

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes November 18, 2014**

OPENING:

The November 18th, 2014 meeting of Sudbury’s *Energy and Sustainability Committee* was opened by Chairman Bill Braun at 7:30pm in the DPW conference room.

ATTENDANCE:

Committee Members	Attending
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
Facilities Director, Town of Sudbury	
James Kelly	X
Guests	

AGENDA:

1. ESCO Update & Next Steps
2. Nixon School Renovation
3. Green Community Annual Report
4. Green Community Grant Projects
 - a. LED Streetlights
 - b. Fairbank Rooftop Unit
 - c. Library
 - d. LS Lights
5. LS PV Update
6. Municipal Aggregation
7. Approval of meeting minutes
8. Other business?

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1 ESCO Update

The revised ESCO contract is in final review with town council for approval. There have been several revisions back and forth between Sudbury and Ameresco. Sudbury town council has requested an in person meeting with council from Ameresco to iron out the final details.

The Energy Committee is in the process of reviewing the scrubbed ECM list to determine final applicability of the measures. A significant concern was raised by the town's IT department regarding the potential installation of load shedding software on the town's networked computers.

Ameresco will also review the ECM list to confirm the measures are still applicable and a kick-off meeting with Ameresco, the Energy Committee and town personnel will be scheduled to review the entire project scope.

2 Nixon School Renovation

An article has been submitted for Sudbury's December 3rd Special Town Meeting to request voter approval of funding for partial roof, window and door replacements and building envelope repair projects at the Nixon school. Should the voters approve funding, it is expected that Sudbury's funds will be augmented by a significant state grant.

Jim K. provided an overview of these projects which include replacing decades old single pane windows with high efficiency double pane windows, improving the building envelope and adding insulation during the roof repair. These improvements will be done to meet Sudbury's current Stretch Energy Code and will increase the energy efficiency and creature comfort of Nixon School.

The Energy Committee voted unanimously to support this article.

3 Green Community Annual Report

Kurt and Jim K. have been working on the energy reduction numbers and the narrative for Sudbury's Green Community annual report. Sudbury has shown a very significant reduction in town-wide energy use since becoming a green community. This is especially gratifying in that before becoming a green community Sudbury had already done many energy related projects to reduce energy use and costs.

ACTION: Jim K and Kurt to distribute the draft report for the committee to review / comment.

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4 Green Communities Grant Projects

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

- a. LED Streetlights town wide for Sudbury
 - a. Jim K. is investigating the most beneficial way to get the LED streetlights purchased, installed and maintained. Options under investigation include, direct purchase from a State Bid list approved LED streetlight vendor, working with MPAC on their efforts to consolidate multiple towns LED streetlight requirements to drive more favorable volume pricing, and investigating ESCO's to provide procurement and installation under Mass general laws section 25A. MPAC is close to releasing the RFP for volume LED purchase.
- b. Fairbank Rooftop Unit
 - a. Significant progress has been made on this project. The roof over the Fairbank multi-purpose room has been prepared and the highly efficient rooftop energy recovery HVAC unit is in the installation process.
- c. Library
 - a. The library retro-commissioning project is being scheduled to start in the near future. Jim K. has confirmed that energy saving recommendations will be provided in the retro-commissioning report.
- d. LS Lights
 - a. After an in depth review of the project NSTAR has increased the rebate available for the LSRHS parking lot and outdoor building lights. This will allow LS to also replace the lights leading to the football field with high efficiency LED's. This project will start before the end of the year.

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

5 LS PV Update

Rami provided an update on the LSRHS solar canopy project. Although work has been underway, with footers, steel framing and decking installed, the project has not progressed as fast as expected. Sun Edison (project owner) is replacing the onsite GC team to expedite project completion.

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6 Aggregation Discussion

After meeting separately with both GoodEnergy Consulting and Bay State Consultants regarding Municipal Energy Aggregation for households and small business the energy committee discussed next steps.

Significant discussion revolved around what role, if any, should the energy committee have in possible residential aggregation and how should / would we proceed.

No clear majority opinion emerged and it was decided to investigate residential aggregation further.

Marlboro has just begun utilizing a municipal aggregator to offer its residents the choice of procuring their electricity from an aggregator and it was thought it would be helpful to understand how their process went and what benefits they are seeing.

ACTIONS:

Ed - find out who Marlboro's aggregator is and invite them to present to the energy committee

Rami - check with LSRHS aggregator to see if they offer residential aggregation

7 Approval of meeting minutes

Minutes from the September 24th energy committee meeting were unanimously approved.

8 Other business?

Jim K. and Bill are working with NSTAR to adjust the Schedule Z which determines exactly which town electrical accounts the Net Metering credit from the landfill solar farm is applied against.

Bob will distribute to the group information on NGRID's programmable Wi-Fi thermostat rebate offerings.

Ed assembled a tabulation of grants and rebates received by Sudbury via the energy committee. The committee reviewed the latest revision which showed over \$1.162M in grants and rebates.

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

- December 17th, 2014
- January 21st, 2015
- February 18th, 2014

Adjournment: The Energy Committee meeting was adjourned at 9:35pm.

Minutes submitted by: Edward Lewis, December 4, 2014