LEADING BY EXAMPLE

Improving Energy Management at State Facilities

Connecticut's Commitment

Connecticut agencies Lead By Example (LBE) through proper energy data management and energy saving projects. Ensuring energy use and cost avoidance in the future helps our state meet its energy and climate goals.

Continuing to expand and accelerate the current LBE program will:

- Create more in-state jobs
- Encourage economic development
- Lower state energy costs
- Reduce GHG emissions

Why Lead By Example?
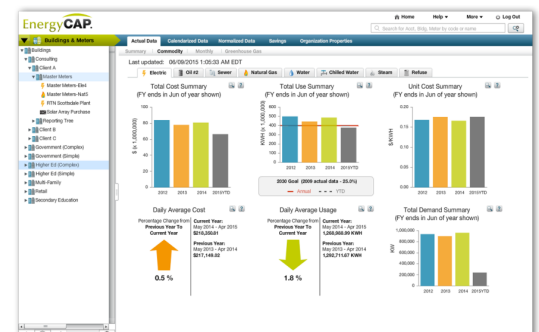
Connecticut's state government is a large energy user

State buildings account for 15%-20% of electricity and natural gas consumption across the state, costing about $100 million in energy costs for SFY18[1]

Energy efficiency measures can reduce energy costs up to 30%

1. State energy consumption is categorized as commercial and industrial energy consumption in Eversource and UI territories

Benchmarking at a Glance

The State has a dynamic inventory of almost 4,000 buildings. These buildings may be bought, sold, built, or leased over time.

DEEP provides training to state agencies on EnergyCAP, enabling facilities and business office managers to analyze their energy cost and consumption.

EnergyCAP

ACEEE
American Council for an Energy-Efficient Economy

CT RANKS #5 NATIONALLY

by ACEEE's 2018 State Energy Efficiency Scorecard

THE GOAL FOR LEADING BY EXAMPLE

is to identify our highest energy use and cost buildings, and strategically plan to reduce their cost and consumption

Accurate inventorying enables DEEP to develop a baseline that we can use to compare data year over year.

Reducing Energy and Saving Dollars

In FY18 and FY19, DEEP procured a competitive rate for electricity supply for state facilities, saving approximately $1 million per year in operating costs.

State agencies achieved $6.2M in annual savings from completed or underway projects through DEEP's support leveraging utility incentive programs and state bond funds.

Since 2012, LBE investments have resulted in

208
energy saving projects

$6.2M
annual savings

Projects in the Pipeline

1 Department of Transportation will upgrade their highway lights with LEDs saving over $50K annually

2 Multiple projects to be completed at DOC, DVA, DAS, and other agencies following release of previously authorized $20M bond funding

3 DOC, DOT, and DEEP are pursuing renewable energy projects with solar site feasibility assessments scheduled for 2019

Lead by Example

Creating Workforce Opportunities

In 2018, DEEP continued to contribute federal grant funds to the Tunxis Community College AAS Degree program in Energy Management to develop workforce energy skills.