



The Problem

RJ Waters and Associates required an outdoor led lighting conversion to upgrade their aging parking lot lights. The existing outdoor lighting was no longer providing the light levels required for the parking lot. They were also looking to reduce the maintenance and energy costs associated with maintaining their exterior pole lighting.



The Solution

- 1000 watt High Pressure Sodium parking lot lights replaced with 168 watt LED Parking Lot Lights.



The Results

- kWh Reduction – 179,755 kWh
- Lighting Energy Cost Reduction - \$14,902
- Annual Maintenance Cost Reduction - \$4,118
- Rebate Eligibility – \$9.963
- Greenhouse Gas Reduction – 21,507 lbs



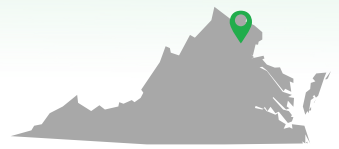
Project Results



View The Results

Below is an image of the outdoor led lighting for the parking lot project. Increasing the foot candles in the parking lot was the primary concern for the customer. Another benefit was a significant decrease in energy and maintenance costs.

After Image



Location

Warrenton, VA

Savings

84% Energy Reduction

\$47,205 Maintenance