



TOWN OF BRIDGEWATER, MASSACHUSETTS ENERGY COMMITTEE

FINAL MINUTES: SEPTEMBER 13, 2018

Members Present: ✓ Kevin Bligh ✓ Tom Hall, ✓ Carlton D. Hunt

Guests: None

The September 13, 2018 Energy Committee (EC) meeting was called to order at 6:35 PM in Room 201b of the Academy Building with a quorum present. The agenda was approved.

There were no announcements.

The committee reorganized: Carlton Hunt was nominated and elected chair (3/3). A recording secretary was not appointed. Dr. Hunt will continue to serve in this capacity.

The May 3, 2018 minutes were approved without change (3/3).

The committee briefly reviewed its authorities and responsibilities under the Administrative Code.

The committee addressed written input from Elijah Romulus, Assistant town Planner, regarding the status of the street light conversion project. The committee was pleased to learn that a technical Assistance grant application to support the Streetlight conversion assessment and design phases had been submitted. The conversion work plan provided by the Town Manager appears to be on schedule.

The committee reviewed Mr. Romulus's input regarding the purchase of electric vehicles under the Green Communities 2018 grant.

Recommendation. Electric vehicles: We support leasing either vehicle for which quotes were provided. However, are concerned about the optics/impression that the BMW vehicles provide and how it might jeopardize our energy story even though they have superior technical specifications. We also think it might be advisable to ask about the cost of leasing the Mitsubishi option for two years rather than three. The recommendation motion passed 3/3.

The Committee reviewed the concept for solarization of the charging stations in the municipal lot behind the downtown fire station. The option to add solar carports at the Municipal Parking Lot was appreciated. The committee felt pursuing these should be coupled with refurbishment of the parking lot surface. Also, solarization of the entire parking lot should be considered to make up the shortfall in energy provided to the Town from the Marina Field (cumulative energy supply is ~83% of demand since commissioning in August 2015). The potential of having the energy behind the meter should be considered with the supply going to the School Street Fire Station and Town Hall/ downtown street/traffic lights.

The committee recommended under motion (3/3) the following regarding the charging stations and solar carports:

The Town pursue the solar car port concept with three revisions;

- 1) Put 6 charging stations at the municipal lot instead of 4;
- 2) Put 4 charging units at Academy Building rather than 6 (consider solar canopy here also);
- 3) make the charging stations at the municipal lot revenue positive.

The plan for the 2018 Green Communities annual report was briefly discussed.



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The Chair noted that Mr. Dutton conveyed that the draft Golf Course alternative energy assessment RFP was being reviewed by DOER at his request. He expects to release it when DOER comments are received and addressed.

The Chair presented three graphics showing the solar energy production versus Town electricity demand (attached).

The committee learned that the proposed auburn street solar field is still in litigation.

The Chair conveyed the concept of solarization of the MacDonald land fill (90% in Halifax). The committee was encouraged to hear of the project.

No other business being brought up and no public comments, the meeting was adjourned at 7:30 PM.

The next meeting is scheduled for 6:30 PM, TBD, Room 201B of the Academy Building.

