

Swampscott Energy Committee Meeting
Tuesday, January 16th, 2018 at 6:00 PM
Swampscott Town Hall, First Floor Meeting Room

Attendance: Wayne Spritz, Tara Gallagher, John Graff, Ryan Hale, Tom Dreeben, Sam McCafferty

Guests: Michael Scola

B2Q Project Manager: Joshua Doolittle, PE

1. Minutes approved from December 2017
2. Michael Scola Update on current Green Communities grant project. All targeted lights have been changed to LED with the exception of four exterior lights at the library. Michael anticipates this work being completed within the next two weeks. The committee noted that all work covered under the previous grant must be complete for us to be eligible for the next round of funding. He noted that he is interested in capital planning funds for a second steam boiler at Clarke and to transition two 28 year old steam boilers at Stanley to gas.
3. Josh Doolittle from B2Q (energy consulting firm) and Swampscott Facilities Director Michael Scola presented several opportunities for energy conservation projects targeting the Middle School, Police Station, Town Hall and High School. The committee discussed which potential projects would be most appropriate to submit as part of the Town's upcoming Green Communities grant application. Michael agreed to provide the committee with details on the payback period and related metrics on the most promising measures at the next meeting to help determine the scope of the grant application. Some of the ideas discussed were: (1) Add energy management controls for better sequencing. (2) Reduce pumping hot water to reduce electrical usage. (3) Better freeze control warnings. (4) Rehab the air controls across the MS.
4. Police Cruiser Anti-Idling Technology. Stealth Power Update (Sam)
 - a. Spoke with the service manager for the Austin police fleet. Very positive feedback for Stealth Power. They primarily use for supplement additional power needs for digital video equipment. They do not use for HVAC. Added technology to their ambulances in 2011.
 - b. Austin fleet found that battery use has improved performance of some police equipment. The transition from Stealth Power battery to engine power is smoother and does not mess with the police equipment, keeps laptops stable. Previously the transition from car battery to full engine use would disrupt power to the equipment and sometimes cause it to re-start.
 - c. Service department found using Stealth Power batteries has greatly improved the life of the fleets' car batteries and wear on the vehicles.
 - d. Sam attempted to contact other users including Millville and Hyattsville.
 - e. Still need to know how many hours do our Swampscott vehicles idle.
 - f. Where would such a system have local support to install and maintain.
 - g. Sam looking for more examples.
5. E-Bike & Hybrid Update (Ryan):
 - a. Ryan has found some additional information on police hybrid vehicles from the Urban Institute.
 - b. Ryan researching E-bikes that can be powered to 28mph.
6. Need update on Library
7. Baseline energy consumption - Tabled
8. Energy Sage Promotion- Tabled
9. EV & EV Charging- Tabled