

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes November 16, 2017**

OPENING:

The November 16th, 2017 meeting of Sudbury’s *Energy and Sustainability Committee* was opened by James Kelly at 6:10pm at the DPW Building conference room.

ATTENDANCE:

Committee Members	Attending
Rami Alwan	X
William Braun – Chairman, Energy and Sustainability Committee	
Jim Cummings	
Edward Lewis	X
Joe Martino	
Robert Morrison	X
Kurt Reiss	X
Mark Sevier	X
Facilities Director, Town of Sudbury	
James Kelly	X
Guests	

AGENDA:

1. Solarize Initiative Update
2. Green Community Grant Update
3. Municipal Aggregation Update
4. PV – update on the DPW & Goodnow Library initiatives
5. Green Community Annual Report
6. Approval of meeting minutes
7. Other business?

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1) Solarize Initiative Update:

Work continues on the Solarize Mass 2017. Sudbury has partnered with Wayland and Lincoln to increase the reach of the program and PV systems under contract are approaching 200 kW. Additionally, multiple Solar Thermal systems have also been contracted for.

This round of Solarize will be accepting orders thru the end of January 2018.

2) Green Community Grant Update:

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

The State awarded Sudbury \$250,000 (the maximum available) in grants.

In addition to the grant, utility incentives will 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 and statuses of the funded projects: (for complete project details see the minutes from 1 March 2017)

- a. Interior LED lighting upgrades for Loring, Nixon, Noyes, Atkinson and LSRHS have been completed and have received positive feedback.

Curtis and Haynes lighting upgrades are in progress.

- b. Refrigeration improvements for Curtis and Noyes school cafeterias have been implemented.

- c. Weatherization and air sealing for Curtis has been completed, and is scheduled for Noyes.

- d. An Electric Vehicle (EV) for a Town employee will be delivered this month and the public charging station has just been completed and is operational at the DPW.

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- e. Goodnow Library EMS / Controls Upgrade – this is a complex project, revised specification development is underway and is expected to go to bid early in the New Year.

3) 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.

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 were offered to our residents. The 36 month 17% green energy was selected as the default option.

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This default option gives 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.

Additionally, residents were offered an opt-down option, with only the State mandated 12% green energy, at a lower rate and an opt-up 100% green energy option at a slightly higher rate.

Significant community outreach to inform residents about the program was done, this included public meetings along with a descriptive postcard mailed to each resident.

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

The program has been well received with only a handful of residents opting-out.

The Municipal Aggregation has saved residents money and has decreased Sudbury's carbon footprint.

4) PV – DPW & Goodnow Library Initiative, update:

The DPW building and the Goodnow Library are being evaluated as potential locations for additional Sudbury PV array deployment.

A couple proposals have been received and are in the process of evaluation.

5) Green Community Annual Report

As a designated Green Community Sudbury is required to provide an Annual Report to the Department of Energy Resources that details all Municipal and School buildings energy use, Municipal vehicle gasoline and diesel fuel consumption, changes to our Municipal Vehicle fleet, details on buildings constructed under the Stretch Code, ongoing and future energy conservation projects and production at Town solar arrays.

Needless to say this is an exhaustive report and the committee thanks Kurt and Jim for their hard work to assemble and submit this report by the December 11th deadline.

6) Approval of Meeting Minutes:

Minutes from the May 24th meeting were approved.

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7) **Other Business?**

Scheduled Energy Committee Meetings: (DPW Building conference room)

The public is welcome at all meetings.

December 20th at 6:30pm

January 17th at 6:30pm

February 21st at 6:30pm

Adjournment: The Energy Committee meeting was adjourned at 8:17pm.

Minutes submitted by: Edward Lewis, November 17, 2017