To: Maurice MacAuley email redacted by the RHI Inquiry
From: Stephen Beagan
Sent: Fri 9/16/2016 5:44:47 PM
Importance: Normal
Subject: biomass payback
MAIL_RECEIVED: Fri 9/16/2016 5:44:47 PM

Well Maurice,

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See below two tables I have put together for the biomass boiler.

The first is showing a really reasonable usage, the second shows what is more than possible if you push a little harder.

The thing I would say to the bank is that this does not allow for improved performance with the birds, I would think you would likely gain several thousand per year on that too.

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Regards,

Stephen

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Boiler usage KWh	300000&	&		Boiler cost	£& & & & & & & 47,500
Efficiency (KW/T)	4200			Relocating boiler &&piping house	£& & & & & & & 17,000
Pellet price £/T	£& & & & & & & & & & & & & & & & & & & & & & 4,000				
&					&
RHI income	£& & & & & & & 19,500			Total Cost	£& & & & & & & 68,500
Pellet Cost	£& & & & & & & 10,500				&
&					&
Profit	£& & & & & & & & & 9,000				&
&					&
Gas Saving	£& & & & & & & & & 5,000	&	&	Payback (years)	4.89

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REDACT

Received from Moy Park on 01.09.2017
Annotated by RHI Inquiry