

**Sudbury, MA, Energy and Sustainability Green Ribbon Committee  
Meeting Minutes February 21<sup>st</sup>, 2012**

**OPENING:**

The February 21st, 2012 meeting of Sudbury’s *Energy and Sustainability Green Ribbon Committee* was opened by Bill Braun at 7:35 pm in the DPW Building conference room.

**ATTENDANCE:**

<b>Committee Members</b>	<b>Attending</b>
Rami Alwan	
William Braun – Chairman, Energy and Sustainability Green Ribbon Committee	X
Jennifer Dudgeon	
Edward Lewis	X
Joe Martino	X
Michael Melnick, Co-Chairman - Sudbury PBC	X
Robert Morrison	X
Kurt Reiss	X
Mark Sevier	
<b>Building Inspector, Town of Sudbury</b>	
James Kelly	X
<b>Guests</b>	

**AGENDA:**

1. Green Community Report
2. New GC Grant
3. ESCO Initiative
4. Landfill PPA
5. Approval of meeting minutes
6. Other business?

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**1. Green Community Report**

Jim and Bill assembled the revised GC Annual Report and submitted it to the DOER. We have received approval and acceptance of this so Sudbury is eligible to participate in the next round of grants.

Sudbury is waiting for the last of the original Green Community grant funds to be paid to the town - this will complete our participation in the first round of the GC grant program.

**2. New GC Grant**

Significant and spirited discussion revolved around engineering / design considerations for the heat recovery / make up air unit for the Fairbank Community Center pool building.

The committee agrees the existing unit has exceeded its useful life and is not operating correctly for its intended functions - make up air, humidity control of pool area and heat recovery from the exhaust air.

The committee also agrees this is a significant energy waster and it is a top priority to replace to:

- reduce pool area energy utilization
- better control relative humidity levels

One option is a make-up air unit with both heating and dehumidification (cooling) coils. This would ensure very tight control of relative humidity levels in the pool area – potentially at a cost of increased energy utilization / operating cost, increased capital cost and some significant installation challenges.

Another option includes a heating only make-up air unit with air-to-air heat recovery. It is believed this would be the most energy efficient alternative, with lower energy consumption / operating cost and decreased capital and installation cost. It should be noted this would not allow for as precise relative humidity control in the pool area.

A third alternative discussed was to consider a heating only unit with air-to-air heat recovery that has been built with room for cooling coils that could be installed in the future if operational conditions require it.

The town is currently in the evaluation stages and will task the engineering design firm to provide options for all methodologies.

The committee unanimously agrees this represents a high gain energy saving project that needs to be addressed and would be a good candidate to request a Green Community grant for some or all of.

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**3. ESCO Initiative**

MAPC has launched a regional ESCO initiative to allow access for towns that might not be large enough to qualify for a performance contracting arrangement on their own.

An informational meeting was held with Ameresco, MAPC's selected ESCO vendor, on January 31<sup>st</sup> to review the program with town, school and energy committee stakeholders.

The energy committee voted unanimously to recommend the town proceed with Ameresco under the MAPC program to evaluate Sudbury's municipal buildings for potential energy savings and to investigate a PPA at the landfill.

The first step involves a preliminary audit being conducted on the town's municipal buildings to determine potential high gain projects. Then selected buildings are evaluated by conducting an in-depth "Investment Grade Audit" (IGA) to calculate potential energy, maintenance and operational savings on a building by building basis.

The town has received and is reviewing Ameresco's IGA agreement.

**4. Landfill PPA**

MAPC confirmed that the landfill PPA project could also be covered under this ESCO initiative. The committee believes this would be very beneficial and the town is reviewing options to engage Ameresco to determine the next steps.

**5. Approval of meeting minutes**

Minutes from the January 17<sup>th</sup> meeting were unanimously approved.

**6. Other business**

**MEI status & re-categorization:**

The committee continues to work on confirming the data sets in MassEnergyInsight are accurate.

Kurt has done significant work reviewing the applicable data sets for accuracy and completion and continues to work on it – priority target is to close off / determine origin of the null data sets.

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**Solarize Mass**

A second round of applications for Solarize Mass is now being accepted. Sustainable Sudbury lead the effort to apply for the initial round and Sudbury was not chosen to participate. Regional applications have been suggested and the Committee will discuss with Wayland and Lincoln to determine interest.

**Membership**

Joe Martino and Kurt Reiss have been officially appointed by the selectmen as full members of the Energy and Sustainability Green Ribbon Committee and they have completed the required paperwork.

The committee heartily welcomes them and appreciates their willingness to volunteer to help reduce Sudbury's energy consumption and costs, and lower our carbon footprint.

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

- March 20<sup>th</sup>, 2012
- April 17<sup>th</sup>, 2012 (reschedule due to April vacation?)
- May 15<sup>th</sup>, 2012
- June 19<sup>th</sup>, 2012

**Adjournment:** The meeting was adjourned at approximately 9:32 pm.

*Minutes submitted by: Edward Lewis, February 26, 2012*