

## Darling Inn Lyndonville, Vermont



### Project Type

Comprehensive Retrofit

### Project Description

The Darling Inn is a 28-unit apartment building located at 76 Depot Street in Lyndonville, Vermont. Originally a hotel built in 1928, the Darling Inn was converted to serve as an apartment building in the 1970s. The Darling Inn underwent a complete facility retrofit. The building had an outdated thermal shell and a costly and complicated heating system. The first floor was heated by an oil boiler and the second and third floors with electric storage heaters.

### Engineering and Design

N/A

### Construction Management

Commons Energy provided both construction project oversight and commissioning services for Darling Inn.

### Project Partners

RuralEdge, Amy Wright (Consultant), 3E Thermal, Efficiency Vermont

### Measurement and Verification

Commons Energy continues to monitor boiler system performance and provide annual performance evaluation reports.

### Project Financing

None from Commons Energy. Client was able to obtain long-term financing at a very favorable rate from a federal government program.

### List of Improvements

- Upgraded insulation & air sealing
- Energy Recovery Ventilation (ERV)
- Biomass boilers for space heating & domestic hot water
- ERV & boiler controls

### Projected Savings

Improvements reduced the per-unit cost to heat and provide hot water to each unit by 56%.