



CASE STUDY

Eversource Energy Multiple Buildings

Berlin, CT

THE OPPORTUNITY:

- CT Energy Efficiency Fund's Retro-Commissioning Program
- 5 Buildings
- 676,000 GSF

OBJECTIVES:

- Improve overall energy consumption and operating performance
- Increase ENERGY STAR rating
- Identify system operation, control and maintenance issues
- Reduce or eliminate occupant complaints and improve indoor environment
- Develop persistence strategies to ensure improvements stand over time

RCx SOLUTIONS:

Implementation of Energy Conservation Measures including:

- Optimization of chilled water system
- Variable primary chilled water flow
- Enhance cooling tower operation
- Optimize air handling units
- Improve building pressurization controls
- Validate and revise equipment schedules

RESULTS:

- **1.9 Years** payback with incentives
- **730 Metric Tons** equivalent CO₂ removed
- **1,872 Trees** equivalent planted
- **865,689** annual kWh savings
- **25,113 CCF** annual gas savings'
- **\$142,959** estimated Annual Energy Savings
- **\$142,000** CEEF RCx program incentives
- **\$424,250** estimated Cost for Total Implementation

