



Case Studies on Outdoor Pellet Boilers (2007-2009)

(Outdoor) Pellet Boiler

The Outdoor Pellet boilers come in 15kW and 25kW sizes and are a unique biomass heating boiler manufactured in Ireland.

The product has become a firm favourite with Housing Associations, Local Authorities and for smaller properties where space is a premium.

The over-riding objective when developing this product was to bring biomass heating mainstream and to enable low income homeowners to enjoy the benefits and significant cost savings associated with pellet heating.

Below are some Case Studies illustrating the success of Outdoor Pellet Boilers

Waterford Co Council (Energy Agency)

Mr Liam Fleming – Energy Manager at Waterford Co Council ran a pilot scheme consisting of five 15kW Outdoor biomass boilers in urban and rural properties in November 2009. In February 2011 Mr. Liam Fleming and Mr Ger Crosse from the manufacturer visited the homeowners to review the scheme.

A typical example was Mr Michael Ryan of Grange Heights, Waterford City. His boiler replaced his coal fired back boiler. His running costs were reduced by 50% during the winters of 2010 and 2011. On average he was spending €25/week to heat his 3 bed semi detached home. His boiler had run for 1,536 hours from when it was installed up to the day of Mr Fleming's review. The scheme has been a resounding success for both the Co Council and the homeowners.



Mr Liam Fleming- Energy Manager Waterford Co Council, Ireland at a Outdoor Pellet boiler in Co Waterford



Low Level Fuel Warning light

Northern Irish Housing Executive

The NIHE has been installing Outdoor pellet boilers since 2007.

Ms Sarah White of 2 Coronation Park, Clogh, Co Antrim was one of the first customers to install an Outdoor Pellet boiler. Her running costs have been £15-17.50 per week in the winter time.

Mr Hugh Simpson of 12 Moss-side Gardens, Co Antrim had his system installed in 2008 and his boiler has over 3,500 hours of operating time recorded on the hour metre which is part of the boiler. Mr Simpson claims to spend £15 per week on his heating bills. His nephew, Stuart Simpson has had his boiler running for 4,341 hours over the same period and is also delighted with his pellet heating system. The local shop stocks and supplies Balcas pellets at £2.15 per 10kg Bag. This is 47% cheaper than heating with oil fired system (based on oil costing £0.63p/litre)

In all eighteen Outdoor pellet boilers were installed in the Moss-side Estate



Mrs Sarah White 15kW boiler – Coronation Park, Clogh, Co

Antrim

Other Reference Sites:

Fingal Co Council

Tipperary S.R Co Council

Longford Town Council

Warm Homes Scheme in ROI

Warm Homes Scheme in NI