

Dear Eddie,

Thank you for the below explanation. I have placed the completed declaration on file, with the explanation, and we will get in touch with you as soon as possible, once we have established a position with DETI on how to move forward with the issue. Hopefully the estimated operating hours will make a difference. I'll be in touch soon. Meanwhile Owen continues with your application's eligibility review.

Thanks and kind regards,

Nadia

020 7901 7321

----- Original Message -----

From: Eddie Mulgrew

Received: 6/25/2014 11:49 AM

To: Liz McNamee; RHI Grants

Cc: David Cadden; Fermanagh Properties Ltd

Subject: Re: Emailing: RHI - Personal Information
redacted by the RHI Inquiry.pdf CRM:0010016

Hi Nadia,

David has asked me to respond to your questions, as I was the person who designed and installed the biomass system and I was also the person responsible for providing the figures for the original Carbon Trust loan application and also for the Ofgem State Aid Declaration form.

Apologies for not being clear enough with the figures I provided for the state aid declaration form.

When I completed the Carbon Trust application, I was not required to give the specific operating hours. I estimated the annual KWH usage for the biomass boiler. This estimate was based on the efficiency of the boiler, the heat load for the building it was heating and the previous years oil consumption that was consumed to heat the same building.

This estimated figure was 260,172 kW. The carbon savings were then based in this figure.

As the building is heated 365 days a year, the estimated average heat load per day is 712.8 kWh.

The maximum output of the boiler, taking into account the efficiency, over 24 hours is 2208 kWh, therefore there is a 32.3% daily heat load on the boiler, which equates to running hours of 7 hours and 45 minutes per day.

Therefore the estimated number of hours, that the RHI will be claimed for, over one year, is $7.75 \text{ hours} \times 365 \text{ days} = 2829 \text{ hours per year}$.

In regards to the state aid declaration form, the H value is 2829 hours.

Using this figure on the state aid declaration form gives the following result:

$$A = C \times T \times H \times 0.01$$

$$= 99 \times 6.3 \times 2829 \times 0.01 = \text{£} \text{ [Personal Information redacted by the RHI Inquiry]}$$

If you then take in the 93% efficiency of the boiler, this equates to $\text{£} \text{ [Personal Information redacted by the RHI Inquiry]}$ which equates back to my original annual estimated heat load of 260,172 kW, which I included in the Carbon Trust Loan application.

I have also checked the actual heat load on the boiler, by reading the RHI approved meter that is fitted on the biomass heating system. The actual heat load from December 2013 to May 2014 is slightly above the estimated heat load which I included in the carbon trust application. This is in line with my annual estimated figure, as the boiler has been operating over the colder winter months.

If you require a further explanation on my figures, please do not hesitate to contact me by phone or email.

Best Regards,

Eddie

Eddie Mulgrew
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 Marketled Ireland
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emulgrew@marketled.co.uk
 TEL: 0044 [Personal information redacted by the RHI Inquiry]



Please consider the environment before printing this e-mail

From: RHI Grants [<mailto:RHI.Grants@ofgem.gov.uk>]
Sent: 24 June 2014 20:38
To: Liz McNamee
Cc: David Cadden
Subject: RE: Emailing: RHI - [Personal Information redacted by the RHI Inquiry] pdf CRM:0010016

Dear Liz,

Thank you for forwarding the state aid declaration. Please could you clarify the below points for me?

- I am not sure what the written figure 260,172 refers to.

- Which figure did you use as value 'H' (this should be the operating hours figure you provided on your Carbon Trust application form but this does not seem to work out). Which amount of operating hours did you supply to the Carbon Trust?

Thanks and kind regards,

Nadia

020 7901 7321

----- Original Message -----

From: Liz McNamee

Received: 6/24/2014 4:42 PM

To: RHI Grants

Subject: Emailing: RHI [Personal Information redacted by the RHI Inquiry].pdf

Dear Nadia

On behalf of David Cadden, Fermanagh Properties Ltd please find completed state aid forms attached for your attention. Hard copies to follow in today's post.

Regards

Liz

Your message is ready to be sent with the following file or link attachments:

RHI [Personal Information redacted by the RHI Inquiry].pdf

Note: To protect against computer viruses, e-mail programs may prevent sending or receiving certain types of file attachments. Check your e-mail security settings to determine how attachments are handled.

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Version: 2014.0.4592 / Virus Database: 3972/7733 - Release Date: 06/24/14