

CASE STUDY:

CITY OF PORTLAND, MAINE

LED STREET LIGHTING UPGRADE AND SMART CITIES PROJECT



PROJECT SNAPSHOT

The City of Portland, ME selected TEN via a highly competitive procurement process. The goals of the project:

- + Buy the city's streetlights from the local utility
- + Upgrade all street lights and pedestrian lights to highly-efficient LED fixtures
- + Reduce outages (and improve lighting quality) in every neighborhood in the City
- + Implement high-impact Smart Cities technologies (safety, quality of life, new services for residents)

TECHNICAL COMPONENTS

- Upgraded over 6,000 streetlights to high efficiency LED fixtures
- Upgraded ~700 historically-significant decorative fixtures
- Designed and installed a lighting control system to provide state of the art capabilities now and for the future
- Delivered a detailed, continuously-updated inventory of new assets, integrated into the City's GIS system
- Managed all aspects of the project including engineering, procurement, construction, and rebate application and administration

CUSTOMER PROFILE

Portland is the largest city in Maine - almost 500,000 residents call the greater Portland area home - with a rich history that dates back to the birth of our nation.

Portland has a thriving economy with an active port, a great workforce, and amazing recreational opportunities for residents and visitors alike.

PROJECT RESULTS

\$8.5 MILLION

project cost, including ~\$1.5 million in Smart Cities technologies

OVER \$1 MILLION

in guaranteed utility savings

OVER \$100,000

in positive cash-flow contributions to the City's operating budget

Energy Efficiency

Reduction in over 3,000,000 kWh of electricity used annually

Environmental Benefits

2,200 tons of CO2 reductions annually

CONTACT

TENsaves.com

855.429.1010

info@TENsaves.com



TEN PITTSBURGH
1501 Reedsdale St Ste 401
Pittsburgh, PA 15233

TEN PHILADELPHIA
200 Barr Harbor Dr Ste 400
West Conshohocken, PA 19428

TEN HARRISBURG
800 North 3rd St, 203
Harrisburg, PA 17102