

Madison Town Energy and Efficiency Committee
Madison Town Campus, March 26, 2019
MINUTES

Members Present: Woodie Weiss, Chairman, Dick Evarts, Ron Hick, Gary Naegel, Tracy Juengst, Francis Pullaro, Guy Mannino. Also present Selectman Al Goldberg, and Madison residents Laurie Zabel, and Tom Paul

- 1. Call to Order.** The meeting was called to order at 5:05 p.m. by Chairman Weiss.
- 2. Arts Barn PV Project.** Woodie said the project was complete and it passed town inspection.
- 3. Sustainable CT Certified Program.** Woodie said since the last meeting a new subcommittee was formed to coordinate the actions for the 2019 Sustainable CT application.

The new members are as follows: Woodie Weiss, Francis Pullaro, Fran Brady from the Conservation Commission, Suzie Huminski, and Dave Anderson as town staff liaison.

Section 6. Efficient Physical Infrastructure and Operations •

- 6.1 Benchmark and Track Energy Use •*
- 6.2 Reduce Energy Use Across All Municipal Buildings •*
- 6.3 Achieve High Energy Performance for Individual Buildings •*
- 6.4 Increase Use of Renewable Energy in Municipal Buildings •*
- 6.5 Develop a Municipal Energy Plan •*
- 6.6 Manage Municipal Fleets (Updated for 2019) •*
- 6.7 Install Efficient Street Lights - **Completed** •*
- 6.8 Implement a Community Energy Campaign*

(see for more information: <https://sustainablect.org/actions-certifications/actions/>).

Woodie asked the committee members what they could help with regarding the Section 6 actions. Guy will handle vehicle fleets, Dick said Community Energy Campaigns, and Tracy said the Municipal Energy Plan.

3b. Portfolio Manager. Woodie said Gary Naegel will receive help with Portfolio Manager from Eversources Bryan Parsons and Andy Brydges.

3c. Eversource offering support and funding for energy analysis audits. Chairman Weiss said the town should take advantage of having an in-depth energy audit this year and the town building that would benefit most with an audit is Daniel Hand High School. Eversource will pay 50% up to \$20,000 dollars for an ASHRAE audit (American Society of Heating, Refrigerating and Air-Conditioning Engineers) that thoroughly goes through the building, looking at the as-built drawings, building and window insulation, with an analysis of what's there and suggestions for improvements and what it will save in the long run.

4. Municipal buildings tracking energy consumption spreadsheet. Tracy submitted a copy of the towns building inventory that Portfolio Manager tracks for energy consumption. The committee reviewed the list of buildings on the spreadsheet. Woodie suggested eliminating the Academy Street Elementary School, and the Butler Green building at the Surf Club and breaking out the town campus' three buildings separately.

5. Legislative Update-Francis Pullaro. Francis said the new ZREC program (State Statute 18-50) isn't ready yet. He also said that offshore wind is doubling down.

6. Library Update-Energy Model, ZREC application. A) energy model. Woodie said the energy model came back from Thornton, Thomasetti and it was exhaustively detailed. It shows the new library structure, even with the old building, is 22.7% more efficient than if it was an entirely newly constructed building built to current code. He attributed the ground source heat pumps were mostly responsible for that percentage.

He added that since the town was buying the 50kw system as part of the building, there will be no cost to the town for the electricity it produces – in addition to the potential \$4,000 the town will earn from selling the REC's to Eversource.

b. ZREC application. Woodie said he was submitting the library ZREC application on April 1st.

7. Other New Business. Tracy said that the Energize CT people suggested having videotapes made of the ground source heat pumps installations.

7. Adjournment. The meeting adjourned at 6:15 pm.

Respectfully submitted: Abigail White