

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes May 24, 2017**

OPENING:

The May 24th, 2017 meeting of Sudbury's *Energy and Sustainability Committee* was opened by James Kelly at 6:30 pm at the DPW Building conference room.

ATTENDANCE:

Committee Members	Attending
Rami Alwan	
William Braun – Chairman, Energy and Sustainability Committee	By phone
Jim Cummings	
Edward Lewis	X
Joe Martino	X
Robert Morrison	X
Kurt Reiss	X
Mark Sevier	X
Facilities Director, Town of Sudbury	
James Kelly	X
Guests	
Terry Snyder	X
Ron Riggert	X
David Ward	X
Leslie Lowe	X
Thomas Yelton	X

AGENDA:

1. Solarize Initiative Update
2. Carbon Neutrality Checklist
3. Eversource rate case
4. Green Community Grant Update
5. Municipal Aggregation Update
6. PV – DPW Initiative, update
7. Approval of meeting minutes
8. Other business?

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1) Solarize Initiative Update:

Work continues on implementing Solarize Mass 2017. Sudbury has partnered with Wayland and Lincoln to increase the reach of the program and the RFP for a solar developer is underway. This round (Solarize Mass Plus) also allows additional sustainability options to be offered and Solar Thermal is under discussion.

The marketing plan is under development and it is hoped to launch the program by late summer.

ACTION: All - a yard sign needs to be designed – anyone with talent or ideas please contact Bob Morrison.

2) Carbon Neutrality Checklist:

The Committee meeting had several guests who were interested in completing a “Carbon Neutrality” checklist to gauge how effective Sudbury’s current energy and carbon reduction programs are.

Sudbury ‘scored’ high on renewable generation deployment (Noyes, Fairbank, Landfill & LSRHS Municipal arrays and two Solarize Mass programs,) and on Energy Efficiency activities (early Green Community status, Performance Contract for Municipal buildings and Schools, Energy Committee work, LED Streetlight retrofit, Green Community and other Competitive Grant procurements.)

Sudbury did not score as well on transportation and on issues attributed to unrelenting development / overdevelopment.

Sudbury has a proud tradition of sustainability and scored well in the checklist vs. peer communities, however, we still have much work to do.

3) Eversource rate case:

Eversource has applied to the Mass Department of Public Utilities (DPU) for an update to existing tariffs and operating conditions. Several Towns and the MAPC are preparing a response and testimony for the DPU.

The Committee will monitor to determine if any Committee / Town input should be included.

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4) Green Community Grant Update:

In March the Energy Committee requested \$250,000 (the maximum grant available) in Green Community Competitive Grant funding for a robust set of high gain energy efficiency / sustainability projects.

In addition to the grant, utility incentives would provide another \$66,000 and the Committee elected to utilize \$39,000 in Town support to be provided from the Energy Savings Revolving Fund using the proceeds from the Landfill Solar Array.

These projects will reduce Sudbury's Municipal electric, natural gas and gasoline consumption to a measureable degree. In all, they are estimated to reduce our town-wide Municipal energy usage and green house gas emissions by almost 1.6%.

Following are high level descriptions of the projects the Committee included in this year's grant proposal: (for complete details see the Minutes from 1 March 2017)

- a. Interior LED lighting upgrades for Curtis, Haynes, Loring, Nixon, Noyes, Atkinson and LSRHS.
- b. Refrigeration improvements for Curtis and Noyes school cafeterias.
- c. Weatherization and air sealing Curtis and Noyes schools.
- d. One Electric Vehicle (EV) for Town employee and public charging station.
- e. Goodnow Library EMS / Controls Upgrade

The Mass Department of Energy Resources has not yet announced what grant requests will be funded. An announcement is expected in the next month or so.

5) Municipal Aggregation Agreement:

Sudbury, along with Arlington and Somerville participated in the Metropolitan Area Planning Council (MAPC) collective competitive procurement for purchasing residential electrical power under an aggregation plan.

The MAPC committee chose Good Energy as the Aggregation Consultant as they were the most advantageous bidder in terms of technical quality and competence, experience and pricing.

At Town Meeting Sudbury residents approved going forward to offer the aggregation plan for electrical supply to the town households and small businesses.

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A Department of Public Utilities (Mass DPU) hearing was held where Mass State approval for Sudbury, Arlington, Somerville and Winchester’s residential aggregation programs was granted.

After the DPU approval was obtained, Good Energy, on behalf of Sudbury, went out to bid for potential Municipal Aggregation contracts.

Multiple responses for various contract durations were received. The Committee discussed and unanimously agreed that Dynergy offered the most competitive overall rate structure, terms, and inclusion of locally sourced green energy. Dynergy was also the Aggregation Consultant’s recommendation.

Dynergy responded with (duration in months, price per kWh (supply only) and percentage of Green Power in the supply.)

Duration (months)	17	28	29	36
Price per kWh – 12%	\$0.10923	\$0.10644	\$0.10648	\$0.10624
Price per kWh – 17%	\$0.11048	\$0.10769	\$0.10773	\$0.10749
Price per kWh – 100%	\$0.13423	\$0.13144	\$0.13148	\$0.13124

For reference – Eversource electrical supply is 12% green power (by State Law) and is priced at \$0.10759 for July 2017 thru January 2018. By State law Eversource reprices electrical supply every six months.

Under Community Choice Aggregation several options can be offered to the residents. The Committee is strongly in favor of the 36 month 17% green energy option being at least one of the options offered (perhaps the base option.)

This would give residents electrical supply with a significantly higher green power component (the additional 5% green power is comprised of Class 1 RECs (which drive increased green power generation in New England)), price stability, along with a price that is less expensive than the July -> January Eversource rate.

Next steps include community outreach in the form of letters / postcards / public meetings to inform residents about the program.

The Municipal Aggregation program is optional, each household will be given a chance to not start under the Aggregation and those who do participate can opt out at any point penalty free.

This program will decrease Sudbury’s carbon footprint.

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6) PV – DPW Initiative, update:

The DPW building is being evaluated as a potential location for Sudbury’s fifth Town PV array.

One vendor has responded with a preliminary design that needed modification. They were asked to update the layout. A proposal from another vendor is expected soon.

7) Approval of Meeting Minutes:

Minutes from the March 1st meeting were approved.

8) Other Business?

Scheduled Energy Committee Meetings: (DPW Building conference room)

The public is welcome at all meetings.

June 21st at 6:30pm

July 19th at 6:30pm

August 19th at 6:30pm

Adjournment: The Energy Committee meeting was adjourned at 8:50 pm.

Minutes submitted by: Edward Lewis, May 31, 2017