

Capital Plaza Tower Campus

- 28 Story State Office Building
- 252,000 square feet
- Located in Frankfort, KY

Major Issues

- Obsolete lamp type & atypical fixtures
- Quick payback due to future building demolition
- State of Kentucky wanted the office building to be more energy efficient
- Wanted to reduce the cost of operating the building

Solution

- 6 Year Guaranteed Energy Savings Performance Contract
- Saved the State of Kentucky \$164,000 a year
- Retrofitted over 10,000 existing light fixtures with modern technology electronic ballast & T8 Fluorescent lamps

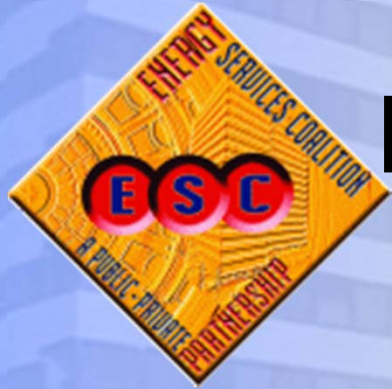




Project Scope

- Energy Efficient Lighting Retrofit
- Lighting Controls
- Agricultural Water Service to reduce sewer charges
- Installation of Variable Frequency Drives for Electric Motors
- Pump & VFD Installation
- Energy Management Control Upgrades
- Replacement & retrofit of plumbing fixtures to modern lower water consuming fixtures





Environmental Overview

Reduced Greenhouse Gas Emissions

- 5,603 million metric tons of carbon equivalents

Equivalent Reductions

- Removing 995 vehicles from the road each year
- Preserving 51.8 acres of trees annually
- Contract #: M-03037393

