

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes May 20, 2015**

OPENING:

The May 20, 2015 meeting of Sudbury’s *Energy and Sustainability Committee* was opened by Chairman Bill Braun at 7:35pm in the DPW conference room.

ATTENDANCE:

Committee Members	Attending
Rami Alwan	X
William Braun – Chairman, Energy and Sustainability Committee	X
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	

AGENDA:

1. TM Reviews:
 - a. Landfill Solar Payments
 - b. Municipal Aggregation Follow-up
2. ESCO Projects Update
3. Update: GC Grant Projects
 - a. Streetlights
 - b. Fairbank Rooftop Unit
 - c. Library
 - d. LS Lights
4. DOER Technical Assistance Grants
5. Next GC Grant Opportunity?
6. Approval of meeting minutes
7. Other business?

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes May 20, 2015**

1. TM Reviews:

a. Landfill Solar Payments

Jim K. continues to work with Eversource and town / school accounting personnel to collect and distribute the net metering credits from the landfill solar array. Voters at Town Meeting were informed of the short term methodology to insert net metering credit checks into the general fund along with the associated budget adjustments required to account for this.

It should be noted the landfill solar array has been operating above the estimated model, so the town is saving more money (i.e. more net metering credit) than originally estimated, however the accounting portion of this is a new process and has turned out to be very complex to implement within the world of Municipal accounting best practices.

For the long term it is hoped to set up a dedicated revolving fund to allow deposit of net metering checks and payment of portions of electric bills.

b. Municipal Aggregation Follow-up

The committee thanks Rami for his hard work developing and presenting the Municipal Aggregation proposal at Town Meeting. After some discussion Town Meeting voted overwhelmingly to authorize pursuing Municipal Aggregation.

MAPC is launching a program to allow shared development of the documents and contracts required for Municipal Aggregation. The Energy Committee voted to join the MAPC effort and Jim K. will represent Sudbury. Participation in this will allow Sudbury access to commonly developed procurement documents, contracts and perhaps access to a consultant. Participation in the MAPC effort does not commit Sudbury to implementing Municipal Aggregation or to utilizing any part of the co-developed materials.

2 ESCO Projects Update

The ESCO projects are well underway. Significant work has been accomplished including replacement of multiple transformers with energy efficient units, re-lamping with energy efficient lights and installing energy efficient lighting controls. Many weatherization efforts at the schools were accomplished during the school vacation week. Load shedding software has been installed on the town computers.

ACTION: Bob to take a look at the control drawings, provide any input on operation.

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes May 20, 2015**

3 Green Communities Grant Projects

Mass DOER awarded Sudbury \$250,000 in competitive Green Communities grants. They funded all four projects submitted with the maximum award.

a. LED Streetlights town wide for Sudbury

Sudbury, along with several other towns, joined with the Metropolitan Area Planning Council (MAPC) to consolidate multiple towns LED streetlight requirements to drive more favorable volume pricing. This RFQ was let, and after close analysis Sudbury determined that Tanko Lighting offered the most favorable overall option. The first step of this process is to have an Industrial Grade Audit done of all the lights targeted for replacement. This audit will include exact details of each light, including checking the lighting levels will provide an exact lighting replacement recommendation along with the more thorough calculation of the energy savings. After this audit is complete and accepted by the town the project to replace over 600 Sudbury streetlights will get underway.

b. Fairbank Rooftop Unit

The highly efficient rooftop energy recovery HVAC unit has been installed and is in the final stages of commissioning.

c. Library

The library retro-commissioning project has been completed. The report was provided to town and the Energy Committee. After review it was decided that adjustments to the maintenance protocols performed at the library need to be made and additional operational changes may be forthcoming.

d. LS Lights

All the high efficiency LED lighting upgrades have been completed for the LSRHS parking lot, outdoor building lights and the lights leading to the football field. The response to the energy saving lights has been very favorable.

These projects are reducing Sudbury's energy consumption while providing the town and LSRHS upgraded lighting, improved environment control at the library and replaced an aging and inefficient HVAC unit for the Fairbank multi-purpose room.

4 DOER Technical Assistance Grants

The Department of Energy Resources has just released information about another round of Technical Assistance Grants. There is a limited pool of money available for applications starting June 22 and they have a limited and specific set of applicable uses.

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes May 20, 2015**

ACTIONS: Jim K. to determine how much money is left on our current Owner's Technical Assistance Grant (working with the ESCO project)

Ed to investigate grant details and determine if the last OTA grant must be fully expended before applying for this round of grants

5 Next GC Grant Opportunity?

The committee was reminded to think about potential projects to evaluate for the next round of Green Community Grants, perhaps with utilizing money from the Energy Stabilization fund to increase the scope and size of projects. Upgraded controls for the Curtis Middle School continue to be a potential for a high gain, larger scale project.

ACTION: Group – come to next meeting prepared to scrub list of potential projects that were assembled for inclusion into stabilization fund projects.

6 Approval of meeting minutes

Minutes from the April 22nd Energy Committee meeting were unanimously approved.

7 Other business?

Rami provided an update on the LSRHS solar canopy project. The construction portion of the project is completed and Eversource has been asked to complete the final interconnection ASAP.

Scheduled Energy Committee Meetings: (DPW Building conference room - 7:30 p.m.)

- June 17, 2015
- July 15, 2015
- August 19, 2015

Adjournment: The Energy Committee meeting was adjourned at 9:05pm.

Minutes submitted by: Edward Lewis, May 22, 2015