

Lighting Upgrade at Staten Island Sanitation Garages 1 & 2

DCAS Energy Management completed lighting upgrades at two Department of Sanitation garages on Staten Island. These garages are used for repair and maintenance of garbage trucks, street sweepers, snow removal equipment, and other Sanitation vehicles. Staten Island 1 is 114,000 sf with a staff of 80, operating 24 hours a day, 6 days a week. Staten Island 2 is 80,000 sf with a staff of 135 people, operating 24 hours a day, 6 days a week. Both facilities operate 24-7 during snowstorms.

Inefficient T-12 lamps, using magnetic ballasts, were replaced at both facilities with energy efficient T-8 lamps with electronic ballasts and dual technology occupancy sensors throughout the garage, office, and hallway areas. High-output T-5 lamps were installed in mechanic areas providing brighter light for precise work and improved safety. Mechanics in both locations report that they are happy with the new lights and can notice that their work spaces are much brighter.



The lighting upgrade will reduce City energy costs by \$81,386 annually, and will contribute to the City's greenhouse gas reduction goal by removing 265 metric tons of CO₂e from the atmosphere. This represents a 37% decrease in GHG emissions from the two facilities.

Energy