

Case Study for:  
**City of New Bedford**  
New Bedford, Massachusetts

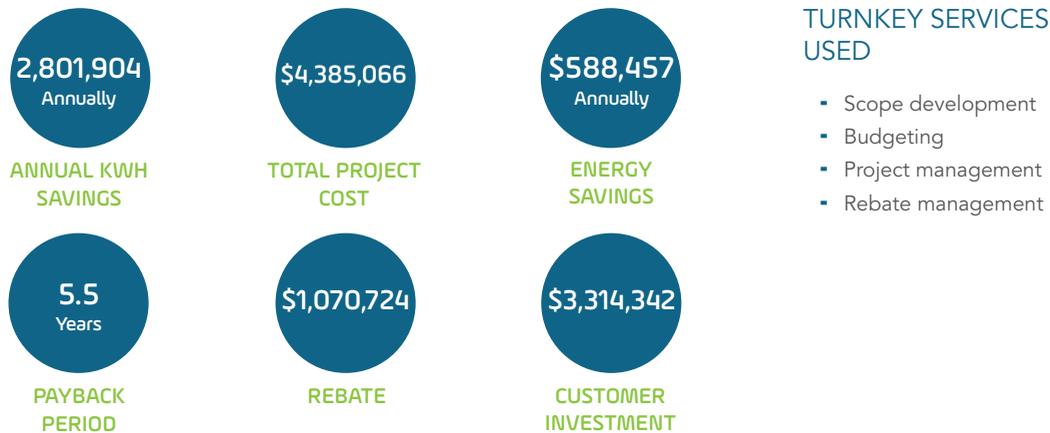


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**“The installation of more than 53,000 LED tubes and fixtures from Revolution Lighting at New Bedford’s elementary, middle, and high school facilities, libraries, and municipal administrative buildings will increase safety and reduce lighting energy usage by more than 50%.”**

- Ted Carmone, director of ESCO Projects at Energy Source



### OPPORTUNITY

The City of New Bedford, Massachusetts is home to America’s number 1 fishing port and thrives on its cultural diversity; beaches, architecture, and historic cobblestone streets. Keeping the city’s historic look and feel is important, except when it comes to the lighting in its schools, libraries, and municipal buildings. The city of New Bedford saw an opportunity to lower energy costs by replacing conventional lighting with energy-efficient LED lighting. To move forward with the energy savings projects, the city sought to partner with a solutions provider who could offer a turnkey solution, and assist with various aspects of the project including; scope development, project and rebate management, and budgeting.

### SOLUTION

The city of New Bedford connected with Energy Source, based in Providence, Rhode Island to provide a comprehensive turnkey energy solution. The energy savings plan included an installation of more than 53,000 LED light tubes from RVLTI across 17 facilities in New Bedford’s elementary, middle, high schools, libraries, and municipal administration buildings. National Grid, New Bedford’s local utility provider, stepped in to assist with utility incentive management, obtaining over \$1 million in rebates. With the replacement of the existing antiquated less cost-effective lighting the LED technology improved energy efficiency by 50%, delivering New Bedford annual energy savings of \$588,457. The retrofit projects have been so successful, the city of New Bedford is partnering with Energy Source for a phase two of projects including locations such as; the New Bedford Art Museum, Buttonwood Zoo, Police and Fire stations, and additional school facilities.