

**Sudbury, MA, Energy and Sustainability Green Ribbon Committee
Meeting Minutes August 18, 2009**

OPENING:

The regularly scheduled meeting of the Energy and Sustainability Green Ribbon Committee began at 7:30 P.M. on August 18, 2009 at the Town of Sudbury DPW Building Conference Room. The meeting was conducted by Bill Braun and James Kelly.

ATTENDANCE:

Committee Members	Attending
Rami Alwan	X
Jeffrey S. Beeler	X
William G. Braun - Chairman	X
Robert C. Haarde	X
Dean Holden	X
Edward Lewis	X
Robert Morrison	X
Mark Sevier	X
Michael E. Melnick, Co-Chairman, Sudbury Permanent Building Committee	X
Building Inspector, Town of Sudbury	
James Kelly	X

Meeting Minutes:

- Minutes from the July 9th, 2009 meeting were briefly discussed. Group consensus was that Bob M. did an excellent job with the first set of minutes, they are approved to be placed on the web site and we will follow a similar format for minutes going forward.

Committee Officers:

- Bill Braun formally accepted the position of Committee Chairman and this was his first night running the meeting.
- Position of Clerk was discussed – it was decided to rotate the position amongst the committee members. Ed Lewis recorded minutes for this meeting, due to unfortunate seat selection Bob Haarde will record the next meeting.

Next Meeting:

- The next meeting is scheduled for September 10th, 2009, 7:30 P.M., at the DPW conference room.

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Agenda Items:

Fairbank Community Center Solar Collection Project

Discussed the Fairbank Community Center Solar Collection Project.

Background: The committee will complete a grant application for the Town to submit for an ARRA Energy Efficiency and Conservation Block Grant (EECBG) to the Massachusetts Department of Energy Resources (DOER) Green Communities Division. The requirements for application are yet to be announced by the DOER, but are expected soon. Mark Sevier and Bob Morrison have been working in conjunction with Jim Kelly to develop the content of the grant, which will include solar thermal and photovoltaic systems and direct digital heating and air conditioning system controls for the Fairbank Community Center on 40 Fairbank Road. The submission content will include schematic design of the systems, their expected energy cost savings and their construction cost estimates. A structural review is needed for Mark's panel layout for the FCC Gym roof.

Significant discussion revolved around panel location optimization to balance: 1) maximum solar efficiency, 2) installation cost, and 3) building operating and maintenance cost & considerations.

The high level action plan includes:

- Determine optimal location of solar thermal and photovoltaic panels
- Determine building structural and roof maintenance considerations of those locations
- Determine / review roof condition / life considerations

ACTION: Group walk-thru / evaluation of FCC structure & roof review.

WHEN: Friday, 21 Aug 9:30AM

WHERE: Fairbanks center

WHO: All invited – core group includes Messieurs. Kelly, Sevier, Melnick

Energy Audits of town facilities and schools:

Energy audits for many of the town buildings were undertaken during June as coordinated through the DOER's Energy Audit Program. The audits were submitted to Jim Kelly and forwarded to the committee.

ACTION: Review these audits in advance of the next meeting; goal is to determine high priority targets for energy action plan.

WHO: Entire SESGRC committee.

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Clean Energy Choice Program

Discussed potential uses and requirements for use of funds earned by Sudbury from the *Clean Energy Choice Program*. These funds are held by the MTC and the deadline is expected to be November 30 of this year.

ACTION: Jeffrey Beeler to contact LSPS to inquire about status of ‘shovel ready’ energy projects as potential uses for this.

Street Light Replacement:

Jim Kelly reported that NStar Electric had responded to his request to evaluate energy efficient street lighting replacements. NStar indicated its willingness to pay 50% of the replacement cost and expressed its interest in completing the work.

- UPDATE: Jim Kelly met with NSTAR to request quantified details on cost and savings associated with this upgrade. Note – Sudbury has approximately 700 street lights.

Updated Massachusetts Building Code

Group discussed recommendation to adopt the MA “Stretch Code” for construction.

Background: The *2009 International Energy Conservation Code* will become the Mass state base building code in 2010. This new code allows for towns to voluntarily adopt a “stretch code” as a more energy efficient alternative to the base code.

Noted:

- Adoption of this stretch code is a requirement of the Green Communities act.
- The code is still embryonic with hard data on cost to comply and cost savings not currently available.
- Anecdotal data strongly suggest the code will significantly reduce the life-cycle cost of buildings thru energy savings in addition to reducing carbon footprint.
- MA Stretch Code Web Seminar held August 19.

Group agreed to recommend to the selectmen adoption of the ‘stretch code.’

ACTION: Draft resolution to selectmen on adoption of the Stretch Code
WHO: Mark Sevier

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Application for Planning Assistance for Green Communities

STATUS: Jim Kelly has submitted this request to the DOER.

Sub-Committees:

Discussed setting up sub-committees to focus on specific areas, topics could include:

- Quantify Sudbury's baseline energy consumption (requirement for Green communities Act)
- Investigate Land-fill options.
- Communications
- Stretch Code Adoption

Home Energy Seminar

The Massachusetts Municipal Association will conduct a Home Energy Savings Seminar on Thursday, October 1st at 6:30PM at the Goodnow Library.

The SESGRC supports this and is pleased to assist. Discuss at next meeting.

Town Hall Matters

Dean and Bob volunteered to participate in the taping of the next *Town Hall Matters* show which is run monthly on cable. They will have the opportunity to explain the energy issues the SESGRC committee is addressing.

ACTION: Attend taping of Town Hall Matters

WHO: Dean Holden and Bob Morrison

WHEN: Sept. 17th at 4:30 PM

Tabled until next meeting:

Several energy related companies have contacted the town for meetings – this was tabled until the next meeting to discuss and determine a vetting process.

ADJOURNMENT:

- The meeting was adjourned at approximately 9:30 P.M.

Minutes submitted by: Ed Lewis 20 August 2009