

Energy Committee

2/16/2022

Dan Smith, Denis Collet, Robert McKeon, Paul Cadden-Zimansky, Laurie Husted

Introductions (guests) Paul Fletcher-Hill, Agatha Bacelar

Talked about Red Hook's Community Choice Aggregation (CCA) program and how it has helped most of our community avoid a 3x price increase this February. Given they moved here in October, 2021, do they know if they were they opted in by default?

Highway 75 kw solar system:

NYSERDA/ PSC? has gone from remote net metering to remote crediting

Who do we want to credit – who do we want on the allocation list?

Other than the highway garage meter – can we hand off credits to another town-owned meter?

Town Community Solar System

SunCommon interface shows 6,255,618 kwh produced to date, 18, 806 kwh today (overcast, 30 degrees)

Rate was 10.86 Cents / kwh with a 1.3% escalator per year

Lighting

Robert communicated with Maria – Punch list complete? – second round of training, Have we moved into maintenance contract. \$ left – can we buy the orphan poles

Fast Charger at Town Hall

Spaces visible from Route 9

Make them ADA accessible

Solar Mapping – tool from Scenic Hudson

Overlays like prime soil, soil of statewide importance – one stop shop to help ID opportunities for solar

Tied into town zoning laws – our historic overlays

Need ARC GIS

Scenic Hudson training done by Denis. Planning Board should get that training.

new round of training planned for Spring – Starts in March

Zoning update?

Should we adapt our solar zoning law to include agrivoltaics?

Utility scale 1000 acres – so not a good fit in Red Hook. Could it be done on a boutique scale? Research requirement – must withstand 120 mph winds if it's a ground mount. 9 feet up to allow grazing/ planting. Impacts the project costs

Climate Action Plan update

Ideally this would happen as a joint effort contributing to the CAC effort

Where do heat pumps fit in?

Paul F-H - built air to water system that uses R410a w/ off the shelf scroll compressor would like to use natural refrigerants; exciting area – high temp CO2 heat pumps that are easy to swap a gas or oil boiler, cut into installation cost. Paul's vision: build a lot of the machines locally that would be ideal (heat pumps, panels, batteries)

Jen Cavanaugh arrived 5:50pm

RHCS D ballot proposal

Response to Denis' letter – they're talking with the architect awaiting response

Close 6pm