

Sent 20/08/2014

Hi Nadia,

Please find attached new State Aid Declarations for [Personal Information redacted by the RHI Inquiry] (Brooklands Kilkeel) and [Personal Information redacted by the RHI Inquiry] (Brooklands Magherafelt).

**Brooklands Kilkeel** – [Personal Information redacted by the RHI Inquiry]

A State Aid Declaration at the time of initial RHI application had been submitted for [Personal Information redacted by the RHI Inquiry]. Estimates of potential RHI payments over three years were calculated using the estimated running hours of the installation (99kW solid biomass boiler) as indicated in the Carbon Trust Loan Application i.e. 6,351hrs/year. This figure of 6,351 operating hours per year was a guesstimate (at best) of the hours it was thought that the new biomass installation would run at Brooklands Kilkeel.

6,351 operating hours is an average of 17.4 hours per day. The installation at Brooklands Kilkeel [Personal Information redacted by the RHI Inquiry] has been commissioned and generating since the 02/02/2014 and has not come anywhere close to generating/operating for 17.4 hours per day, hence the revised, more accurate State Aid Declaration. Brooklands Kilkeel, which is a nursing home, had previously been heated by old, inefficient oil-fired boilers and the figure of 6,351 operating hours per year as well as being a guesstimate, did not take into consideration the significantly improved efficiency of the new biomass heating system in comparison to the old, inefficient heating system.

The revised State Aid Declaration (see attached) has instead calculated an accurate indication of the potential RHI payments generated by the installation based on **actual** running hours now that the installation has been installed and generating for six months. The revised operating hours in the amended State Aid Declaration are 4,380 operating hours per year, an average of 12 hours per day. At present the biomass boiler is operating significantly less than 12 hours per day and during many of the summer months was generating for only 5-6hours per day. The average of 12 hours per day provided has therefore also taken into consideration the extra demand that will be placed on the boiler during the winter months.

To summarise, it can now be determined, based on actual operating hours, that 6,351 operating hours per year was a gross over-estimation of what the installation at Brooklands Kilkeel [Personal Information redacted by the RHI Inquiry] will operate for. This is due to a number of factors including using figures based on a guesstimate of potential operating hours and not considering the significantly improved efficiency of the biomass heating system in comparison to the old, inefficient oil-fired heating system (i.e. requiring less running hours). This over-estimation has been made clear and justified based on actual operating hours of the installation. As such this new, more accurate State Aid Declaration for [Personal Information redacted by the RHI Inquiry] is being submitted to be used in place of the previous, inaccurate State Aid Declaration.

**Brooklands Magherafelt** – [Personal Information redacted by the RHI Inquiry]

Likewise, a State Aid Declaration at the time of initial RHI application had been submitted for [Personal Information redacted by the RHI Inquiry]. Estimates of potential RHI payments over three years were calculated using the estimated running hours of the installation (99kW solid biomass boiler) as indicated in the Carbon Trust Loan Application i.e. 4,782hrs/year. This figure of 4,782 operating hours per year was a guesstimate (at best) of the hours it was thought that the new biomass installation would run at Brooklands Magherafelt.

4,782 operating hours is an average of 13.1 hours per day. The installation at Brooklands Magherafelt ([Personal Information redacted by the RHI Inquiry]) has been commissioned and generating since the 29/04/2014 and has not

come anywhere close to generating/operating for 13.1 hours per day, hence the revised, more accurate State Aid Declaration. Brooklands Magherafelt, which is also a nursing home, had previously been heated by old, inefficient oil-fired boilers and the figure of 4,782 operating hours per year as well as being a guesstimate, did not take into consideration the significantly improved efficiency of the new biomass heating system in comparison to the old, inefficient heating system.

The revised State Aid Declaration (see attached) has instead calculated an accurate indication of the potential RHI payments generated by the installation based on **actual** running hours now that the installation has been installed and generating for four months. The revised operating hours in the amended State Aid Declaration are 2,920 operating hours per year, an average of 8 hours per day. At present the biomass boiler is operating significantly less than 8 hours per day and during many of the summer months was generating for only 2-4 hours per day. The average of 8 hours per day provided has therefore also taken into consideration the extra demand that will be placed on the boiler during the winter months.

To summarise, it can now be determined, based on actual operating hours, that 4,782 operating hours per year was a gross over-estimation of what the installation at Brooklands Magherafelt (Personal Information redacted by the RHI Inquiry) will operate for. This is due to a number of factors including using figures based on a guesstimate of potential operating hours and not considering the significantly improved efficiency of the biomass heating system in comparison to the old, inefficient oil-fired heating system (i.e. requiring less running hours). This over-estimation has been made clear and justified based on actual operating hours of the installation. As such this new, more accurate State Aid Declaration for (Personal Information redacted by the RHI Inquiry) is being submitted to be used in place of the previous, inaccurate State Aid Declaration.

