



SUSTAINABLE ENERGY COMMITTEE

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SEC Project Updates

October 3, 2019

Green Communities

Designation Grant Projects

The Sustainable Energy Committee (SEC) and Traffic and Parking are continuing to pursue three quotes for a dual-port, electric vehicle (EV) charging station at the Waban Street Parking Lot. Marybeth Martello met with EVSE for a site visit and is awaiting their quote. Voltrek and Verdek provided quotes.

We currently have \$25,627.61 in un-allocated Designation Grant funds. We can apply these funds to the remainder of the DPW WTP lighting project, to the charging station and possibly to the un-funded portion of the water systems energy audit. Green Communities awards up to \$10,000 for charging station equipment and installation (maximum of two chargers).

Marybeth Martello asked the Facilities Management Department (FMD) to provide an invoice so that the SEC can seek Green Communities Designation Grant Fund reimbursement for sustainability-related work on the Town Hall Annex Feasibility Study.

2020 Competitive Grant Round

In past years, the Department of Energy Resources (DOER) has capped competitive round grant requests at \$250,000 per community. Below is a preliminary list of Fiscal Year 21 Green Communities projects for Wellesley,

- \$100,000 - Interior light-emitting diode (LED) retrofit at Wellesley High School (proposed by FMD)

- \$320,000 - Exterior LED retrofit at several playing fields (High School Multi-purpose, Tennis Courts and Reidy Field - proposed by Playing Field Task Force)
- \$20,000 Exterior LED retrofit at six municipal parking lots (Cameron, Waban, Weston, Hills, Eaton Court, Farms – proposed by Traffic and Parking)

Marybeth spoke with the Wellesley Foods Services director and Wellesley's Green Communities contact to learn more about the Middle School kitchen renovation project and inquire about potential Green Communities funding. However, the kitchen renovation will not take place until Summer 2021 and Green Communities recommended against submitting a kitchen renovation as a project.

Green Communities Annual Report

Wellesley's Annual Green Communities Report is due on December 4. Janet Mosley is continuing to coordinate the reporting process, reach out to departments for energy data and other updates and carefully review energy data and discuss questions with Allen Hebert of FMD. Marybeth reached out to the Department of Public Works (DPW) to follow up on a request for vehicle inventory information.

Marybeth provided the Finance Department with a description of and link to Wellesley's Fuel Efficient Vehicle Policy for inclusion in this year's Budget Preparation Manual.

Municipal Vulnerability Preparedness Program

Marybeth met with the Municipal Vulnerability Preparedness (MVP) team and KLA Associates on two occasions to kick-off the project and then discuss branding. On September 30, KLA provided draft ideas and on October 2, the MVP Working Group will discuss their favorites.

Sustainable Building Projects

Fred Bunger and Marybeth met with School Committee Chair Melissa Martin to discuss Sustainable Building Guidelines and a plan for Fred and Marybeth to present to the School Committee.

On September 24 Fred and Marybeth presented Sustainable Building Guidelines to the Municipal Light Board. The Board was supportive but could not vote on the Guidelines because the meeting agenda did not include SBG.

Fred scheduled a Home Energy Savings Seminar at the Tolles Parsons Center for 1:00 pm Thursday October 18th. This new version of the seminar includes a discussion of home solar installations – costs, savings and how to get started.

Fred participated in:

- Sept. 19: New Buildings Institute (nbi) webinar on the 2021 International Energy Conservation Code (IECC) building energy code cycle and summarized the process and schedule for voters in the International Code Council process.
- Sept. 18: American Council for an Energy Efficient Economy (ACEEE) webinar on the potential for energy efficiency policies to achieve 50% GHG reduction by 2050. Energy efficiency projects provide the least expensive path to GHG reduction. The policy ideas will be useful in developing the Wellesley Climate Action Plan.
- Sept. 24: in Massachusetts Climate Action Network webinar on Affordable Housing as a Climate Solution. MassSave and the Clean Energy Center promote programs to design affordable housing to passive house standards. They are also looking for programs that support energy retrofits of low- and moderate-income housing.

Town Hall Annex

On September 16, Fred Bungler, Laura Olton, Ellen Korpi, Sue Morris and Marybeth attended FMD's presentation of the Town Hall Annex Feasibility Study. The Annex's net zero energy design adheres closely to SEC-developed Sustainable Building Guidelines.

Hardy Hunnewell Upham

The Permanent Building Committee is leading the Hunnewell project as that project has evolved from the feasibility study phase to the design phase.

Wellesley Free Library

Marybeth presented on SBG, the Climate Action Plan and roof-top solar to the Library Trustees on September 9. The Library is replacing their roof in the next two years.

Green House Gas Inventory

Janet's work on the Green Communities Annual Report is providing municipal energy use data for the community-wide greenhouse gas inventory.

Climate Action Plan

Fred worked on the buildings portion of Wellesley Climate Action Plan. He tracked building energy use changes between 2007 base year and 2018 to determine a "business as usual" projection of 2050 greenhouse gas emissions.

Pam Posey researched towns that have carried out combined climate action-resiliency plans.

Marybeth met with Meghan Jop to discuss including a CAP as part of the SEC's FY21 capital budget. Marybeth also spoke with Meghan and the Finance Department about capital and operating expenses related to a CAP.

Recycling and Food Recovery

Wellesley Middle School is taking steps toward a post-consumer, cafeteria-based food waste diversion project. Sue Morris is part of this effort.

Transportation

On September 24, the Transportation Working Group had its first meeting with Richard Lee as Chair. Attendance was high and the conversation was very productive.

Laura Olton and Pam Posey worked on the SEC-at-10 presentation, discussing infographics, key topics to highlight.

Wellesley Municipal Light Plant

At its September 24 Board meeting, the Municipal Light Board announced that negotiations have resumed with the Sports Center at 900 Worcester for roof-top solar controlled by the MLP. Also, the Board Chair asked the WMLP Director to notify Representative Alice Peisch that the present language in bill H 2863 does not reflect the views of the Board. The current draft of this bill would require only 7% non-carbon-emitting energy by 2021 and with no subsequent testing required until 2030.

As of October 1, the Bring Your Own Charger Program included 123 accounts receiving an \$8 monthly credit and eight accounts awaiting approval from Sagewell.

In the residential solar program, seven applications have been approved with 27% of the funds allocated. At least 15 other residents have inquired and might be in the process of preparing applications.