

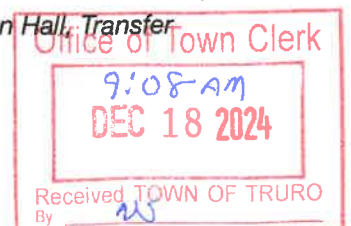
Tuesday November 26, 2024

Energy Committee Remote Meeting Minutes

Attendee

Co-Chair Brian Boyle
Co-Chair Bob Higgins-Steele
Vince O'Connell
Harry Irwin (author)

1. **Public Comment** - None
2. **Discussion with Town Staff** - Jarred Cabral of DPW - not present
3. **Minutes from October 7 2024 Approved**
4. **Solar Canopies** - none
5. **DPW Ad Hoc Committee Report** - None
6. **Climate Leaders Communities Certification discussion** *(to be a CLC we must 1. Be a Green Community 2. Have a standing energy/climate committee 3. Commit to 0% fossil fuel by 2050 4. Create a Municipal Decarbonization Road Map (MDRM) 5. Adopt a Zero Emission Vehicle policy 6. Adopt the Specialized Code) -*
 1. Deadline is December 31, 2024. Bob H-S & Jarred C putting together the submission packet. Included in the packet should be a summary of accomplishments in the last 12 months (EC annual report will be written early by Brian Boyle) and the last 6 months of the energy's meeting minutes. Harry Volunteered to review the packet in Drop Box with Bob.
 2. At the December 17, 2024 Select Board Meeting we need letters and signatures from the town manager and the board committing the town to meet the 2050 climate goals. The Energy Committee should submit the packet to the select board for their review 2 weeks before their 12/17 meeting.
 3. The school committee has already signed off on net zero by 2050 and ZEV first.
 4. The Municipality Decarbonization Road Map (MDRM) is in the works by ICF. All the buildings, the systems and vehicles need to be inventoried with their expected end of life projected with a commitment that they will be replaced with a building or system that is 2050 compliant. The assessments of town buildings *(Beach office, community center, Library, Public Safety, Rec Field house, Town Hall, Transfer*

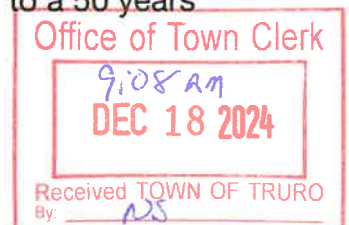


Station, Central School dated 1.4.24 0 11.12.24) have been done by RISE and Cape Light Compact. The assessments can be found in drop box. The second phase - replacement or updates - is still TBD. Bob HS will get the consultant's contact info from Jarred C to get the delivery date of the MDRM.

5. The cost of implementing the MDRM should be shared by the town with the residents so it doesn't become obstacle further down the road to decarbonization.

7. Large Project Updates

1. **Community Solar** - A power purchase agreement with Solar Simplified would broker an agreement with a solar farm (remote) and Truro residents for renewable electricity at a rate 10% below what we are currently paying. The Climate Action Committee presented Solar Simplified proposal to the Select Board for their review and issue a RFP. The Climate Action Committee should carefully vet Solar Simplified. (check references, sample contract, terms and conditions, performance history, maintenance plan, etc.) Note: Solar Simplified has not yet partnered with any municipality in Massachusetts.
2. **Local Solar Arrays** - Plans to add solar panels on the transfer station and other town property will not be impacted by an agreement with a community solar vender.
 1. Power Options was not considered feasible for a land lease.
 2. RFP produced by the town for solar arrays should be reviewed by the entire energy committee. (Bob HS to distribute the RFP and related materials .) The EC would like to RFP include alternatives to lease as well as to own so the financials can be compared and discussed.
 3. Leasing the capped landfill at the transfer station to a solar company to install a solar array could make sense for the town.
 4. Leasing solar panels for any other town properties, be it roof top or canopy, might not be in the town's best interest because any alteration during the life of the lease would need to be approved by the lessor of the solar panels.
3. **DPW plans** - The next meeting is a design charrette.
 1. The designer should do energy modeling, life cycle analyzes, embodied carbon study. The structural system could be pre fab metal or Timber buildings or hybrid should be considered. All to be designed to a 50 years



building. Geothermal should be the preferred heating and cooling system since there are IRA tax incentives to the town half the cost (10% energy community, 10% prevail wage and 30%) for GSHP with a direct pay option.

2. David Spencer should contact our liaison for applying for the IRA direct pay award (Bob HS has their contact info)
3. Brian B shared a draft of "DPW Requirements by the Energy Committee" for new campus from an energy viewpoint - The list of goals (including but not limited to: Net Zero 2040, building envelope, life cycle analysis, EV Charging station, heating and cooling needs, ground source heat pumps (GRHP) for H&C, reuse existing structure to recapture embodied carbon, solar options and limited deforestation, consider at BESS for all building at town hall hill.) was reviewed and amended. This memo will be updated and shared with the Ad Hoc Building Committee by Brian B
4. The DPW Requirements by the Energy Committee was approved as amended by the Energy Committee with a note to have an early review of the plans and spec of the energy and envelope by a neutral third party consultant

4. **Cloverleaf** - None

5. **Walsh Property** - None

8. **MVP Action Grants and Micro grids** - None

9. **Building Codes** - In an all electric building the stretch and specialized codes are the same

10. **Other issues.**

1. **Vince O'Connell** introduced himself to EC. He is considering applying to be a member of the EC.
2. **Road map for electrification of Trucks** - None
3. **Next meeting** - TBD

