ConEdison Solutions
Energy. Efficiency. Expertise.

Case Study

Kansas Insurance Department

Topeka, KS

PROJECT HIGHLIGHTS

Environmental Benefits

217 tons of harmful greenhouse gas emissions reduced annually

Equivalent to:

- Preserving 1.4 acres of forest from deforestation* or
- Conserving 458 barrels of oil*

Capital Costs

$692,419

Annual Savings

Energy:	$10,515
Non-Energy:	$1,628
Utility Cost Reduction:	34%

* Sources:

- Leonardo Academy's Cleaner & Greener℠ Emissions Reduction Calculator http://www.cleanerandgreener.org/resources/emission_reductions.htm
- U.S. Environmental Protection Agency, Greenhouse Gas Equivalencies Calculator http://www.epa.gov/cleanenergy/energy-resources/calculator.html

PROJECT DESCRIPTION

Energy Savings Performance Contract

Challenge: The Kansas Insurance Department is housed in a building that was formerly a women's social club built in the 1920s. The building's lighting system needed to be upgraded while retaining building aesthetics as it is listed on the National Register of Historic Places.

PROJECT SCOPE

Solution: ConEdison *Solutions*, through its subsidiary, Custom Energy Services, enhanced the comfort of the staff by improving ventilation within the building. Further, lighting upgrades that improved the aesthetics of the building made the rooms brighter and thus created less eye strain for occupants.

Contact:

Carlos Cortez
Building Supervisor
420 SW 9th St.
Topeka, KS 66612
785-296-3177

Construction Start Date:

March 2005

Construction End Date:

February 2006

ENERGY CONSERVATION MEASURES

Lighting and Controls

- High efficiency lighting
- LED exit signs
- Occupancy sensors

Building Controls

- Energy management system

Heating and Cooling

- Ventilation improvements
- Combustion air improvements

Renewable Energy

- Water-source heat pump