



SUSTAINABLE ENERGY COMMITTEE

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SEC Project Updates

October 15, 2018

Green Communities

Water Systems Energy Audit

Marybeth Martello and Fred Bungler reviewed the *Draft Drinking Water and Wastewater Infrastructure Energy Evaluation (Energy Evaluation)* report and provided minor comments to the Department of Public Works (DPW). Consultants JK Muir and Wright-Pierce conducted the evaluation. Marybeth sought input from Neal Duffy (our Green Communities contact at the Department of Energy Resources (DOER)) regarding which energy conservation measures in the *Energy Evaluation* would be good candidates for Green Communities grants and which might be suitable for other funding opportunities. Marybeth hopes to hear back from Neal early next week. Marybeth also requested a meeting with DPW to discuss plans for Wellesley's next Green Communities grant application.

Lighting

The Facilities Management Department (FMD) has invited our Electrical Contractors (LeVangie, ESI, and SES) to bid on the light-emitting diode (LED) retrofit project on the DPW campus. Allen Hebert provided the contractors with a project manual for their review. Below is a schedule:

- October 19, 9:00 am - mandatory pre-bid meeting at DPW
- October 29, 11:00 am – bids due and FMD will open bids
- Before Friday, November 2 – FMD will execute the contract and issue the Notice to Proceed
- November 5 – start project
- November 15 – complete project

NEEDCO provided FMD with a quote for the LEDs. NEEDCO was able to secure an additional \$5,000 upstream rebate from RAB. The total price for the 84 LEDs with 7 guards is about \$25,000. Allen submitted the purchase requisition and should receive the purchase order by the end of next week. Allen also placed the LED order with NEEDCO and expects the LEDs to be onsite by Wednesday, October 31.

Horizon18 Conference

On October 10 and 11, Marybeth Martello attended the Horizon18 conference in Boston. This conference (theme: The Global Solutions Platform for the Clean Economy) attracted about seven hundred participants – including high-ranking public officials, Chief Executive Officers, and academics -- most from New England, but with others from the western and mid-western United States, Canada and Europe.

Just about every panel Marybeth attended referenced the Intergovernmental Panel on Climate Change's (IPCC's) recent report (released on October 8) and the sense of urgency around the report's message. Not surprisingly, big priorities regarding energy are:

- Reduce loads;
- De-carbonize; and
- Electrify.

Marybeth was particularly interested to hear from the academics and officials involved with Boston's de-carbonization effort. She spoke with the Boston University professor who is leading the modeling effort and followed up with him on email. He promised to send the methodology and data sources that BU is using to calculate vehicle miles traveled and transportation-related emissions.

Speakers placed a lot of emphasis on how college campuses are critical for pushing the clean energy economy ahead. Colleges make up 3% of GDP and are critical testing grounds for innovation and demonstration.

Marybeth had a number of conversations with sustainability/energy experts in government, academia and research institutes who could prove to be helpful resources to Wellesley.

Presentation to Advisory

On October 10, Marybeth Martello and Laura Olton (with helpful input from Tom Ulfelder) presented on Sustainable Energy Committee initiatives. The presentation went well and the Advisory Committee asked many excellent questions and showed support for the SEC's work.

Leading by Example

At the suggestion of Neal Duffy, Laura put together and submitted an application to DOER's Lead by Example Award program. Jeff Azano-Brown, Marybeth Martello and Ellen Korpi provided input on the application. The application narrative focuses on Wellesley's food waste and food rescue programs which fit under the award category of "waste minimization, material reuse, recycling, and/or composting."

Transportation

Ellen Korpi has organized meetings on October 23 and November 5 with Wellesley Public Schools and the Council on Aging, respectively, to discuss opportunities for reducing transportation-related greenhouse gas emissions.

Greenhouse Gas Emissions Inventory

Janet Mosley has been gathering and uploading the last pieces of data to complete MassEnergyInsight (MEI) records through the end of FY17. Janet has also been looking into features that will allow "bulk" data uploads to ICLEI ClearPath software.

Sustainable Building Standards and Design Standards

Marybeth made slight revisions to Sustainable Building Standards (SBS) and sent the draft to Michael Zehner and Jeanette Rebecchi of the Planning Department and to two of their consultants from Gamble Associates. Marybeth stressed the draft, preliminary nature of the SBS and asked that the document not circulate. Gamble Associates requested a copy of SBS when Fred and Marybeth met with them on October 3. Gamble is endeavoring to make sure that Design Guidelines are complementary to and reinforce SBS.

Hunnewell Feasibility Study

The next step for the Hunnewell Feasibility Study is the October 15 Eco-Charrette from 5:30 – 9:30 pm in the Hunnewell School Gym. The Charrette is a chance for the community to learn more about the possible sustainability aspects of the new school and provide feedback to the architects.

Food Rescue

On October 24, Wellesley, along with Food For Free and the United States Environmental Protection Agency, will host several nearby towns for a Food Waste and Food Rescue Workshop. Wellesley will demonstrate and present on best practices. Attendees will have the opportunity to join the existing network while learning how to launch their own programs.

Home Energy Savings Seminars

Upcoming home energy seminars are scheduled at the Tolles-Parsons Center for the following dates:

- Monday October 22nd at 1PM
- Wednesday November 14th at 1PM
- Wednesday December 19th at 1PM