

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes June 23, 2015**

**OPENING:**

The June 23, 2015 meeting of Sudbury’s *Energy and Sustainability Committee* was opened by Chairman Bill Braun at 8:30pm in the DPW conference room.

**ATTENDANCE:**

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

**AGENDA:**

1. Tour Police Station – review systems and energy measures – Meet at Police Station
2. Municipal Aggregation
3. ESCO Projects Update
4. GC Grant Projects Update
5. GC Status and next grant opportunity?
6. Approval of meeting minutes
7. Other business?

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1) **Tour Police Station:**

Prior to the meeting the Energy Committee met at the construction site of the new Police station to review energy conservation measures.

Due to a coordinated effort between the town, the PBC and the Energy Committee, along with funding from grants and utility incentives, this facility is being built to meet Advanced Building Design Standards. This requires a higher level of energy efficient design and construction above the current building codes.

The Committee spent an hour touring the facility and reviewing the building envelop and mechanical systems. The Committee was very impressed at the quality of the overall building construction (and the foam insulation / air sealing job) along with the highly efficient mechanical systems and controls.

This facility is on its way to becoming a showcase of energy efficient design and construction and will provide a quality environment for our Police force and save on utility costs over the life of the building.

2) **Municipal Aggregation:**

MAPC is launching a program to allow shared development of the documents and contracts required for Municipal Aggregation. Membership on this committee could allow Sudbury to use commonly developed procurement documents, contracts and perhaps access to a consultant. However, MAPC has not formally launched this Committee yet, as they do not have critical mass and are waiting for a couple more towns to join. MAPC has advised that, according to the State regulations, towns can also individually hire a consultant to go forward with Municipal Aggregation.

The Committee decided to wait and see if the MAPC effort to recruit more towns has yielded before our next meeting, if it has not, the decision will be made to wait or proceed ahead outside of the MAPC group.

3) **ESCO Projects Update**

The ESCO projects are well underway. Significant work has been accomplished including new efficient transformers, a significant number of lighting projects (re-lamping and controls), EMS design / bid work for Nixon school and water saving devices are being installed town-wide.

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4) **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, thru the MAPC group effort to consolidate multiple towns LED streetlight requirements to drive more favorable volume pricing, chose Tanko Lighting for our streetlight project.

The contract for Tanko Lighting to conduct the required Industrial Grade Audit of all the lights targeted for replacement is in final stages. This audit will include exact details of each light, and will provide an exact lighting replacement recommendation along with a more thorough calculation of the energy savings. After this audit is 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 has been fully commissioned.

c. Library

The library retro-commissioning project has been completed. After review of the report it was decided that adjustments to the maintenance protocols performed at the library need to be made and additional operational and system repairs / upgrades are required.

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.

5) **GC Status and next grant opportunity?**

The committee was reminded to think about potential projects to consider 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.

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Potential projects include:

- Upgraded controls for the Curtis Middle School
- Upgraded controls for the Library mechanical systems
- Upgrade of the Library building envelop

6) **Approval of meeting minutes**

Minutes from the May 20<sup>th</sup> Energy Committee meeting were unanimously approved.

7) **Other business?**

Rami provided an update on the LSRHS solar canopy project. The array has been completed and was interconnected in May. Final punch list items are underway.

Items to discuss at next meeting:

- Solar Vendor listing for Sudbury residents
- Update of the Town / Energy Committee website
- Revolving fund for Energy projects
- LED's for the LSRHS Auditorium - Utility incentives available?

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

- July 15, 2015
- August 19, 2015
- September 16, 2015

**Adjournment:** The Energy Committee meeting was adjourned at 9:20 pm.

Minutes submitted by: Edward Lewis, June 25, 2015