



Since enrolling in the SoCalREN Public Agency Program in 2014, the City of Long Beach has taken great strides to move toward energy-efficient solutions that are more resilient and ultimately better for the health of the economy and its residents. The City recognizes that clean energy and energy efficiency not only mean reducing energy consumption, but also protecting the environment, fostering a safe community, saving money, and improving public health.



Incorporated **1897**



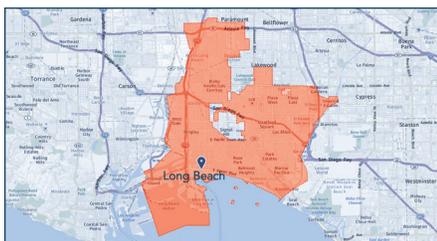
Population **470,130**



Area (Sq. Mi.) **50.32**



County of  
Los Angeles  
Supervisor  
District **4<sup>th</sup> District**



Collectively, the projects completed to date\* have resulted in more than:



**80**  
Jobs Created



**\$900,000+**  
Annual Cost Savings



**8.5+ Million kWh**  
Annual Energy Savings



**\$13 Million** saved over the life of all projects



**2,000+** metric tons of CO<sub>2</sub> (GHG reduction) avoided,

which is equivalent to taking over **420**



Working in partnership with the SoCalREN, Long Beach has identified significant opportunities for reducing energy use by focusing on street, parking lot, and park lighting at several facilities. Impressively, the street lighting project is the fourth largest street lighting retrofit on the West Coast.

- Removal of High Pressure Sodium (HPS) streetlights and replacement with LEDs
- Updates to a total of more than 25,000 street and parking lights throughout the City
- Improved lighting around the City and at key locations such as the Airport Parking and multiple beach parking lots
- Upgrades to both standard cobra head streetlights and decorative fixtures

A small portion of the street lights were funded by a Long Beach Port Mitigation Grant, and the remaining streetlights were funded by incentives and 0% interest loans from the local electric utility. Through the City's participation in the Energy Leader Partnership, they were able to secure enhanced incentives to cover a significant portion of the project cost.



The street light projects have contributed to the City of Long Beach's goal of reducing greenhouse gas emissions, but have also played a major part in improving overall community safety. The Long Beach Police Department will benefit from the ability to install adjustable controls on the new LED lights, unlike the old high pressure sodium lights. This will allow the Department to manage and adjust the lighting remotely as needed. This, in turn, will increase the effectiveness of the Police Department and contribute to public safety.