

Received from DAERA on 30/03/17  
Annotated by RHI Inquiry

**Ellis, Cathal**

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**From:** Maguire, Connor  
**Sent:** 21 July 2015 14:41  
**To:** Ellis, Cathal  
**Subject:** FW: Personal information redacted by the RHI Inquiry Bank & ID details not Received - End of Review CRM:0125251

Hi Cathal,  
See below – I note other related e mails at present also. I would appreciate your help.

Thanks,  
Connor

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**From:** RHI Accreditations [mailto:RHI.Accreditation@Ofgem.gov.uk]  
**Sent:** 21 July 2015 10:59  
**To:** Maguire, Connor  
**Subject:** Personal information redacted by the RHI Inquiry Bank & ID details not Received - End of Review CRM:0125251

Dear Applicant,

Thank you for submitting your RHI application. Your application has reached the end of its review and before we can progress your application we will need to receive your bank & ID details.

Please click here to see what you should send in.

**The application status is currently set to 'with applicant'. As such, it will not be subject to further Ofgem review until the requested information has been provided and you resubmit the application. For help on how to submit your application, please see the IT User Guide**

***Do not send any personal or bank details via email as this does not allow us to ensure the security of this information.***

If we have already received your bank & ID details, you do not need to provide these again.

***Quote your ORG Number or RHI Number(s) in all correspondence.***

DAE-04933

Received from DAERA on 30/03/17  
Annotated by RHI Inquiry

Regards,  
RHI Team  
Tel: 0845 200 2122

Non-Domestic RHI Verifications  
Ofgem  
2nd Floor, Cornerstone  
107 West Regent Street  
Glasgow  
G2 2BA

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## Biomass System Cost Comparison Calculator



**Note: To use this calculator you must know the size of boilers required in relation to RHI banding and installation costs**  
**Accurate details of current system must be included**

Enter own data in cells shaded

**Assumptions**

Fuel Type	Heat produced	Cost per tonne/litre	RHI Contraints		
1kg Chip 20% MC	4.1 kWh/kg	£120	Full load hours	1314	Tier 1
1kg Chip 25% MC	3.8 kWh/kg	£112			
1kg Chip 30% MC	3.5 kWh/kg	£104	Max kWh	400,000	Tier 2
1kg Chip 35% MC	3.2 kWh/kg	£96			
1kg Chip 40% MC	2.9 kWh/kg	£88			
1kg Pellet	4.8 kWh/kg	£200			
1 litre Oil	10.7 kWh/litre	£0.35			
1 litre LPG Gas	6.6 kWh/litre	£0.38			
1 litre Natural Gas	6.6 kWh/litre	£0.30			

**Current System**

System fuel type	Oil
Litres Oil/Gas used	45000
Calorific value	481,500 kWh
Cost of fuel	£15,750
Boiler Efficiency	90%
Heat produced	433,350 kWh
Hours used	1314 hours per year

**Replacement Biomass System**

Size of each Boiler in relation to RHI	99 kW
Boiler Efficiency	90%
Biomass system fuel type	Chip 30% MC 3.50 kWh/kg
Tonnes of biomass required	137.6
Calorific value	433,350 kWh
Cost of fuel	£14,307
Fuel saving / loss	£1,443
Annual RHI income	£12,374.21
Total Savings	£13,817

Replacement installation cost	£15,000
Bank interest	6.0% APR

Installation cost	£36,000
Bank interest	6.0% APR

Approximate 5 year investment cost      £3,450 per year

Approximate 5 year investment cost      £8,280 per year

Extra investment for biomass      £4,830 per year

Total saving (RHI & Fuel cost)      £13,817 per year

Net savings in years 1 - 5      £8,987 per year

Savings in subsequent years      £13,817 per year



**Ellis, Cathal**

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**From:** Maguire, Connor  
**Sent:** 27 August 2015 09:29  
**To:** Ellis, Cathal  
**Subject:** FW: RHI application  
**Attachments:** NEW identity\_and\_bank\_details\_june\_2015.pdf  
**Importance:** High

Cathal,  
This is related to previous e mail.  
Connor

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**From:** Charlene Robineau [<mailto:Charlene.Robineau@actionrenewables.co.uk>]  
**Sent:** 26 August 2015 16:40  
**To:** Maguire, Connor  
**Cc:** Luis Diaz Allegue  
**Subject:** RHI application  
**Importance:** High

Good afternoon Connor,

Your RHI application for CAFRE is back with applicant. Ofgem said that they haven't received any bank and ID details. Please see the guidance attached, with what they require. You have to post these documents to: Non-Domestic RHI Verifications Team, Ofgem, Cornerstone, 107 West Regent Street, Glasgow, G2 2BA.

Could you please let us know when you have posted them, so we can resubmit your application on the website?

Many thanks

Kind regards,

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**Charlene Robineau**  
Project Manager



**Action Renewables**  
the renewable energy experts

Block C, Unit 1, Boucher Business Studios, Glenmachan Place, Belfast BT12 6QH, Northern Ireland

Tel: 028 9072 7777 Email: [charlene.robineau@actionrenewables.co.uk](mailto:charlene.robineau@actionrenewables.co.uk) Web: [www.actionrenewables.co.uk](http://www.actionrenewables.co.uk)

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- Action Renewables is now offering RHI Accreditation services. For further information please contact [RHI@actionrenewables.co.uk](mailto:RHI@actionrenewables.co.uk) or call Sean McGuigan on 028 9072 7778. Alternatively, please visit our website by following the link <http://www.actionrenewables.co.uk/services/rhi-accreditation/>

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Annotated by RHI Inquiry

**Ellis, Cathal**

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**From:** RHI Accreditations [RHI.Accreditation@Ofgem.gov.uk]  
**Sent:** 31 August 2015 21:12  
**To:** Ellis, Cathal  
**Subject:** Personal information redacted by the RHI Inquiry RHI Accreditation Approval Notification CRM:0001718  
**Attachments:** Application Acceptance Letter for NI Personal information redacted by the RHI Inquiry

Dear Cathal Ellis

Thank you for your application for accreditation to the Renewable Heat Incentive (RHI).

Please see the attached letter for our acceptance response.

Kind regards,

Edmund

RHI Team

Ofgem E-Serve  
9 Millbank  
London  
SW1P 3GE  
Tel: 0845 200 2122  
[www.ofgem.gov.uk/rhi](http://www.ofgem.gov.uk/rhi)

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