

Company Profile

Company Name	Government Energy Management
Address	10162 Bellwright Rd, Ste. B
City, State, ZIP Code	Summerville, SC 29483
Phone Number	888-943-3052

Customer Profile

Customer Name	United States Army Reserve
Division	99 th USARC
Address	2150 Nottingham Way
City, State, ZIP Code	Trenton, NJ 08619

Contact Name	Jarrold Ross
Title	Energy Manager
E-mail Address	jarrod.t.ross.ctr@mail.mil

Project Summary

Existing fluorescent lighting was replaced with GEM's dimmable flat panel LED lamps throughout the interior and the halogens and high pressure sodium flood lamps were replaced by GEM high intensity exterior LED solutions.

GEM's patented Energy Protection Device (EPD) was installed simultaneously to protect sensitive diodes and LED drivers from transient voltages (surges, spikes, etc.). No other device on the market can provide such protection from these harmful surges like this system. The combination of GEM's industry leading line of Energy

Efficient Lighting and the patented protection technology contained within the EPD is second to none. The EPD's ability to lengthen the useful life of all connected devices has allowed us to offer a level of warranty protection and assurance that is unmatched – 60,000 hours for interior and 10 years for exterior lamps.



Benefits

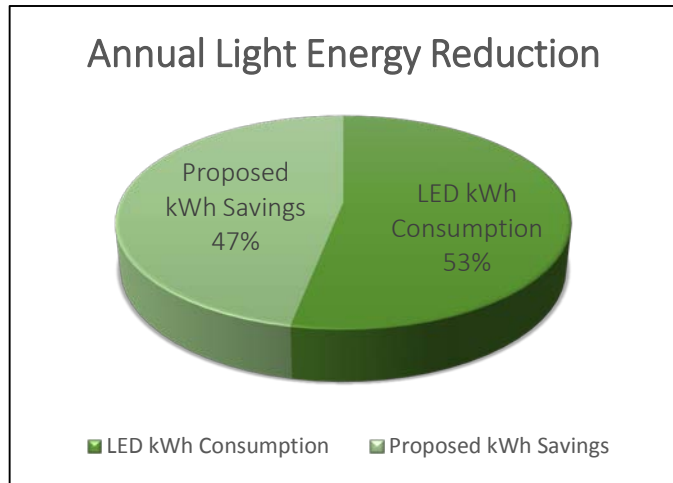
With the installation of the GEM Energy Efficient Lighting System, the 99th USARC – Trenton is now experiencing higher quality interior and exterior lighting while enjoying 47% savings on their annual kWh usage and a minimum of 60,000 hours and 10 years of maintenance free use on their interior and exterior lighting respectively.

GEM's technical proficiency with its products, seamless project execution, flexibility, and customer service allowed Jarrod Ross, the Energy Manager for the 99th USARC, to feel confident enough to make similar Energy Efficient Lighting System purchases throughout the 99th.

Products and Services

GEM completed a thorough audit of all lamps to be replaced and designed a custom LED solution that would improve lighting quality and efficiency. Lamps were self-installed by the 99th under the supervision of GEM technicians.

The 3000 kVA EPD was installed by GEM technicians and continues to protect the new lamps along with all connected devices.



By switching the energy efficient LED lamps, 99th USARC – Trenton was able to reduce their kWh consumption by 47%. Most of the lamps replaced were interior T8 fluorescents.