

ALEXANDRIA ENERGY MANAGEMENT PROJECTS

SALT BARN

In early 2019, the lighting was upgraded at the City of Alexandria’s salt barn and surrounding maintenance area. In total, 225 light fixtures in the salt barn, storage bays, parking areas, and offices were upgraded to light emitting diodes (LED). The project increases site visibility and reduces electricity usage, utility costs, greenhouse gas emissions, and maintenance requirements.



Before Project



After Project

Before replacement, the area presented unsafe working conditions at night and during snow emergencies, due to lack of visibility. Many of the lights were in areas too high to reach with a ladder, so they could not be maintained regularly.

Safety concerns have been remedied with the project’s completion. Since March 2019, electricity has been reduced by 38% for the entire site and with the new LED lights, lighting should be maintenance free until about 2030.



Before Project



After Project

ESTIMATED ANNUAL SAVINGS:



64,000 lbs CO₂e



80,000 kWh



\$7,000