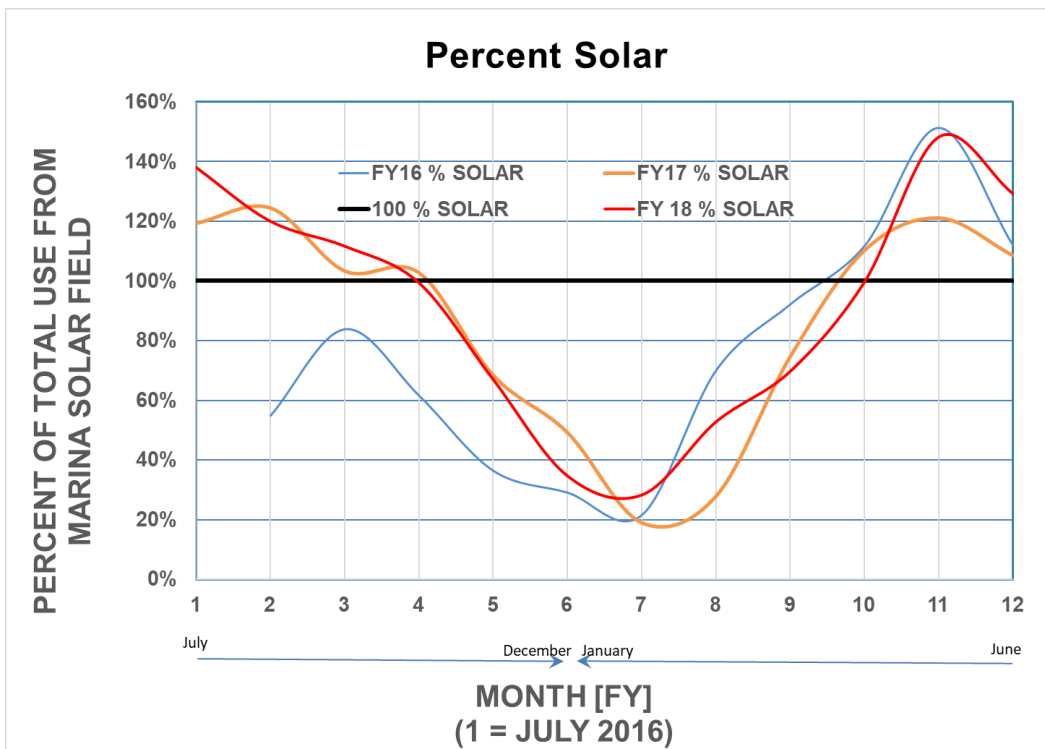
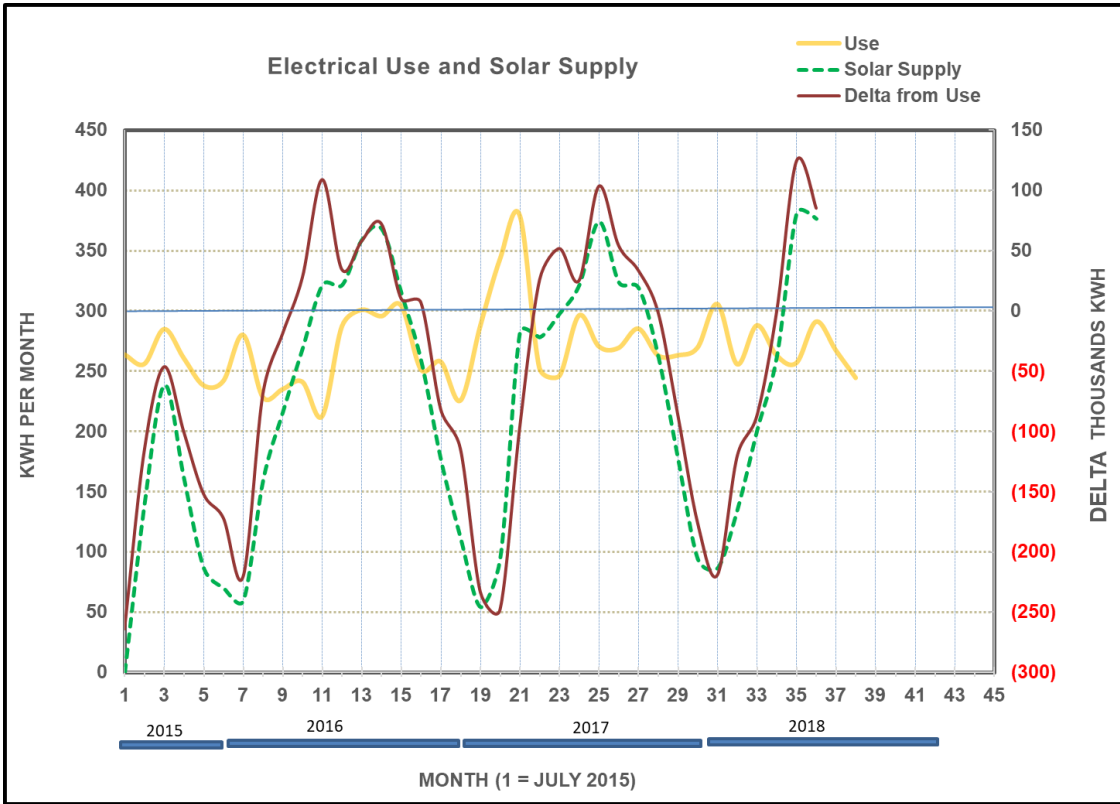
A handwritten signature in black ink that reads "Carlton D. Hunt, Ph.D." in a cursive style.

Submitted by Carlton D. Hunt, Ph.D.,
EC Chair



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Comparison of Cumulative Electrical Energy Use vs Cumulative Solar Power Delivered

