

## Energy Cte Mtg

March 2, 2022

Denis, Paul, Dan, Robert, Jen

5-6pm Zoom

### Highway Garage

- An inverter has been out?

### Solar Farm

- get a dashboard for the farm

### Fast Charger - Awarding Contract

- Separate meter/ offset that account?
- Town engineers to help choose vendor off state contract/ award next week

### Lighting District

- LED project 'finished', 1-2 punch list items
- Echo Valley response to car accident (pole taken out) - new pole going in / replacing with spare fixtures. Costs about \$5K to replace(!)
- Energy comparison chart: change from sodium to LEDs. expected ~60%. (see chart at end)
  - approximate reduction of 50% includes that we already had some LEDs
  - Paul to revise based on sodium replacements
  - Is this based on CH estimates? Using wattage.

Consolidated Lighting District 2100-1781-94-3			
	Pre-LED (kWh)	Post LED (kWh)	% Reduction
	2020-21	2021-22	
October	4897	2274	53.6%
November	5250	2817	46.3%
December	5798	2834	51.1%
January	5537	2959	46.6%

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- New training on software coming up - who wants to take it? No commitments from cte.
  - Dan Smith can attend (but system needs Town DPW rep or other to take ownership)

### Solar Mapping -

- Paul Fletcher expressed interest in joining the EC
  - refrigerants/608 certified/ heat pump teach
  - Committee votes to recommend he join? Unanimous 'aye'
  - Request submit a resume
- Solar Development Mapping Tool
  - New training coming up
  - Planning Board Chair read materials/ may attend/ share with other members
    - Potential beyond solar mapping - common tool w/ CAC
  - 5 weeks 2 hours on Thursdays nights 7-9pm
  - ARC GIS software
    - Write a proposal to Town about and they can approve funding for the license
      - Why do we need it?

- We can use the 24 overlays in order to answer a variety of questions the town has. It provides a way for us to clearly present progress and identify opportunities.
- Who would use it and how
  - New secretary to Planning Board make use of it/ take training?
  - PB Chair Sam Phelan liked the notion of one stop shopping/ toggling these overlaps
  - There are 24 overlays - electric circuits, biodiversity, etc.
  - Check with ctes - let them know.
  - We have light pole data - could put it in as a layer in the software

RH School District

- Building & Facilities Cte meeting next Wed. 7pm
  - Goal to get them to do NYSERDA feasibility study
  - who can attend? Denis will go to the meeting next week
- Refrigerant recovery shelter and plan
  - TJ also EPA 608 certified along with Denis and Paul (they would like to work on the recovery project)
  - NY4Cool Refrigerant Mgmt sharing about the CLCPA aka The Climate Act and need to [make comments](#) before May 1 - our program is a model that the state may look to
  - Paul F is looking into refrigerant recovery companies
  - Brad's Barns and buy a building 15x20? Fit Work bench, need a building permit
  - Ask Brandy re Campus Planning and include this notion - need to draft a proposal for Town Board and get approval. Pretty simple with gravel.
  - Timing - install by \_\_\_?

Communications

- Town wide mailing opportunity to discuss clean energy alternatives
- March bills may be 24% higher than Feb (which were 3x Jan?)
- Brainstorm a list of opportunities for a flyer?
  - You can save money, rebates exist, quick example/ someone's story
  - electric cars (Barbara Shoemaker?) Laurie to reach out
  - CCA, Fixed rate of elec - join the CCA (this is already known)
  - heat pump conversion - Energize Red Hook? Jen to reach out to Costello? Zelie?
  - Solar - Mark Halsey / Solarize Red Hook - Paul will reach out
  - ((Community Solar Farm - ?? no spots available so not worth including perhaps))
- Ask about Mayor's intern

meeting end 6:07

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	Pre-LED (kWh)	Post LED (kWh)	Total Energy	Energy per Sodium	Energy per LED	Estimated Per Light
	2020-21	2021-22	% Reduction	(kWh)	(kWh)	% Reduction
October	4897	2274	53.6%	40.4	13.2	67.4%
November	5250	2817	46.3%	42.3	17.0	59.9%
December	5798	2834	51.1%	47.5	16.7	64.9%
January	5537	2959	46.6%	44.7	17.8	60.1%