



Louisville Office of Employment & Training

- Located in Jefferson County, Kentucky
- Education & Workforce Development Cabinet; Department of Workforce Investment
- Provides Job Services, Labor Market Information, Training

Major Issues

- No Building Controls
- Plug Load Challenges
- Outdated lighting

Solution

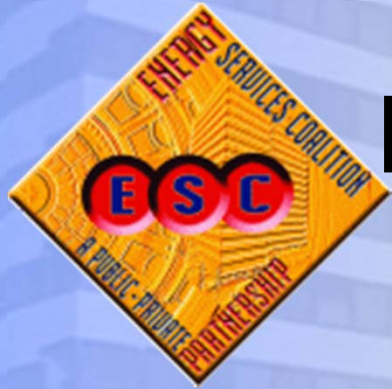
- Guaranteed Energy Savings Performance Contract
- ESCO: Ameresco, Inc.
- \$299,532 contract / 12 year guarantee term
- \$48,000 of annual energy and operational savings guaranteed



Project Scope

- Direct Digital Control (DDC) Installation
- Building Automation System (BAS) Controls
- Electrical Load (implemented Demand Strategies)
- Computer Monitor Usage
- Major Lighting Retrofit
- Vending machine controls
- Installed VFDs
- Installed 2-way Hot & Chilled Water Valves (modulating electronic actuators)
- Installed Refrigerant Gas Monitoring System (Connected to DDC System)





Environmental Overview

Reduced Greenhouse Gas Emissions

- 78 metric tons per year

Equivalent Reductions

- Removing 145 cars from the road each year
- Preserving 198 acres of trees annually

Contract #: CT2-785-0600000075

