

## **Town projects that reduce the use of fossil fuels**

(Last updated 2020)

2013-Keel cooler located in the harbor (both heat and a/c) at Port Security Building, but due to continued maintenance issues it is being replaced with a heat pump.

2014- New PW garage built with pellet boiler system.

2015- 73.44 kw solar array on the PW Garage; no up-front capital costs but the town signed a PPA with ReVision Energy; solar reserve fund in the CIP budget to purchase the array in 2022 at fair market value ~\$80K.

2016- Solar Farm on the PW pole barn, 9 Emera customers, 25 yr lease

2019 Parking enforcement hybrid vehicle- 2019 RAV 4.

2020- PW Garage- Tesla battery storage system to eliminate demand surcharges. Equivalent payment is made to ReVision Energy. The batteries allowed the PW Garage to change from and M2 to a B1 class. No up-front capital costs. The town will own the system in 5 years.

2020- LED streetlight conversion (431 fixtures, decorative and cobra head streetlights). Project costs paid from parking revenue. Total cost \$372,000.

Sewer and Water Departments use remote communication systems to monitor tanks and pump stations that eliminates driving to and from sites.

Radio reads on 75% of water meters that significantly reduces quarterly vehicle driving.

Numerous energy improvements on buildings such as insulations, windows and lighting fixture conversions through Efficiency Maine.