

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes February 22, 2018**

**OPENING:**

The February 22<sup>nd</sup>, 2018 meeting of Sudbury’s *Energy and Sustainability Committee* was opened by Chairman Bill Braun at 6:10pm at the DPW Building conference room.

**ATTENDANCE:**

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

**AGENDA:**

1. Solarize Initiative Update
2. Green Community Grant Update
3. Municipal Aggregation Update
4. Green Community Annual Report
5. Approval of meeting minutes
6. Other business?

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes February 22, 2018**

**1) Solarize Initiative Update:**

Work continues on Solarize Mass 2017. Sudbury has partnered with Wayland and Lincoln to increase the reach of the program and they currently have over 60 PV and Solar Thermal systems contacted for. The contracted PV systems exceed 320 kW.

For more information: [www.SolarizeLSW.org](http://www.SolarizeLSW.org)

The Committee heartily thanks Bob Morrison for his hard work to make this program successful.

**2) Green Community Grant Update:**

The Energy Committee had requested, and was awarded, \$250,000 in Green Community Competitive Grant funding for a robust set of high gain energy efficiency / sustainability projects.

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, Curtis, Haynes, Nixon, Noyes, Atkinson and LSRHS have been completed and have received positive feedback.
- b. Refrigeration improvements for Curtis and Noyes school cafeterias have been implemented.
- c. Weatherization and air sealing for Curtis & Noyes have been completed.
- d. A Ford Focus Electric Vehicle (EV) for the Town Building Inspections department has been delivered and the public charging station has been completed and is operational at the DPW. Positive feedback from Town staff, and residents, has been received.
- e. Goodnow Library EMS / Controls Upgrade – this is a complex project, and as it was being evaluated on-site additional issues were uncovered that needed to be rectified to maintain and increase HVAC operational efficiency. The entire project was bid, all bids were fully vetted and the low bidder was recommended to the Committee for endorsement.

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes February 22, 2018**

The consensus was the project is well thought out, intelligently designed, will save energy and will provide better environmental control for the Library.

The Committee voted unanimously to provide a recommendation to the Town Manager to accept the low bid proposal and to provide the expanded scope funding required from the Energy Savings Revolving Fund using the proceeds from the Landfill Solar Array.

**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 approved 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 Dynegy offered the most competitive overall rate structure, terms, and inclusion of locally sourced green energy. Dynegy was also the Aggregation Consultant’s recommendation.

Dynegy 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 was priced at \$0.10759/kWh for July thru December 2017 and is \$0.13157 for January thru June 2018. By State law Eversource reprices electrical supply every six months.

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes February 22, 2018**

Under Community Choice Aggregation several options were offered to our residents. The 36 month 17% green energy was selected as the default option.

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 2017 thru June 2018 Eversource rates.

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) 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.

The Green Communities Annual Report was completed and submitted before the December 11<sup>th</sup> deadline, the committee heartily thanks Kurt and Jim for their hard work.

**5) Approval of Meeting Minutes:**

Minutes from the November 16<sup>th</sup> meeting were approved.

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes February 22, 2018**

**6) Other Business?**

Jim Kelly, Sudbury resident, has stated his intent to apply for membership on the Committee. Jim's help in his previous position, as the Town's Facilities Director, was invaluable to the Energy Committee's mission and we are thankful to retain the benefits of his skill set and institutional knowledge.

Scheduled Energy Committee Meetings: (DPW Building conference room)

The public is welcome at all meetings.

March 28<sup>th</sup> at 6:00pm

April 25<sup>th</sup> at 6:00pm

May 16<sup>th</sup> at 6:00pm

**Adjournment:** The Energy Committee meeting was adjourned at 8:15 pm.

*Minutes submitted by: Edward Lewis, February 27, 2018*