

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes January 21, 2015**

OPENING:

The January 21st, 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	X
Edward Lewis	X
Joe Martino	X
Robert Morrison	X
Kurt Reiss	
Mark Sevier	X
Facilities Director, Town of Sudbury	
James Kelly	X
Guests	
Brian Murphy - Colonial Power Group, Inc.	X
Mark Cappadona – Colonial Power Group	X

AGENDA:

1. Presentation: Community Choice Aggregation – Colonial Power Group
2. Annual Town Report
3. ESCO Update
4. GC Grant Projects
 - a. LED Streetlights
 - b. Fairbank Rooftop Unit
 - c. Library
 - d. LS Lights?
5. Solar Array Updates
6. Approval of meeting minutes
7. Other business?

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes January 21, 2015**

1 Presentation: Community Choice Aggregation – Colonial Power Group

Brian Murphy and Mark Cappadona from Colonial Power Group presented on aggregation of residential electrical supply contracts.

Colonial Power Group is an energy consulting company and licensed electricity broker who are focused exclusively on Community Choice Aggregation (CCA) Programs in Massachusetts. They are one of the more established aggregators operating in Massachusetts and have worked with almost 60 communities who are currently offering CCA programs for residential and small business electrical supply.

They provided an overview of their company and discussed the typical CCA timeline along with lessons learned from their successful aggregation endeavors.

We had a lively and informative discussion which was very helpful to extend the committee's knowledge on this subject.

The committee thanks Brian and Mark for their time and insights.

After they left the committee discussed support for aggregation and next steps.

It was unanimously decided the Energy Committee should spearhead the effort to educate Sudbury residents on Community Choice Aggregation. The first step is to submit a warrant article for the 2015 Annual Town Meeting to get approval to start the process to potentially offer CCA for Sudbury residents.

Rami has volunteered to be the lead for this effort assisted by the rest of the committee.

ACTIONS:

Colonial Power to provide an e-copy of their presentation and an overview of Sudbury's residential and small business electrical consumption.

Jim K. to submit warrant article for town authorization utilizing established legal language recommended by MA DPU

Jim K. to request a spot on the Board of Selectman meeting agenda for the EC to provide them an overview of community choice residential aggregation

Rami to prepare PowerPoint (with EC support) on CCA overview for the Selectmen

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes January 21, 2015**

2 Annual Town Report

Ed drafted the Energy Committee's 2014 annual report (to be included in the town's annual report) it had been distributed previously to the committee for review, then discussed and unanimously approved for submittal at this meeting.

3 ESCO Update

The final revisions of the ESCO contract were completed and it has been signed by both Sudbury and Ameresco. Sudbury has provided a notice to proceed and a kick-off meeting with Ameresco, the energy committee and town personnel to review the project has been scheduled for January 27th, 2:00pm at the DPW building.

Funding has been procured in the form of a Municipal Lease, as authorized by the voters at last town meeting. By law, the cost of the ESCO projects must be paid by the energy and operational savings, so there will be no net cost to Sudbury's taxpayers.

4 Green Communities Grant Projects

Mass DOER 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. 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 has determined that Tanko Lighting offers the most favorable overall option. Tanko Lighting has responded with several options of highly efficient LED streetlights.

Action: Jim K. to see if samples of the various options could be obtained / installed to evaluate further before completing all 600 streetlights.

b. Fairbank Rooftop Unit

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

c. Library

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes January 21, 2015**

- a. The library retro-commissioning project has been scheduled to start the end of the month.

- d. LS Lights
 - a. NSTAR increased the rebate awarded for the LSRHS parking lot and outdoor building lights; this allowed LS to also replace the lights leading to the football field with high efficiency LED's. All the lighting upgrades have been completed and the response to the energy saving lights has been very favorable.

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 Solar Array Updates – LS Solar Canopy & Sudbury Solar One

Rami provided an update on the LSRHS solar canopy project. Since the new General Contractor started the project has seen significant progress, all the footers and steel framing have been installed and the decking is approximately 80% complete. Estimated completion date is mid April.

The output of Sudbury Solar One (landfill solar array) has exceeded its model during its first full year of operation. In one year the 6,048 photovoltaic (PV) panels have generated over 1.9 million kWh of electricity. At the average annual usage of 8,064 kWh per Mass household the array has generated enough electricity to supply over 235 households.

This solar generation has offset over 1.37 million pounds of carbon dioxide (CO₂) thus lowering our carbon footprint.

The landfill PPA was installed and is operated at no cost to the town. In the first year of operation this facility has saved Sudbury over \$150,000 in electricity costs, and has provided \$12,500 as a Payment In Lieu Of Taxes, all while utilizing a previously unused land parcel.

6 Approval of meeting minutes

Minutes from the November 18th energy committee meeting were unanimously approved.

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes January 21, 2015**

7 Other business?

The Energy Committee will submit articles for approval at the 2015 annual town meeting to fund, and allocate funding from, the Energy Savings Programs Stabilization Fund which was established at the 2014 annual town meeting.

ACTION: Jim K. to draft articles and send to Energy Committee for review.

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

- February 18th, 2015
- March 11th, 2015
- April 15th, 2015

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

Minutes submitted by: Edward Lewis, January 22, 2015