



Kentucky Community & Technical College System

KCTCS is a decade-old network of 16, two-year comprehensive colleges that provides education and training on 67 campuses throughout the state to over 100,000 annually

This project encompassed 3 institutions Southeast, Hazard and Somerset with 15 campuses

Major Issues

- Budgetary constraints
- Infrastructure failing –
 - increasing maintenance costs



METAMORPHOSIS
THE KENTUCKY COMMUNITY & TECHNICAL COLLEGE SYSTEM
10TH ANNIVERSARY
1998-2008

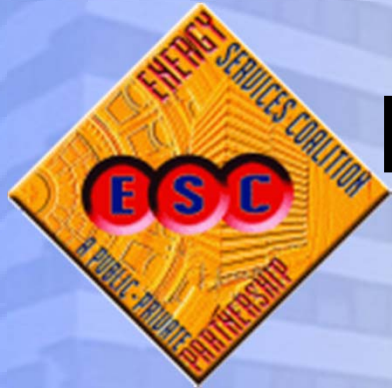
Solution

- Guaranteed Energy Savings Performance Contract
- ESCO: Honeywell, Inc.
- \$6.9 million contract / 13.75 year guarantee term
- Annual Savings energy and operational \$720,919



Project Scope

- HVAC Improvements-includes:
 - Boiler replacements
 - Chiller replacements
 - PTACs replacement
 - Geo-thermal
 - Make-up air enhancements
 - DX Unit replacement
- Digital control upgrades that can be networked to the KCTCS IT infrastructure for all 15 campuses
- Lighting upgrade, controls and occupancy sensors
- Vending machine occupancy controls
- Domestic water improvements to save water and waste water costs
- Window Film



Environmental Overview

Reduced Greenhouse Gas Emissions

- 4,660 metric tons per year

Equivalent Annual Reductions:

- Removing 1,331 cars from the road
- Preserving 1,623 acres of trees

- Contract #: CT2-785-1100000114