Kind Regards,

**Fergal Hegarty**  
Project Manager

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### **Upcoming Events**

Action Renewables is now offering RHI Accreditation services. For further information please contact [RHI@actionrenewables.co.uk](mailto:RHI@actionrenewables.co.uk) or call Fergal Hegarty on 028 9072 7768. Alternatively, please visit our website by following the link <http://www.actionrenewables.co.uk/services/rhi-accreditation/>

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**RHI APPLICANTS WITH CARBON TRUST LOANS**

**Applicant Name**  
**Applicant Address**

Brooklands Nursing Homes

**RHI application reference number**

Personal Information redacted by the RHI Inquiry and Personal Information redacted by the RHI Inquiry

**Amount of Carbon Trust Loan**

£ Personal Information redacted by the RHI Inquiry

**Carbon Trust Loan interest benefit, (over 3 years)**

£ Personal Information redacted by the RHI Inquiry

**RHI Reasonable operation hour's assessment**

7,300

**Estimated RHI payment (over 3 years)**

£133,988.58

**Total of RHI and Carbon Trust Loan interest benefit**

£ Personal Information redacted by the RHI Inquiry

**Under de minimis limit (delete as appropriate)**

YES NO

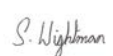
**RHI checked in order for approval (delete as appropriate)**

In order for approval	29/9/14
Not in order for approval	

**Sign and Date (Seamus Hughes)**



**RHI approved/not approved of Ofgem to process (Stuart Wightman) (delete as appropriate)**

Approved 

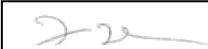
**Ofgem notified**

Date	29	09	2014
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**Comment/Justification (if required)**

Operating hours are based on actual metered running hours for plant at both Nursing Homes since they came into operation on 2 February 2014 and 24 April 2014 respectively.

## RHI APPLICANTS WITH CARBON TRUST LOANS

Applicant Name	Brooklands Nursing Homes		
Applicant Address			
RHI application reference number	Personal Information redacted by the RHI Inquiry and Personal Information redacted by the RHI Inquiry		
Amount of Carbon Trust Loan	£ Personal Information redacted by the RHI Inquiry		
Carbon Trust Loan interest benefit, (over 3 years)	£ Personal Information redacted by the RHI Inquiry		
RHI Reasonable operation hour's assessment	7,300		
Estimated RHI payment (over 3 years)	£133,988.58		
Total of RHI and Carbon Trust Loan interest benefit	£ Personal Information redacted by the RHI Inquiry		
Under de minimis limit (delete as appropriate)	YES		NO
RHI checked in order for approval (delete as appropriate)	In order for approval	16/9/14	
	Not in order for approval		
Sign and Date (Seamus Hughes)			

RHI approved/not approved of Ofgem to process (Stuart Wightman) (delete as appropriate)	Approved		
	Not Approved		
Ofgem notified	Date		

Comment/Justification  
(if required)

Operating hours are based on actual metered running hours for plant at both Nursing Homes since they came into operation on 2 February 2014 and 24 April 2014 respectively.

## RHI APPLICANTS WITH CARBON TRUST LOANS

<b>Applicant Name</b>	Brooklands Nursing Home (Magherafelt)		
<b>Applicant Address</b>	Hospital Road BT45 5EG		
<b>RHI application reference number</b>	Personal Information redacted by the RHI Inquiry		
<b>Amount of Carbon Trust Loan</b>	Personal Information redacted by the RHI Inquiry		
<b>Carbon Trust Loan interest benefit, (over 3 years)</b>	Personal Information redacted by the RHI Inquiry		
<b>RHI Reasonable operation hour's assessment</b>	2920		
<b>Estimated RHI payment (over 3 years)</b>	£54,636.12		
<b>Total of RHI and Carbon Trust Loan interest benefit</b>	Personal Information redacted by the RHI Inquiry		
<b>Under de minimis limit (delete as appropriate)</b>	YES	NO	
<b>RHI checked in order for approval (delete as appropriate)</b>	In order for approval		
	Not in order for approval		
<b>Sign and Date (Seamus Hughes)</b>			

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<b>RHI approved/not approved of Ofgem to process (Stuart Wightman) (delete as appropriate)</b>	Approved		
	Not Approved		
<b>Ofgem notified</b>	Date		

**Comment/Justification (if required)**

Operating hours based on actual metered running hours since the plant came into operation on 24 April 2014.

## RHI APPLICANTS WITH CARBON TRUST LOANS

<b>Applicant Name</b>	Brooklands Nursing Home (Kilkeel)		
<b>Applicant Address</b>	10 Newry Road BT34 4DT		
<b>RHI application reference number</b>	Personal Information redacted by the RHI Inquiry		
<b>Amount of Carbon Trust Loan</b>	Personal Information redacted by the RHI Inquiry		
<b>Carbon Trust Loan interest benefit, (over 3 years)</b>	Personal Information redacted by the RHI Inquiry		
<b>RHI Reasonable operation hour's assessment</b>	4380		
<b>Estimated RHI payment (over 3 years)</b>	£79,352.46		
<b>Total of RHI and Carbon Trust Loan interest benefit</b>	Personal Information redacted by the RHI Inquiry		
<b>Under de minimis limit (delete as appropriate)</b>	YES	NO	
<b>RHI checked in order for approval (delete as appropriate)</b>	In order for approval		
	Not in order for approval		
<b>Sign and Date (Seamus Hughes)</b>			

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<b>RHI approved/not approved of Ofgem to process (Stuart Wightman) (delete as appropriate)</b>	Approved		
	Not Approved		
<b>Ofgem notified</b>	Date		

**Comment/Justification (if required)**

Operating hours are based on actual metered running hours since the plant came into operation on 2 February 2014.