

## The Inn at Crumpin-Fox »

## Pellet Boiler and Solar Thermal Collectors



Left: Okofen Pellet Boiler. Right top: Solar Panels and Wood Pellet Silo. Right bottom: The Inn at Crumpin-Fox

## Exceptional Hospitality, Environmental Responsibility

The Inn at Crumpin-Fox has provided top of line accommodations for Crumpin-Fox golfers and Pioneer Valley visitors for over three decades. Recent renovations have not only advanced the Inn with new televisions, beds, carpeting, lighting, linens, and breakfast area, but it now has two new energy systems! Solar hot water panels and a wood pellet boiler were installed by Sandri professionals at the Inn in early 2012. The pellet boiler provides the space heating for the Inn while the solar panels heat the domestic hot water used by all guests and staff.

These systems meet the heating hot water needs of the Inn, all while providing an economic and environmentally preferable alternative to fossil fuel. Specifically, the waste wood and low-grade timber resource used to manufacture the pellets to feed these systems are sourced locally and sustainably, offsetting oil imported from distant locales.

The installation of these 2 systems will offset more than 7,000 gallons of #2 heating oil per year, and an estimated reduction of 156,800 lbs of CO2. The project was selected by the Massachusetts Department of Energy Resources ("DOER") to receive State Energy Program funds made available in part by the American Recovery and Reinvestment Act of 2009 ("ARRA").

### System Benefits

- ➔ *Dramatic Cost Reduction*
- ➔ *Switch to Renewable Source*
- ➔ *Local and Sustainable Pellets*

### Project Specifications

<b>Project Type</b>	Solar Hot Water and Wood Pellet Boiler Installation
<b>Project Size</b>	10384 sq. ft
<b>Original System</b>	Traditional oil heating system
<b>Renewable Equipment</b>	ÖkoFEN 56kW (190 MBH) Pellet Boiler; SCHUCO solar hot water panels
<b>Fossil Fuel Reduction</b>	4850 gallons #2 heating oil.