

100kW Biomass District Heating Scheme



MILTON BRODIE, FORRES



CASE STUDY

A 100kW Eco Angus Orling Log Boiler was installed in an unused garage along with all the equipment needed for the system. This allows the system to be housed out of the way. **KORRIE** also installed a 5000 litre buffer tank to ensure that hot water was always available and to make sure that all the heat produced could be stored.

In order to reduce his fuel cost, Mr Pilcher asked **KORRIE** to install a 100kW log boiler to serve his main house, a guest wing and a cottage. These properties are supplied through underground pipes which provide low cost heating and hot water all year round.

By switching to a biomass system, Mr Pilcher will have estimated fuel savings of around £7,500. With a projected RHI income of around £10,800 he will have yearly savings of up to £18,300. It will also result in a reduction of 33 tonnes of CO₂ per year.

Once the project had been completed, **KORRIE** supported Mr Pilcher through the RHI application process and showed how to best operate and get the most out of the new system.

SAVINGS

33 tonnes
CO₂ saved per Year

£18,300
Annual Savings
Fuel + RHI Payments

Guaranteed Payments
for 20 years

FORT WILLIAM

Unit 10
Ben Nevis Industrial Estate
Fort William PH33 6PR

INVERNESS

Units 3 & 4, 9 Carsegate Road North
Carsegate Industrial Estate
Inverness IV3 8DU

THURSO

Unit 1, 19C Neil Gunn Drive
Ormlie Industrial Estate
Thurso KW14 7QU

www.korrie-renewables.co.uk

CALL KORRIE 0345 450 4145



FACTS & BENEFITS

Applications	To heat a large house and cottage
Boiler Model	Eco Angus Orling 100kW log boiler
Buffer Tank Capacity	5000 Litres
Fuel Type	Logs
Installation Date	August 2013
Installation Cost	Circa £60,000
Fuel Savings	£7,500 per Annum
CO2 Savings	33 tonnes per Annum
Potential RHI Income	£10,800 per Annum
Pay Back Period	Under 4 Years

WHY KORRIE?

At **KORRIE RENEWABLES** we pride ourselves on the most cost effective solutions for all our customers. This is achieved through our diverse team who have over 20 years experience in heating and renewable system design. Another factor is our experience and management of over 400 renewable installations in domestic, commercial, agricultural and industrial sectors.

We guarantee all our customers a return on any investment made in improving the energy efficiency in your home or workplace.

As we continue to grow and diversify, we aim to be a market leader in renewable solutions in the Highlands and beyond.



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