

## 5 - Bed Retrofit

Summer 2011



**Type of Property:** 1970's, North Molton.

**Previous Heating System:** Oil boiler/ radiators, Rayburn (producing hot water)

**Existing Insulation:** Cavity wall, solid floor, double glazing, cavity filled insulation and 100mm loft insulation.

**Upgrading Required:** Topped up loft insulation, upgrading of pipe work and radiators.

**Additional Options:** Installation of photovoltaic panels on the roof (producing electricity).

**Back up:** Rayburn (no hot water production), LPG gas fire, immersion to hot water cylinder.

**New Heating System:** Radiators, 300l unvented hot water cylinder, FTC2 control with built-in weather compensation.

**Air Source unit:** 14kw ECODAN unit producing 100% of heating and hot water.

**Customer comment after 1 year use:**

*“The house is now warmer throughout and despite this we have actually seen a reduction in our energy bills of over 30%. I find controls are easy to use, and love boasting to my friends about our great heating system.”*

