

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes September 24, 2014**

OPENING:

The September 24th, 2014 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	X
Edward Lewis	X
Joe Martino	X
Robert Morrison	
Kurt Reiss	X
Mark Sevier	X
Facilities Director, Town of Sudbury	
James Kelly	X
Guests	
Philip Carr – Director of Business Development – GoodEnergy	X
John P. O’Rourke – Director of Marketing Northeast – GoodEnergy	X
Stefano Loretto – Director of Business Development - GoodEnergy	X

AGENDA:

1. Aggregation Presentation
2. ESCO Update & Next Steps
3. GC Grant Projects
 - a. LED Streetlights
 - b. Fairbank Rooftop Unit
 - c. Library
 - d. LS Lights?
4. Grant Tabulation
5. Schools Parking Lot Lights – Stabilization Fund?
6. LS PV Update?
7. Approval of meeting minutes
8. Other business?

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1 Aggregation Presentation

Philip Carr, John O'Rourke and Stefano Loretto from GoodEnergy presented on Municipal Energy Aggregation.

GoodEnergy is a consulting company specializing in bulk aggregation of a community's residential and small business electrical accounts. By purchasing electricity in bulk and having flexibility with the procurement cycle they can offer a fixed long term electricity supply rate (one, two or three years) generally with a lower cost than individuals can get thru their local utility.

They also offer access to renewable energy so a community can select to purchase a percentage of their electricity from renewable sources.

Aggregation of electrical accounts and bulk electricity purchase has long been common for municipalities and larger business clients; however it is just starting to become more widely available for residential customers and small businesses. GoodEnergy's goal is to accumulate 100,000 accounts to drive significant volume based discounts.

The high level process used is to place a warrant for town meeting vote and if approved the residents would have the choice to purchase their electricity under the aggregation (with a fixed price) or they could continue to purchase from NSTAR or any of the other energy companies offering electric supply in Sudbury. Residents would continue to receive a single bill from NSTAR with one line for transmission and delivery (paid to NSTAR) and one line for electricity supply paid to the aggregator.

Their presentation was informative and the Energy Committee has tasked itself to learn more about this opportunity and to talk to other companies that offer this service.

After further analysis the committee will determine what the next steps (if any) would be.

2 ESCO Update & Next Steps

a. Projects

The revised ESCO contract is in final review with town council for approval.

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 network.

Ameresco will also review the ECM list to confirm the measures are still applicable.

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b. OATA Grant

Sudbury has received a \$12,500 grant for Owners Agent Technical Assistance from the Mass DOER. The committee has elected to use part of it to involve Peregrine Energy Group to review and advise on the final ESCO contract, ECM's, project plans, and commissioning activities.

3 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.

b. Fairbank Rooftop Unit

- a. Significant progress has been made on this project. The highly efficient rooftop energy recovery HVAC unit has been ordered and the roof area is being prepared for its installation over the Fairbank multi-purpose room.

c. Library

- a. The library retro-commissioning project is being scheduled to start in the near future. It can be beneficial to do this during the shoulder season (i.e. where the building needs both heating (early in the morning) and cooling (after the temperature outside rises and the building has occupants and equipment generating heat). Jim K. has confirmed that energy saving recommendations will be provided in the retro-commissioning report.

d. LS Lights

- a. The project to install LED parking lot and outdoor building lights for LSRHS is scheduled to begin in November to avoid conflict with the ongoing Solar Canopy project.

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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.

4 Grant Tabulation

Ed assembled a tabulation of grants and rebates received by Sudbury via the energy committee. A first draft has been circulated to the committee for review at our next meeting.

5 Schools Parking Lot Lights – Stabilization Fund?

Due to time constraints this discussion was tabled until our next meeting.

Background: The committee needs to be investigating and developing future energy conservation related capital improvement projects for potential funding from the Energy Stabilization Fund that was authorized at Sudbury's May 2014 town meeting.

Potential projects currently include, upgrades in SPS cafeteria and parking lot lights, and replacement of the aging domestic water heater at Nixon school with a newer more energy efficient model.

Any projects utilizing Energy Stabilization Funds need to be approved at town meeting.

6 LS PV Update?

Rami provided an update on the LSRHS solar canopy project. Work is underway, footings are being poured and the steel structures and decking are being assembled. The project is slightly behind schedule but they are working hard to complete the system in time for the NSTAR interconnect date in Mid-November.

7 Approval of meeting minutes

Minutes from the August 13th energy committee meeting were unanimously approved.

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8 Other business?

A discussion regarding the scheduling of the standing energy committee meetings was held. The third Tuesday of each month was implemented early in the energy committee tenure and recently it has proven to be problematic due to coinciding with some other town / school meetings so we are going to switch to scheduling meetings on Wednesdays.

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

(NOTE – these meetings are scheduled on WEDNESDAYS)

- October 15th, 2014
- November 19th, 2014
- December 17th, 2014

Adjournment: The Energy Committee meeting was adjourned at 10:15pm.

Minutes submitted by: Edward Lewis, September 25, 2014