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 The building had an outdated thermal shell and a costly and complicated heating system.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.

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%.

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