

**Sudbury, MA, Energy and Sustainability Green Ribbon Committee
Meeting Minutes January 15, 2013**

OPENING:

The January 15th, 2013 meeting of Sudbury's *Energy and Sustainability Green Ribbon Committee* was opened by Bill Braun at 7:33pm at the DPW Building.

ATTENDANCE:

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

AGENDA:

1. Landfill Solar PPA
2. Electricity Purchase Agreement
3. ESC IGA's
4. Green Community Updates
5. MEI
6. Pool Roof – Solar
7. Street Lights
8. Town Construction Standards
9. Future Committee Activities / initiatives
10. Approval of meeting minutes
11. Other business

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1. Landfill Solar PPA Update

- a. The town and Ameresco are working with the MA DEP to secure both the landfill Closure Permit and the Post Closure Use Permit. Some additional sampling data was requested, this is underway and the applications are expected to be filed by the end of January.
- b. The Site Plan Review meeting for all stakeholders to review the detailed site plan will be held in February.
- c. Secure Interconnect Permit from NSTAR – a verbal okay has been granted, the written agreement is in process. NSTAR has been onsite and is determining pole placement.

2. Electricity Purchase Agreement

The town's current electricity purchase agreement was discussed. This agreement runs thru December of 2014 and there are multiple potential renewal scenarios. It has been suggested the Energy Committee might be able to add value on the review of these options, along with the town's natural gas contract. The Committee agreed to review at a future date.

3. ESCO IGA's

Investment Grade Audits of Sudbury's municipal buildings are underway by Ameresco. These will provide in depth engineering projects that are available to increase the energy efficiency and improve the conditions and / or operations of our municipal facilities. These are targeted to be complete by February 15th, and will be evaluated by the town and the committee for potential projects.

4. Green Community Updates

The Green Community Annual Report, reviewing Sudbury's conservation activities in 2012, was submitted to the MA DOER on time. The Committee thanks Bill and Jim for their work assembling and submitting this detailed report.

The Fairbank Center energy recovery make-up air unit project is underway. Some of the equipment has arrived and is being staged for install. The project is targeted to be complete in March.

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5. MEI

The Mass Energy Insight (MEI) energy consumption data aggregator was discussed. Group consensus is the tool is useful but additional data analysis is required to get an accurate understanding of how each building / cost center is doing energy consumption wise.

Kurt has volunteered to do this and will present findings at the next meeting.

6. Pool Roof – Solar

A possible solar installation on the Atkinson pool roof was discussed. First pass it appears the roof would be viable for PV / Solar Thermal installation due to favorable solar window, limited roof penetrations and structural integrity. This will be evaluated further as a potential project to be submitted for funding from the next Green Communities Grant round.

7. Street Lights

In 2010 a project was undertaken to replace all the incandescent and mercury vapor street lights with much more efficient sodium vapor lamps. This impacted about half of Sudbury's street lights and is considered a success as our street lightning costs have decreased and lighting has been improved.

It was suggested to evaluate the energy savings from replacement of the older less efficient sodium vapor lamps (which were not replaced in 2010) with higher efficiency units. The committee will review and discuss with NSTAR which provided significant rebates for the prior replacement and could help with this project.

8. Town Construction

The committee discussed the merits of the current construction standards and concluded the recommendation to the town for future construction projects would be to follow the Stretch Code to ensure highly energy efficient building practices.

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9. Future Committee Activities / Initiatives

An open discussion was held to solicit committee member input of future activities, initiatives, goals and objectives for the Energy Committee. A wide range of activities are chartered under our mission statement and committee members should be prepared to discuss at a future meeting.

10. Approval of meeting minutes:

Minutes from the October 11th, and the November 20th meetings were unanimously approved.

11. Other business:

Committee members should continue to think about and provide input on desirable skill sets for a new member.

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

- February 19th, 2013
- March 19th, 2013
- April 16th, 2013

Adjournment: The Energy Committee meeting was adjourned at approximately 9:48 pm.

Minutes submitted by: Edward Lewis 17 January 2013