



Cost Savings from LED Streetlight Conversions

Massachusetts municipalities are rapidly installing energy-efficient LED streetlights to replace older fixtures, providing better light quality and significant savings. From 2013 through 2016, MAPC helped facilitate these retrofits in about 30 cities and towns across the state. In 2017, the Massachusetts Department of Energy Resources (DOER) selected MAPC to manage the Rapid LED Streetlight Conversion Program, a statewide grant program to convert the remaining municipally-owned streetlights to LEDs. Through this program, MAPC worked with more than 60 municipalities. By the end of the program in March 2019, these municipalities will have collectively converted more than 95,000 lights, saving \$4.48 million and 28.8 million kWh of electricity each year. This equates to approximately 9,942 metric tons of carbon dioxide in avoided emissions.

All streetlights in the program are “control-ready,” meaning that they can support wireless controls that allow for dimming during part of the night when low pedestrian activity does not require as much light. At least 12 municipalities in the program have installed wireless controls to achieve greater energy savings through dimming. For more information, visit MAPC.MA/LED.

Rapid LED Streetlight Conversion is a municipal streetlight retrofit program funded by the Massachusetts Department of Energy Resources (DOER). MAPC administered the program for all cities and towns that receive electricity from National Grid and Eversource.