



**INNOVATIVE
FACILITIES
SOLUTIONS**

IFS Retail Case Study:

Christian County FS-Taylorville, IL.

**Christian County Farmers
Supply Company**



PROJECT OVERVIEW



CHRISTIAN COUNTY FS CONVENIENCE STORE WAS EXPERIENCING EVER RISING COSTS IN THEIR ELECTRICITY BILLS, PRIMARILY DUE TO THEIR HIGH WATTAGE METAL HALIDE CANOPY LIGHTS, POLE LIGHTS, AND OLD T12 FIXTURES THROUGHOUT THEIR STORE. IFS RECOMMENDED THEIR ORION T5 CANOPY FIXTURE FOR THEIR 400-WATT CANOPY FIXTURES, T5 ORION POLE LIGHTS AND T8 CONVERSION KITS FOR THEIR T12 FIXTURES. THIS RESULTED IN BETTER LIGHT LEVELS AND A REDUCTION IN ENERGY COSTS! THE ANNUAL SAVINGS AND ENVIRONMENTAL IMPACTS ARE REFLECTED BELOW.

BEFORE

AFTER



ANNUAL SAVINGS

| | |
|---|------------------------|
| Energy Savings | \$4,314.00 |
| Displaced Energy | 51,108kWh |
| kW Demand Saved | 10.17 |
| CO2 Removed | 76,662 lbs. per year |
| SO2 Removed | 127,770 grams per year |
| NOX Removed | 296,428 grams per year |
| <ul style="list-style-type: none"> Planting 9 acres of trees annually Removing 7 cars from the road annually Saving 4,646 gallons of gasoline annually | |

ENVIRONMENTAL IMPACTS*

ENVIRONMENTAL EQUIVALENTS

* Source: U.S.

Environmental Protection



EXTREME ENERGY SAVINGS WITHOUT COMPROMISE!