



Kentucky Veterans Centers Thomson-Hood, East and West

Serving Veterans

"Serving those who Served the Commonwealth and this Great Nation."

Locations: Thomson-Hood/Wilmore, Western/Hanson, and Eastern/Hazard

Major Issues

- Budgetary constraints and Infrastructure failing with increasing maintenance costs

Solution

- Guaranteed Energy Savings Performance Contract
- ESCO: Honeywell, Inc.
- \$2.3 million contract / 15 year guarantee term
- Annual Savings energy and operational \$204,262





Project Scope

- Replaced 300 water source heat pumps with new more efficient WSHP with DDC controls
- Energy Recovery System with Enthalpy Wheel,
- Ozone Laundry and Chemical Rinse in the Kitchens
- Re-bid Natural Gas Contract
- Cooling System Dolphin System
- Building envelope upgrades (window film and sealing)
- Digital control upgrades throughout
- *Outside Air/Exhaust Air Run Around Coil Systems*
- Lighting upgrade, controls and occupancy sensors
- Vending machine occupancy controls
- Domestic water improvements to save water and waste water costs



Environmental Overview

Reduced Greenhouse Gas Emissions

- 1,830.42 metric tons per year

Equivalent Reductions

- Removing 636 cars from the road each year
- Preserving 21.2 acres of trees annually

- Contract #: CT2-785-1100000139

