

# 4 Bedroom House + Large Extension

Spring 2012



**Age of Property / Location:** 1950's, South Molton.

**Previous Heating System:** Oil boiler/ radiators.

**Existing Insulation:** Cavity filled, suspended floor, double glazing and 100mm loft insulation. Extension up to current building regulations.

**Upgrading Required:** Topped up loft insulation, insulated suspended floor, new pipe work and radiators + underfloor heating to new extension.

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

**Back Up:** Wood burner, immersion (hot water).

**New Heating System:** Radiators + underfloor heating, 300l unvented hot water cylinder, FTC3 control with built-in weather compensation.

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

**Customer comment:**

*“Seb, Chris and crew were charming, friendly and knowledgeable. They completed the big project at our home with vigour, speed and efficiency. Our house is now beautifully lit (primarily using LED down lighters) and efficiently warmed. The underfloor heating in the new extension is particularly good. We are proud to have modern-day, low energy consuming heating and lighting, with comprehensive and safe wiring throughout. For us, oil heating wasn't really an option because of its high cost and high carbon footprint. We are pleased both with the efficiency of the heating and the running costs.”*

