

## Case History

### Teresian House

Albany, NY

#### The Facility:

The Teresian House is a not-for-profit home for the elderly in Albany, NY. The home strives to provide the highest quality care to the elderly in a home-like atmosphere. The Teresian House is a 300-bed facility.

#### The Energy Saving Challenge:

The Teresian House asked SmartWatt Energy to put together a comprehensive lighting project that would maximize energy savings while maintaining or improving existing lighting levels.

#### The SmartWatt Solution:

SmartWatt Energy oversaw the replacement and retrofitting of over 4,600 fixtures and installed 360 occupancy controls.

#### The Results:

This project resulted in significantly improved lighting system efficiency that will save the Teresian House over \$12,000 per month after project completion. With these savings, Teresian House will be able to invest precious financial resources in other important areas.

#### Savings:

Annual Energy Savings: \$147,666.83

Annual Maintenance Savings: \$12,108.68

Annual Displaced Energy: 1,053,500 kWh

kW Demand Savings: 206.90 kW

Simple Payback: 23 months

#### Rebate:

The New York State Energy Research and Development Authority (NYSERDA) paid a \$52,675.00 Incentive Rebate on this project.



Before



After

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