

Starksboro Energy Committee

5:30 p.m. Monday October 3, 2022

1. Attendees
 - a. Richard Faesy
 - b. Jeff Dunham
 - c. Megan Nedzinski
2. Approve Minutes from 9/12/2022
 - a. Jeff moved, Megan seconded
 - b. Amend the minutes to include Megan who was at the meeting
 - c. Approved unanimously
3. Public Comments
 - a. None
4. Select Board Discussion Review
 - a. Meeting went well, from our perspective
 - b. Prioritize Projects
 - i. Updated SB of Planning Commission discussion
 - ii. Audit top 4 using buildings from benchmarking efforts
 - iii. Discuss at a future meeting to come up with a plan for next steps
 - c. Report back quarterly, as SB requested
 - i. Could be written or just one person attending to report
 - ii. 15 minute update
 - d. Energy Corner
 - i. Use FPF to point to the Town website with energy information
 - ii. Email Rebecca Elder to ask about setting up space on the website
 - iii. Posting ideas
 1. ChargePoint Report
 2. Benchmarking PDF
 3. Changing filters
 4. Clean your heat pump
 5. Offer up something specific or important
 - iv. Post on Front Porch Forum
 1. Standing item to discuss at each meeting new ideas
 - e. Check in quarterly with an update
5. ARPA Proposals
 - a. Starksboro Public Library Energy and Ventilation Project
 - i. RF post submission on-line for consideration in their Oct. 12 meeting
 - b. Three Phase Power Line
 - i. Jeff talked with Eric at GMP about three phase power in Town
 - ii. Jeff followed-up with Tiana Smith at GMP
 1. Suggests good reasons why ARPA may apply

- a. Encourages business
 - i. Sugaring
 - 1. Electric evaporation
 - 2. 100 amps at 480 volts
 - 3. Would need Pasteurization
 - b. Fast charger in the village, set up as transportation hub?
 - i. GMP has a gas of fast chargers in the area
 - ii. Would benefit underserved communities in a transportation corridor
 - iii. Expensive, but GMP may be interested in putting in if they can claim Tier 3 credits
 - iv. Starksboro is on a major transportation route
 - c. Community solar opportunities
 - iii. Jeff will work on a proposal for ARPA
 - iv. Review at the Nov SEC meeting
- 6. Planning Commission Coordination
 - a. Plan for 11/3 Mobile Home Park Meeting
 - b. Meeting on September 1 joint PC and SEC meeting was successful
 - i. Outcome was the 11/3 mobile home meeting with ACCT and EVT
 - c. This is really a beginning conversation; ACCT and EVT can share what others have done
 - d. Helping neighbors is the goal in this effort
 - i. How can we help with housing security and energy security?
 - e. Consider attending in person, if possible
 - f. Richard to ask Rebecca to set up Zoom option
- 7. Adding More Town Solar
 - a. Pavilion
 - i. From Tom Perry:
 - 1. The existing Town Hall load is 3,766 kWh per year, and the building uses just over 3,000 kWh of the Town's existing solar capacity. The Q-loss I completed for the 1st floor indicated a heating load of 43.5 million Btus, and the current actual furnace usage is just over 41 million. I never added the ventilation into the mix of the heating load, so it would be good to raise those numbers a little bit.
 - 2. Assuming a heating load of 45 million Btus, and a 200% overall efficiency for the centrally ducted heat pump, you would need to add 6,900 kWh of production to achieve net zero. Presumably somewhere between 6.2 and 6.4 kW on the roof – depending on the calculated production.
 - ii. Richard is talking with Susan Thompson about adding solar to the Pavilion as an option
 - iii. Potential Vendors
 - 1. Harvestar in Lincoln
 - 2. Bristol Electronics
 - 3. Peter Kassels-Brown

- 4. Green Mountain Solar
 - iv. RF ask for quotes after confirming with Pavilion committee they'd be open to adding solar to the roof.
 - 1. Then develop ARPA proposal
- 8. Other business
 - a. Potential future SEC members (none have been asked)
 - i. Tom Perry
 - ii. Robert Turner
 - iii. Caleb Elder
 - iv. Nate Gusakev
 - v. Susan Thompson
- 9. Next meetings
 - a. 11/3 Planning Commission
 - b. 11/7 Energy Committee