

## **Sustainable Energy Committee Minutes – January 4, 2013**

### **Juliani Room, Wellesley Town Hall**

#### **Committee Members Present:**

Ellen Korpi, Chair  
Scott Bender (first half only)  
Richard Joyce  
Jessica Langerman  
Suzanne Littlefield  
Barbara Searle  
Stephen Tolley  
Molly Fairchild, Sustainable Energy Coordinator

**Guests:** Ann Rappaport, Advisory Committee Liaison

Allen Hebert, Energy Manager, Facilities Maintenance Department

**Citizens' Speak:** no one spoke

**Minutes:** Minutes from 12-04-12 approved as previously amended.

### **Old Business**

**Update of progress summary on Sustainable Energy Plan Matrix.** Scott Bender is reviewing the one page summary table of proposed initiatives that was developed by the Green Ribbon Study Committee to provide a possible roadmap to how the SEC could achieve the 10% Town-wide Emissions reduction goal. Transportation, responsible for 40% of the town-wide emissions, still needs to be addressed. Molly Fairchild represents the SEC on the Transportation Advisory Group (TAG), chaired by Selectman Ellen Gibbs, that is been working to develop fixed-route bus service in Wellesley,

Next Steps:

- Table updated of initiatives and expected emissions reduction, by Scott Bender
- Transportation report at next SEC meeting by Molly Fairchild

**Calculation of Return on Investment (ROI) for LED lighting:** Scott Bender presented an estimated ROI for LED of two years for residential lighting.

### **Regional Greenhouse Gas Initiative (RGGI) legislation**

Dick Joyce has pulled together a coalition of 35 of the 40 MLPs to support this initiative. Legislation will be introduced this month by Representative Alice Peisch and Senator Cynthia Creem. The purpose of the Legislation is to return the portion of the RGGI funds that are collected from MLP communities back to the MLPs to be used to support energy efficiency projects in those communities, as is already done for the communities served by investor owned utilities (IOUs) In the proposed legislation, two Agents, Massachusetts Municipal Wholesale Electric Company (MMWEC) and Energy New England (ENE), will

be responsible for verifying that the monies given to the MLPs are used for energy efficiency, and the Agents will also be responsible for managing the payments to the MLPs. The Legislation needs to be filed by January 18<sup>th</sup>.

Next steps:

- Dick Joyce will continue to work with the coalition partner MLPs to encourage them to lobby their local representatives
- Dick Joyce's SEC Working Group that includes Barbara Searle, Laura Olton and Ellen Korpi will continue to work with Rep. Peisch and Sen. Creem
- The Working Group will also begin plans for outreach to the Executive Branch

### **Energy Audit Initiative for Realtors**

Jessica Langerman has met with some local realtors to discuss the concept of encouraging energy audits at the time of sale of a home. With the goal is to encourage the most audits and provide an improved follow-through on the recommended energy efficiency improvements, it was decided to push for transparency rather than an actual energy efficiency rating system.

Next steps:

- Tighten message of why this is good for realtors
- Work with MA Save and MLP on turn-around time as this will be critical for realtors at time of sale
- Test first version of materials on sympathetic realtors
- Begin roll out by the end of January

**Home Audit Initiative** The working group met with Nationalgrid and Energy New England (ENE). The MLP and SEC will cover the cost of marketing, as they did with the **POWER TO CHOOSE Wellesley Renewable Energy** campaign. National Grid is interested in working as a partner on this campaign. The current structure that will be explored will be to match the design of the MLP audits provided to oil heat residences with those provided by MA SAVE for natural gas customers. To that end, discussions will be held with National Grid's vendor, Conservation Services Group (CSG) to see if partnering with the MLP's vendor ENE can be structured.

Next Steps

- Begin conversations with Conservation Services Group and work out the details
- Review the design of the audits from the two vendors and consider a consolidated re-design that will further improve the odds of follow through on the recommendations.
- Begin planning for the outreach campaign

**Town-wide and Municipal data for Carbon Footprint: Binder for ICLEI software**

Molly Fairchild is working with Steve Tolley and Dick Joyce to update the Town-wide Carbon footprint calculation.

#### Next Steps

- Finalize data inputs and list of variables
- Finalize emission conversion factors
- Create a Procedures Manual in a binder that lists the assumptions, emission conversion factors, the historical data inputs and how the data was collected,
- Prepare Report for Advisory Book 2013 for Spring Town Meeting, by end of February

#### **Organic Waste Management**

Barbara Searle is leading the Organic Waste initiative to explore the issue from the point of view of the entities in Wellesley that will be covered by the new DEP regulations in July 2014 (at least one ton of organic waste produced per week) and from the Town that must regulate the health and sanitation implications and possibly participate with a composting or energy generating program. Fact-finding meetings are taking place with various stakeholders and players in the field of organic waste management including the State Department of Environmental Protection, the Town's Health and DPW departments, affected entities and potential vendors.

A list is being compiled of Town businesses and institutions that could be affected by the mandatory requirements as well as some who may benefit from optional participation in any system for organic waste management that the Town or region develops. The WMS may be included due to their food service for both WMS and all of the elementary school lunch programs.

#### Next steps:

- Meeting on Monday with RDF and DPW
- Meeting with Colleges together with Roche Brothers
- Continued research by Working Group

**Energy Manager**, Allen Hebert has been working with Molly Fairchild to use the existing energy data that was compiled for the Municipal carbon footprint by the GRSC and the SEC to establish a database for Facilities Maintenance to analyze energy use. Facilities Maintenance will use FY07 as the baseline.

Facilities Maintenance is purchasing **Utility Direct** and **Conserve Direct**, the Add-on software to **School Dude**, facilities Maintenance software so that customized reports can be generated automatically.

Allen Hebert is currently analyzing building by building performance and is prioritizing proposed energy efficiency retrofits in the Facilities Maintenance proposed capital budget. Allen Hebert will also be providing some regression analysis to interpret the energy use of the buildings, considering annual heating degree days and cooling degrees as well as building square-footage.

Facilities Maintenance plans to propose an Energy Policy to the SEC that would then be recommended to the Board of Selectmen and School Committee before being presented to the Building Champions. This would include temperature and air exchange settings based on seasons and occupancy. Ultimately the plan is to install direct digital controls that would allow central control of the setting in all the buildings.

Next steps:

- Continue monthly energy reports by building until FM has developed another reporting system
- Start with meeting for all Building Champions together.
- Temperature Policy recommended by Allen Hebert and Joe MacDonough, with approval from Selectmen and School Committee

**Meeting Adjourned: 9:10 a.m.**

**Next SEC Meeting: February 1, 2013**