

Waterville Valley Energy Committee Meeting Agenda
Monday, August 17, 2020 - 4PM
Location: Remote

REMOTE ACCESS

Join Zoom Meeting
<https://us02web.zoom.us/j/87233821804>
Dial by your location
+1 646 558 8656 US (New York)
Meeting ID: 872 3382 1804

Minutes

1. Meeting called to order 4:08
2. Take attendance Terry Roper, Irit Levy, Erik Barth, Kathleen Krah, Linda Coleman
3. Approve last meeting's [minutes](#)- Approved
4. Privilege of the Floor
5. Guest Presenters - Kathleen Krah/Sustainable Energy Engineer from NREL
 - Techno economic and analysis for behind the meter
 - Similar analysis to developers
 - Demand charge economics for end users for electricity and any other companies that are used
 - Community power is successful in California
 - National Forest guesses that they are interested Can pull cost estimates from the Bureau of Land Management

Terry - Discussion regarding the 13 acres behind High Country

Kathleen - Discussion regarding Economic Modeling

- Economic Modeling can use a certified model, ReOptto, can make predictions regarding the best case scenario for the town monthly energy consumption and utility rate structure. The model requires one year of data but multiple years of data can be helpful

Linda - We need to gather electrical usage for the school and the ice arena

- Kathleen will ask permission with NREL to be a consultant for Town Meeting

Erik- Do you have storage ideas for energy storage?

- i. Battery storage for resiliency - it is incorporated in modeling
- ii. Statistics regarding grid outages
- iii. What size system is required to survive the outage?
- iv. Compare those costs of resiliency with the value of lost load
- v. She has worked with Tribal communities that are off the grid

- vi. Lithium ion batteries make up 98% of the market for storage solution
- vii. Sodium sulfur batteries - do not take up as much space

Terry - power outages are typically less than 10 hours

6. Ongoing business

- Report out and updates to send to ReVision
 - i. School board glancing request for approval
 - ii. Erik thinks it might be possible to use the same hole for the corrugated tin roof so there will not be leaks. Load is minimal. It is not an optimal tilt for the roof. Optimal tilt is 43 degrees.
 - iii. Visually we need to make sure that we get something that is not highly reflective - minimally visible. Something that would not reflect large amounts of heat and light.
 - iv. Conversation is still needed with Athletic Center
- Ameresco Walk Through Update
- Timeline for Town Meeting Presentation

Linda - perhaps we can speak for an update and present a project on low hanging fruit
This is where we are going with renewable energy and for next year we will have a proposal for voters to voters

- Committee opted for an workshop RFQ workshop on August 27th

7. [Strategic Planning](#) & Communications

- Presentation to Selectboard
- Monthly WigWag - Erik October
- REC Report to Selectboard Wednesday, August 19th at 3PM via Zoom

8. Ongoing business

- Defining language for our committee and town website

Short-Term Goals

- Energy Audit
- Charging Stations
- Investigate all funding opportunities

Medium-Term Goals

- Solar Arrays
- PPA's with public and private entities

Long-Term Goals

- 100% of Renewable Electricity by year 2030

Action Items

- Request for Proposal

Adjournment 5:25pm

Next Meeting September 14th at 4pm