



CASE STUDY
City of Baltimore
Energy Efficiency Upgrades



PROJECT OVERVIEW

The City of Baltimore is committed to improving energy efficiency in government owned buildings and public spaces. As part of the Baltimore Energy Initiative Program, this project was issued to address energy efficiency challenges in selected buildings in the city which have deteriorated over the years.

This project is part of various renovation works at Baltimore's water filtration plants, the Maryland Zoo and 1200 E. Fayette Street. Scope of the project included energy audits, lighting upgrade, lighting sensor installations and other energy retrofits for 5 facilities across the City. All these projects have generated great energy savings, improved energy security and reduced Green House Gas (GHG) emissions in the City of Baltimore.

RIFE SOLUTIONS

Our scope of work for this project included replacement of lighting, lighting fixtures and installation of lighting occupancy sensors at the various locations. A total of 6949 lighting and fixtures were upgraded to LED energy saving lights and 310 sensors were installed across all the facilities.

The project was completed on schedule and within budget to the client's satisfaction. Overall the client was able to meet their energy conservation goals. The environmental effects from the savings made on the project include the following:

- 2,108,147 kWh in energy savings
- 1,491 metric tons of CO2 (Greenhouse gas) reduction in a year
- 1,755 acres of trees planted in a year
- Powering 260 homes in a year

The Team showed a great deal of flexibility moving from one building to another on a moments notice. I recognize that the chimp building was a real challenge having to work in close proximity to the animals and was not a fun experience for the team. I further appreciate your willingness to work with us on several offices(eg HR office) to come up with lighting alternatives to the standard fixtures. I can recommend your firm without hesitation. Carl Loran, COO/E P for Animal Programs, Maryland Zoo in Baltimore

