

**Newton Citizens Commission on Energy
May 31, 2017 Agenda
City of Newton**

<http://www.newtonma.gov/gov/building/projects/energycomm/default.asp>



**Setti D. Warren
Mayor**

Eric Olson (Chair), Halina Brown (vice-chair), Lawrence Kaufman,
Ira Krepchin, Fred Brustman, James Purdy, Jonathan Kantar
Michael Gevelber, Andrew Savitz (*ex-officio*)

Advisory Members:

Peter Barrer, Edward Craddock
Frank Gundal, Brant Davis, Claudine Ellyin

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Newton Centre, MA 02459

**The 2017 meeting of the Newton Citizens Commission on Energy will be held:
Wednesday evening, May 31st, 2017 at 7:30 p.m. in Room 204 of Newton City Hall.**

Agenda (Any other business properly brought to the Commission's attention)

(Review of April 2017 minutes)

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New Business To be discussed

- 1A.** Halina Brown introduction of Ms Claudine Ellyin. Halina on update on Community Choice Aggregation: Recent discussions with Ann Berwick
- 1B.** Newton Buildings: Jonathan Kantar on emerging new policy documents re new and retrofit municipal buildings: design, energy use targets
- 2.** Current status of Rumford Solar large array and status of "Phase Three". Start date, issues.
- 3.** Newton Buildings: "preferred vendor" update and Newton North.
- 4.** Via Jenny Craddock, Ann Berwick, and Bill Ferguson: more insight into the Memorial Spaulding "experiment" and City-wide efforts to incorporate energy and climate education linked to efficiency and student/teacher/staff behavior
- 5.** Related: revisiting the suggestion to Newton officials to learn from the Acton-Boxborough experiment in school energy savings driven entirely by behavior. The "soft path" approach focus on behavior can be a powerful complement to the work being done on lighting and other "hardware" aspects of our schools.
- 6.** Geexchange HVAC in our area – preparing a list of completed projects, seeking data

Design and Construction Guidelines:

Questions and Short Answers Building Design and Construction Guidelines

DRAFT 5/22/17

Why do this?

To institutionalize what PBD needs to be doing. Articulate PBD and DRC goals and expectations. Create medium for learning and doing best practices.

Why do it now?

Newton expects more new construction in coming years. Facilitates policy of continual improvement. Leverage the knowledge we have gained through our recent design and construction experience.

How realistic is this?

Is realistic; Newton PBD is already heading in this direction

What will it change?

It will change the designer selection process, and RFQs and Contracts with designers. Encourages design teams to focus on issues we've determined to be important. Establishes the practice of "re-commissioning" after three years of occupancy.

What are the barriers to implementing this?

Long-standing industry design and construction practices.

What is it committing Newton to?

Implement smarter design. Commits to a process for learning from Newton's design and construction experience.

How will this impact Newton's costs?

Reduces operating and maintenance costs

May add to designer costs of initial analyses, with expected reductions in design development costs

Short term, construction costs may go up or down depending on each building's circumstances. (Recent PBD experience is that it has reduced construction costs.)

Reduces overall long term costs of constructing and operating Newton's public buildings