

**Sudbury, MA, Energy and Sustainability Committee  
Meeting Minutes September 18, 2019**

**OPENING:**

The September 18th, 2019 meeting of Sudbury’s *Energy and Sustainability Committee* was opened at 6:04pm at the DPW Building conference room.

**ATTENDANCE:**

<b>Committee Members</b>	<b>Attending</b>
Rami Alwan - Chairman, Energy and Sustainability Committee	X
William Braun – Emeritus Chairman	
Jim Cummings	
Edward Lewis	X
Joe Martino	X
Robert Morrison	X
Mark Sevier	X
Gary Bean	X
<b>Facilities Director, Town of Sudbury</b>	
William Barletta	X
<b>Guests</b>	

**AGENDA:**

1. Approval of Meeting Minutes
2. Good Energy, LP and Sudbury Rate Code Summary discussion
3. New Bottle fillers to be installed – Fairbank, Haskell Field and LSRHS field
4. New electric vehicle in use by Assessors and proposed Flynn building charging station grant
5. Summer Electricity Demand Reduction requests
6. Ameresco Annual M&V Report - Year 2
7. Mass Energy Insight data entry
8. Green Communities Final Report
9. Energy Management System issues follow up
10. New project ideas for the next round of Grants
11. Funding for LSRHS lighting project
12. Town energy purchase contract
13. Other business?

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**1) Approval of Meeting Minutes:**

Minutes from the June 19, 2019 meeting were approved.

**2) Good Energy, LP and Sudbury Rate Code Summary discussion**

A PowerPoint presentation received from Good Energy, our residential aggregation consultant, provided detailed information on the current statistics regarding participation, opt-out and opt-up in the aggregation program.

**ACTION:** Bill B. to have presentation posted on the Town's Energy Committee web page.

**3) New Bottle fillers to be installed – Fairbank, Haskell Field and LSRHS field**

Kelly Devaney led an effort by Sustainable Sudbury to write a grant for three new water bottle fillers. The grant has been awarded and three bottle fillers have been ordered. The Town will install and maintain these at Fairbank, Haskell Field and LSRHS.

The committee thanks Kelly and Sustainable Sudbury for their efforts.

**4) New electric vehicle in use by Assessors and proposed Flynn building charging station grant**

EV "make ready" grant potentials were discussed – under this program, if approved, Eversource will provide cabling for EV charging stations. The Flynn building is one proposed area for a charging station.

A new Nissan Leaf EV has been purchased by the Town to be used by the Assessor's office.

The Town now owns two fully electric vehicles in a continuation of the effort to green the municipal fleet.

**5) Summer Electricity Demand Reduction requests**

The Town received no Demand Reduction requests last summer.

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**6) Ameresco Annual M&V Report - Year 2**

The guaranteed savings calculations and measurements from year 2 of the Town's Performance Contract have been provided under the Measurement and Verification contract.

The ESCO (Energy Savings Contract) has met the FY2019 energy and cost reduction contractual goals.

**7) Mass Energy Insight data entry**

The Town has entered the additional data required into Mass Energy Insight (MEI) to start the process of compiling Sudbury's FY2019 Green Communities Annual Report.

**8) Green Communities Final Report**

Facilities Director Barletta submitted Sudbury's Green Community Competitive Grant final report to the Department of Energy Resources (DOER).

The DOER had one follow-up question regarding incentive confirmations. Once that data is provided it should fully close out all required paperwork and inspections on those projects and will enable Sudbury to be eligible for the next round of grants, expected in March 2020.

**9) Energy Management System issues follow up**

There was discussion on the status of the Energy Management System / controls installed for the Goodnow Library project. The Library system is controlled utilizing Johnson Controls (JCI) Facility Explorer Supervisor. This system utilizes JACE controllers to provide connectivity from HVAC and other mechanical equipment via a Niagara framework.

Bill Barletta reports the JCI system is functioning, but is not integrated with other Town systems and provides many operational challenges.

Group consensus is the Town Building Management System needs to be upgraded to provide a holistic, integrated system with the same look, feel and functionality for all Town / School facilities.

This is believed to be a strong, high gain project to submit for next year's Green Community Grants.

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**10) New project ideas for the next round of Green Community Grants**

The Committee needs to be developing projects to be submitted for the next round of Green Community Grants.

As mentioned above a Town-wide integrated Energy / Building Management System would allow the facilities group to better trouble shoot, control and energy optimize equipment / buildings / operation. This should encompass all Town and school facilities and provide Smart Start and other advanced energy optimization capabilities.

Additionally, a service contract should be considered to maintain the system and make sure it is kept up to current software levels.

Boiler upgrades were discussed as another project to be considered for Green Community Grant funding.

**11) Funding for LSRHS lighting project**

Eversource has a grant program underway to retrofit fluorescent bulbs and ballasts to high efficiency and long lived LED's.

They will pay as much as 75% towards the projects, assuming a maximum of a two year payback.

The High School appears to have significant opportunities to upgrade lighting and ballasts to save on energy and ballast replacement costs. The Committee supports investigating this project.

**ACTION: Rami to get more details on the incentive program and provide to the committee.**

**12) Town energy purchase contract**

The Town's Energy Aggregation agreement is up for renewal soon and strategies should be discussed before years end.

**13) Other Business?**

Gary Bean was appointed to the Energy Committee at a recent Board of Selectmen meeting and is heartily welcomed.

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**14) Dates for next meetings:**

Scheduled Energy Committee Meetings: (DPW Building conference room)

The public is welcome at all meetings.

October 16<sup>th</sup> at 6:00PM

November 20<sup>th</sup> at 6:00PM

December 18<sup>th</sup> at 6:00PM

**Adjournment:** The Energy Committee meeting was adjourned at 7:42pm.

*Minutes submitted by: Edward Lewis, October 7, 2019*