

**Swampscott Energy Committee Meeting**  
Tuesday, October 17th, 2017 at 7:00 PM  
Swampscott Town Hall, First Floor Meeting Room

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

**Guests:** Police Chief Ron Madigan

National Grid Representatives: Matt Foran, Rishi Sondhi, Dan Cameron

1. Minutes approved from September 2017
2. Discussion with Chief Madigan regarding available opportunities to reduce the police cruiser engine idling. Sam has researched available technologies that are supplying reserve energy to heat/cool and operate electronics in cruiser vehicles through after-market installed rechargeable battery systems. Technical details were presented. *Reference to Stealth Power. Additional information can be found via website:*  
<https://www.idlereduction.com/smart-power-solutions/law-enforcement-k9/>

These systems would allow officers to operate necessary equipment and retain climate control without running the engine. This saves fuel, significantly reduces the operational hours on the engine thereby extending useful life, and reduces exhaust emissions. Carbon monoxide exposure to officers has been a concern as well. Climate control is very important. Summer cooling is important as officer's equipment can be very insulating. Winter heating is important to prevent icing during storms.

Chief Madigan was open to this idea but is concerned with experimenting with potential issues of reliability, maintainability, and availability of the vehicles. This was valuable feedback to the committee which has agreed to seek feedback from other police departments who have upgraded their cruisers. Future actions: reach out to other police departments for comparative review.

3. National Grid Presentation: Matt Foran, Rishi Sondri, Dan Cameron

NG was invited to discuss future pilot program opportunities with Swampscott. See attached presentation for details.

Discussion included the following points:

- a. MAPC "LEAD" dashboard
- b. EPO (Energy Profile Online) is a feature allowing real-time access to electrical energy consumption at the meter level. Matt Foran to look into real time gas consumption measurements as well. This additional discrete level insight is critical to the committee's mission allowing us to track consumption trends and identify anomalies.
- c. Connected Solutions: This program allows residential participants to raise their thermostats during a high demand response period. Requires an online thermostat.
- d. Discussed signing a Memorandum of Understanding (MOU) so that Swampscott can participate in future new-technology pilot programs.
- e. Wayne expressed concern over the National Grid natural gas leaks from old piping underneath Swampscott and other North Shore communities. The overall fugitive emissions of raw methane coming from these leaks negates all the work our community is doing to reduce CO2 emissions and thus our GHG footprint .

4. Next Meeting in December. Date TBD.