

Starksboro Energy Committee

5:30 p.m. Monday December 9, 2019

Starksboro Town Clerk's Office

1. Attendees:
  - a. Phil Mosenthal
  - b. Pete Antos Ketcham
  - c. Megan Nedzinski
  - d. Richard Faesy
  - e. Jeff Dunham
2. Approve Minutes from November 4, 2019
  - a. Jeff moved to accept
  - b. Pete seconded
  - c. Approved unanimously
  - d. Megan abstained not having been at the last meeting
3. Public Comments
  - a. None
4. Site Visit / Energy Audit of Village Meeting House and Preschool
  - a. Susan Pare had asked Jeff about uneven heat in Preschool
  - b. Pete was approached by Dan Baker about
  - c. This is not included in our benchmarking efforts currently, but could
  - d. Susan pays for all the energy for the building
  - e. Pete will reach out to Susan to ask for a key, access to fuel and records
5. Benchmarking Town Buildings Project
  - a. Megan entered all of the town electric in ENERGY STAR Portfolio Manager
    - i. Data and results can be shared out with EVT, committee members and others
    - ii. Put in building square feet of each town building
    - iii. Estimated year built
    - iv. Megan came up with a list of questions
    - v. There is no fuel information included now
    - vi. Needs solar PV data
    - vii. There are more opportunities to get more granular, but wanted to get started
    - viii. Delivered fuel suppliers
      1. Propane from Jackmans
      2. Oil from Champlain Valley
    - ix. Release form needed to compile all of the energy account numbers
    - x. Once the information is all put in, we can review and make recommendations
    - xi. Megan will set up to share out access to other committee members and town staff
  - b. Purpose for benchmarking
    - i. Celine asked for electric needs
    - ii. Benchmarking provides a snapshot of opportunities
  - c. Efficiency Vermont is offering a service to help food banks
    - i. Barbara Harrington is the town food bank contact

- d. The Baptist Church is also interested in joining, along with the Preschool
    - i. Pete will pull together energy data to include Church with other benchmarking effort
  - e. Next steps
    - i. Jeff will work with Celine to compile all of the account numbers in the utility release form
      - 1. Megan will send the form again to Jeff
    - ii. Jeff will approach Jackman's and Champlain Oil to get 2018 and 2019 data
6. Solar PV
- a. AllEarth Proposals
    - i. 3 trackers
      - 1. kWh/year: 34,560 with 5 kW inverters
      - 2. PPA, \$530.40/month for 5 years
      - 3. Based on \$.185/kWh
      - 4. 50% of purchase price after 5 year
      - 5. \$97,920 purchase price
    - ii. AllEarth Repaneling
      - 1. Six trackers exist
      - 2. 4kW interters now, 200 watt each now
      - 3. Keep existing inverters
      - 4. Would provide 2,000 kWh/tracker, or 12,000 more kWh annually
  - b. Norwich Solar
    - i. 27,060 kWh/year
  - c. Old Town Clerk Building
    - i. 13,000 kWh/year used
  - d. Ask Peter Castles-Brown for price for installation
  - e. We decided to wait until we have more information on electric needs before making a decision or recommendation
  - f. Richard ask Mt. Abe school for use of roof
7. Jerusalem Schoolhouse Renovation Project
- a. \$899,000
  - b. Going heat pump for the emergency station addition
  - c. Fire station needs to be heated, probably with propane
  - d. Megan will bring plans next meeting
8. Starksboro Residents' House Weatherization Projects
- a. No updates on two residents
  - b. Pete has enrolled four others
9. Legislative Priorities for 2020 session
- a. Report from Nov. 22 Climate Solutions Caucus meeting at Vergennes UHS which Richard attended
10. Review next Gazette Energy Corner potential article(s)
- a. Benchmarking buildings
  - b. Legislative issues
  - c. EV Test Drive Event Report

- i. There is a Charge Point charger you can access through the app
- ii. Picture and brief blurb
- iii. Successful event
- iv. Remind that charge station
- v. Make sure there you download the Charge Point app before you show up
- vi. RF draft article

11. Other business

- a. None

12. Next meeting

- a. January 6
- b. Continue benchmarking assessment discussion and solar
- c. Adjourned 8:40