

# CASE STUDY

## ROYAL Waste (QUEENS NY)

### Customer Overview

Royal Waste provides the equipment and professional manpower for commercial, residential and industrial bulk waste removal, along with document shredding. They are a leader in developing food composting programs within their communities, diverting waste from landfills.

### Problem

Customer desired to reduce their electric bill, increase the life of equipment and raise the facilities Power Factor.

### Solution

Installed a 600kVAR OmniPower system which increased the sites Power Factor to a perfect 0.98.

### Results:

- Average 5.5-6.5 CO<sub>2</sub> metric tons saved each month
- Average monthly electricity savings: 20%
- The **OmniPower™** solution also reduced their equipment maintenance costs
- Increased equipment life
- Stable power, no voltage fluctuations
- Spikes & harmonics eliminated

OmniPower™ Automatic Power Factor Correction System is the only system in existence that:

- ❖ Automatically analyzes Power Factor(PF) efficiency.
- ❖ Dynamically detects and adjusts power factor to a perfect >0.98 PF.
- ❖ Reduction of electrical power bill by 20-40%
- ❖ Offers 24/7/365 continuous remote monitoring with real-time alert and system reporting.
- ❖ Prolongs the life of equipment by eliminating electrical surges.



**Sentinel Technology Services, Intl. Inc.** (Authorized Distributor for OmniPower™)

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