



**INNOVATIVE
FACILITIES
SOLUTIONS**

IFS Retail Case Study: Rural King Supply

PROJECT OVERVIEW



Authorized Distributor

Rural King

Rural King Supply, operates 40 farm & home stores out of their headquarters in Mattoon, IL. In their flagship store and warehouse in Mattoon, they were experiencing ever rising costs in their energy bills along with not being satisfied with their lighting. IFS proposed retrofitting their store area with 267 Orion 6-lamp T8 high bay fixtures for each of their 400 watt metal halide lights. In addition, IFS recommend they replace their 400 watt metal halide fixtures in their warehouse area with 127 Orion 6-lamp T8 fixtures and 127 Orion 4-lamp T8 fixtures. This resulted in an increase in light levels in both areas and a large reduction in energy costs!



Before

ANNUAL SAVINGS

After

Energy Savings	\$44,617.99
Displaced Energy	284,566 kWh
kW Demand Saved	6,515
Light Level Improvement	40%
BTU Displacement (total power in watts)	466,359.152
CO2 Removed	1,260,891 lbs. per year
SO2 Removed	5,483 lbs. per year
NOX Removed	2,645 lbs. per year
Mercury Removed	10.9 lbs. per year

ENVIRONMENTAL IMPACTS*



Printed on paper containing 30% Post Consumer
Waste..

@2008 Innovative Facilities Systems



**INNOVATIVE
FACILITIES
SOLUTIONS**

IFS Retail Case Study: Rural King Supply

ENVIRONMENTAL EQUIVALENTS

- Planting 119 acres of trees annually
- Removing 104 cars from the road annually
- Saving 53,381 gallons of gasoline annually
- Saving 1,271 barrels of oil annually

* Source: U.S. Environmental Protection Agency

