

From: [Ellis, Cathal](#)
To: [Hughes, Seamus](#)
Subject: RE: Maintenance costs biomass versus oil
Date: 10 March 2016 14:57:16
Attachments: [image001.gif](#)
Importance: High

Seamus,

CAFRE installed their first biomass boilers during 2007. We currently have 3 woodchip boilers and 6 pellet boilers.

KWB 80kW pellet boiler – This boiler requires 2 service visits per year at £400 per visit. This is based on full load running hours.

KWB 300kW wood chip boiler – This boiler requires 3 service visits per year at £450 per visit plus a major service every 6000 running hours at £1500.

Froling 150kW wood chip –

- £1200 covering 3-4 service visits normally 3 month intervals.

Froling 320kW wood chip -

Froling 99kW and multiple boilers - Three service visits at £300 each visit plus £100 for each additional boiler per visit.

Oil boilers require a single service annually normally at a cost less than £200.

Please be aware that biomass boilers may need remedial work carried out (in our experience after year 4)e.g. replacement drive motors, heat gun, bearings, electrical circuit breakers, moving grate components have all been replaced on CAFRE boilers.

Normally oil boilers require little other than nozzle jets and rubber hose. A burner replacement is still relatively low cost.

Regards

Cathal

Cathal Ellis
Acting Senior Renewable Energy Technologist
CAFRE
Greenmount Campus
Antrim
BT41 4PU
028 94426793
63793 (network)

Personal information
redacted by the RHI Inquiry (mobile)

From: Hughes, Seamus

Sent: 10 March 2016 10:14
To: Ellis, Cathal
Cc: Wightman, Stuart
Subject: Maintenance costs biomass versus oil

Cathal

As discussed briefly by phone earlier we are seeking to get an indication of the difference in maintenance costs between commercial biomass and oil boilers. I know that CAFRE has moved from oil to biomass at its campus sites so any information around this issue that you could share with us would be most appreciated.

Many thanks

Regards

Seamus

Seamus Hughes

Energy Efficiency Branch
Department of Enterprise, Trade & Investment
Netherleigh
Massey Avenue
Belfast, BT4 2JP
Tel: 028 9052 9532 (ext: 29532)
TextRelay: 18001 028 9052 9532
Web: www.defini.gov.uk



[NI Year of Food & Drink 2016](#)

Please consider the environment - do you really need to print this e-mail?