

Energy Committee of Waterville Valley

ATTENDEES: Bill Johnstone, Marc Decoteau, Joe C, John Recine, Irit Levy, Linda Coleman, Kimberly Rawson

DATE: February 24, 2020 @ 4pm Lower Level Meeting Room, Town Hall Waterville Valley

Welcome and Introductions

NHEC's Bill Johnstone discussed NHEC background -

NHEC owns poles and wires and has been in operation since the 1930's. Coop serves 115 towns and has 85,000 members. NHEC is not for profit. Board of directors elected by members. NHEC works with commercial accounts and residential.

NHEC's renewable energy portfolio--18-19% of the portfolio standard is renewable energy

Discussion regarding solar incentive programs:

Historically solar was incentivised with rebates - solar prices came down and people were building larger arrays and not always using the rebate programs. The rebate programs are discontinued. NHEC continues to buy REC's from members.

Discussion regarding wind turbines: Would fulfill Waterville's energy needs but will require support from National Forests and not many wind projects are being approved.

Discussion regarding solar arrays:

30-40 acres are required for a 2 MW solar array. Several 15 acre parcels are available that are not in view sheds that are reasonably close to the valley. The arrays need to be close to the grid. Private entities / investors would be required to fund the project.

It is in the Forest Service charter to support acreage for arrays.

NHEC is investigating Grid Storage: Confident that there will be batteries for the Moultonboro array this year

Rolling out battery pilot - [Tesla Powerwall](#) charges during off peak and discharges during peak demands or outages
Units can be placed outside; size is ~ 3 x 4 x 8 inches
2 battery package \$14-15K

NHEC electric vehicles incentives:

- NHEC offers off-peak charging rate for electric vehicles (for residential customers)
- Purchase an electric vehicle and receive \$1,000 rebate
- 50% rebate for commercial charging stations
- 75% rebate of the cost of purchase and installation of a charger
- Up to a \$2,500 rebate with 2 commercial installs

Tesla has a [destination charger](#) Level 2 charger 240V - Only charges Tesla
Tesla Supercharger -fast charging takes only 15 minute to charge

General discussion regarding the need for charging stations in the valley

Welcome center - great location for chargers

Success of charging stations at the RiverWalk condo in Lincoln

Discussion for a bank of chargers located at Town Square

Investigate gathering homeowner association to request stations in the Town Square parking lot
Sponsorship signs were mentioned to subsidize the cost of the charging stations

[NHEC has updated their website](#) with programs and incentives

Chevy volt

Next Steps and Communication

Develop plan for 2020- Energy Efficiency, car charging etc

- Write a regular column with updates in the Wig Wag
- Post minutes

- Attend selectman meetings - send someone to attend regularly to report out
- Send agenda to Sharon; send minutes to Sharon (once approved)

Town Buildings need energy audits

Meeting adjourned at 6:20

Next meeting to be held Monday March 30, 2020 at 4pm Lower Level Meeting Room 14 Tac Lane Waterville Valley, NH