ALEXANDRIA ENERGY MANAGEMENT PROJECTS

DASH BUS DEPOT

In the summer of 2019, the Alexandria Transit Company’s DASH bus depot had its old, inefficient lighting fixtures replaced with Light Emitting Diode (LED) fixtures. The lamps from the roughly 400 existing fixtures were replaced annually due to failures and the buildup of dirt, which created maintenance challenges and increased costs.

The new LED fixtures will last 10 years or more with little maintenance, improve visibility, and use nearly 75% less electricity than the previous fixtures. The project will reduce annual costs and energy use by an estimated $40,000 and 600,000 kWh, respectively. Most importantly, the City’s greenhouse gas emissions will be reduced by about 486,000 lbs CO2e per year.

ESTIMATED ANNUAL SAVINGS:

- 486,000 lbs CO2e
- 600,000 kWh
- $40,000