



TEC

TOWNSEND ENERGY COMMITTEE

272 Main Street

Townsend, Massachusetts, MA 01469

Brent R Carney, Chairman; Kathy Thompson, Vice-Chairman;
Michael Brown, Ph.D; Edward Hermann, Ron Montgomery

DECEMBER 1, 2016 TOWNSEND ENERGY COMMITTEE MEETING MINUTES

- 1. Call the meeting to order:** Chairman Carney called the meeting to order at 7:08pm. Present were Brent Carney (BC), Ed Hermann (EH) and Michael Brown (MB). Kathy Thompson (KT) arrived at 7:30pm.
- 2. Approval of Meeting Minutes: 5/26/16, 8/23/16, 10/25/16, 11/3/16, 11/10/16:** BC moved to remove the minutes from 5/26/16, 8/23/16, and 10/25/16 from the table. MB second, all voted in favor.

Motion by BC to approved the minutes of 5/26/16, 08/23/16, 10/25/16, 11/03/16, and 11/10/16, seconded by EH with all in favor.

- 3. Public Forum:** None
- 4. Discussion, Spaulding Lighting Project for Green Communities Grant (votes may be taken):** Reviewed the revised job summary for Spaulding school with the new Canopy light and cut sheet. It still complies with our grant.

MB motioned Approval of replacement lighting for Spaulding School includes the following conditions:

1. All replacement fixtures must conform to the Townsend outdoor lighting bylaw, which requires emitting no light above a horizontal plane through the lowest light-emitting part of the luminaire
2. Specifically, the proposed wall-pack lights for the building exterior (such as Deco Lighting Model D404-LED Large Wall Pack) must be fitted with the full cutoff shield accessory.
3. Specifically, the proposed 18-watt area flood fixtures (such as RAB Lighting Model FFLED18Y) must be fitted with a hood (such as RAB Lighting Model HFF18W-5), and the light must be mounted facing down towards the ground such that no light is emitted above the horizontal.

4. Specifically, pole-mounted area flood luminaires must be certified dark-sky friendly by IDA (such as the proposed Cree OSQ series).
5. Lights with a color temperature no higher than 3000K must be selected, unless the cost of a 3,000K light is prohibitive within this Green Community grant allocation, in which case the lowest feasible color temperature shall be used.

Motion was seconded by EH, all voted in favor.

5. **Solar Bylaw Committee Update:** The committee discussed the different points of the proposed Solar Bylaw. Concerns were as follows; There were 2 3.8 sections so that needs to be fixed. 3.8.1 needs second line change: “where feasibly” in relation to lighting is not acceptable. Lighting must conform to Lighting Bylaw. Also, 3.8 Utility Notification – end of first line should read generator system, not just generator. Also, 3.9.2 Signage needs “and outdoor lighting bylaw” added to the end of the first line, since it should also be in compliance to the Lighting Bylaw. KT will summarize (see attached) changes and forward to BC who will then send to the Planning Board Chair, Lance McNally.
6. **Topics not reasonably expected by the chair 48 hours before the meeting:** BC discussed the year end report which is due Dec 3, 2016 and his concerns that the town is losing out on money since this is not being handled and he has repeatedly contacted the BOS and TA about it. The money is available from the grant but nothing is getting done. BC will continue to make inquiries on this. However, since this is not finished, we will not be able to go for another competitive grant in February.
7. **Schedule Next Meeting:** Tuesday, January 24 , 2017 at 7:00 PM at Townsend Library
8. **Adjourn:** BC moved to adjourn at 8:30pm. MB seconded with all in favor.

Energy Committee's Comments on the proposed Solar Bylaw for Large Scale Ground Solar Power Generation Installation

The Energy Committee reviewed and discussed the Solar Bylaw at their last committee meeting and the comments were as follows:

- Overall, the committee thought the bylaw was very extensive and covered many scenarios

- The Committee agreed the bylaw needed the following changes:
 - On Page 3 , under Large Scale Solar Siting, the last sentence should be changed to "If the above conditions **A-D** are not met, a special permit shall be obtained according to Table **C**." (Currently, the sentence references conditions A-E, and Table B, respectively.)

 - Page 6 has **two 3.8 sections** and needs to be renumbered (currently, the bylaw has 3.8 Utility Notification and 3.8 Dimension and Density Requirements)

 - Page 6 under 3.8 Utility Notification, the end of the first line should read, "interconnected customer-owned **generator system**" instead of just customer-owned generator (sounds like a gas generator instead of solar installation)

 - Page 7 under 3.9.1 Lighting- the beginning of the 3rd line **should not have 'where feasible'** since it wouldn't conform to the current Outdoor Lighting Bylaw 145-52.

 - Page 7 under 3.9.2 Signage, the end of the first line, the following should be **added "and outdoor lighting bylaw"** since signage also falls under the Lighting bylaw as well.

With these changes, the Energy Committee would approve this bylaw.