

Starksboro Energy Committee

5:30 p.m. Monday November 4, 2019

Starksboro Town Clerk's Office

1. Attendees
 - a. Jeff
 - b. Phil
 - c. Richard
2. Approve Minutes from October 7, 2019
 - a. Jeff moved, Phil seconded, unanimously approved
3. Public Comments
 - a. None
4. Harvest Supper/EV Charging Station Christening Event Review
 - a. Bill Calfee sent an email asking for help promoting a Tesla event
 - i. Richard to forward on to Efficiency Vermont and GMP
 - b. About 30 people attended
 - c. Cars/bikes that attended
 - i. 6 Teslas
 1. 5 Model 3
 2. 1 Model X
 - ii. Two Bolts
 - iii. Prius plug-in hybrid
 - iv. Ford D-Max
 - v. Nissan Leaf
 - vi. Two e-bikes
 - d. Cider and snacks were good
 - e. Front Porch Forum and sandwich board seemed to work promotion, along with word of mouth
 - f. Had a good turnout and it seemed like a productive event
 - i. GMP couldn't come due to a power outage from the flood/wind events the day before
 - g. Next time bring a folding table for promotional materials more centrally located, promote the Button Up site visits more and have GMP present
 - h. The timing was good combining with the Harvest Dinner, but we lucked out with the weather
5. Benchmarking Town Buildings Project
 - a. Megan is working on it but wasn't able to attend the meeting
 - b. Food Shelf Building
 - i. Megan mentioned she is working on it
 - ii. She has data and is putting it into Portfolio Manager
 - iii. Megan provided Watt Meters to measure the Food Shelf electric use
 - iv. We need access to the Food Shelf
 1. Peter Ryersbach or Pete Antos Ketcham might have access to keys to the space

- v. Phil will get a key from Cheryl to access the Food Shelf and test the individual freezers at the Food Shelf
 - vi. 3 chest freezers, 2 full fridge/freezers and one small fridge
 - c. Jerusalem Schoolhouse
 - i. The garage and the new space with bathrooms will be heated, hopefully with heat pumps which will require electricity
 - ii. Water in both places to keep from freezing
 - iii. Jeff has asked the architect for estimates for electrical use for the new construction
 - d. Meetinghouse
 - i. Jeff has asked for permission from Susan Pare to access the energy bills for the preschool space
 - ii. Phil may stop by to look at energy opportunities there, as well
 - iii. Next SEC meeting we should consider doing a site visit
- 6. Solar PV
 - a. Proposals from AllEarth and Norwich Solar
 - i. Both vendors provided similar quotes, but neither was too compelling
 - ii. We reached back to Norwich to see what the cost could be if a local investor paid but they installed the system
 - iii. If we have a local installer (Peter Cassles-Brown, Bristol Electronics, Green Mountain Solar or Suncommon) provide, the price could be quite a bit less
 - iv. Consider asking for 5 ,10 and 15 kw systems
 - 1. We have some choices depending on what we think we can use
 - 2. Determine what our needs are before going back for new quotes
 - v. Would need to set this up with a five-year financing arrangement with the town by a local investor
 - vi. Discuss next meeting what we want to buy then ask for a price
 - 1. We need to hear from Megan what the needs are
 - b. Trackers grazing/trimming for 2020
 - i. Jeff talked to Koran and she said she needed to respond
 - 1. Jeff will confirm
 - ii. Phil will put notice in FPF once we hear back from Koran
- 7. Mt. Abe School District
 - a. Performance Contracting/EEI
 - i. Will hopefully include in future bond, but their community engagement is still under way so we have lost the opportunity for any energy improvements for another winter
 - b. Jeff and Richard went to the Robinson School event to talk about the future of our schools and mentioned energy issues in schools
- 8. Starksboro Residents' House Weatherization
 - a. One house is ready to go and CVOEO should be starting work soon
 - i. Richard reviewed the owners' scope of work and help them sign the approval form, then sent it back for them
 - b. Waiting for another to come up on the list

9. Button Up Campaign/Workshop Plans for 2020
 - a. The EV event was our commitment to Efficiency Vermont for a public event
 - b. No one has signed up yet for Efficiency Vermont walk-through audits
10. Legislative Priorities for 2020 session
 - a. No discussion
11. Future Initiatives
 - a. Mobile Home Park Efforts
 - b. GMP Three Phase Power
 - c. Additional Solar PV
 - i. Robinson School Roof
 - ii. Community Solar
12. Review next Gazette Energy Corner potential article(s)
 - a. Benchmarking buildings
 - i. If we have the results, we could share
 - b. Report on EV event
 - c. This is now quarterly, so not sure when next deadline is
 - i. Richard to ask Rebecca/Cheryl
13. Other business
 - a. None
14. Next meetings
 - a. Change from Dec 2 to Dec 9
 - i. Committee walk-through audit of the Preschool/Meetinghouse
 1. Someone will need to get a key
 - ii. Benchmarking results
 1. Annual electric results from all buildings
 2. Kill A Watt results from Food Shelf building
 - iii. Solar next steps
 1. Ask for quotes based on the benchmarking
 - iv. Grazing clearance