

Ellis, Cathal

From: Alexander, Joy
Sent: 02 September 2015 11:13
To: McMenamin, Colum
Cc: McKee, Rosemary; Cooper, Deirdre; Ellis, Cathal; McCarney, Teresa
Subject: FW: RHI Payments across CAFRE

Importance: High

Colum

See below from Cathal ref potential income from use of Biomass and Solar pv. Speaking to Cathal the Biomass RHI's will come in approx quarterly and the solar PV Roc's will be an annual payment.

In both cases the payments may not a line with our financial quarters – so we may need to see how these pan out – ie could be rolling payments system (2 biomass payments received in actual year with other 2 in following year and Solar PV Rocs – always lagging a year behind).

On this basis it is a hard to give a figure for 15/16 income – maybe £9k and hopefully closer to £27k in future years

In preparation for these payments - Could you arrange to get set up additional income budget lines for FTDB
 26993 – FTC Biomass Income
 26994 – FIC Biomass and Solar PV Income

Thanks

Joy

From: Ellis, Cathal
Sent: 01 September 2015 17:14
To: Alexander, Joy; McCarney, Teresa; Heron, Claire
Subject: RHI Payments across CAFRE
Importance: High

Folks Please see potential income from the RHI/ RoCs for CAFRE installations. Figures for Loughry are based on the calculations submitted to Ofgem. Potentially a total of £18,750 for FTC and FIC. On the negative side this changes the estimated fuel requirement to

FTC = 202 Tonnes	=	£40,400
FIC = 75 Tonnes	=	£15,000

RHI

Enniskillen	Average heat/p.a. used over 3 yrs	652,197kWh	x 1.5p =	£9783
Loughry	Calculated heat used FTC	910,000kWh	x 1.5p =	£13650
	Calculated heat used FIC	340,000kWh	x 1.5p =	£5100
Greenmount Total	Calculated heat used HC	140,000kWh	x 6.3p =	£8820 £37353

Roc

Estimated Generation solar PV **£9000**

Cathal

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

Personal information
 redacted by the RHI
 Inquiry (mobile)



Wood chip quality workshop

Tuesday 8th September 2015, 1.30pm – 5.30pm

Environment and Renewable Energy Centre
AFBI, Hillsborough



The banner features a dark background with a faint image of bamboo stalks. It contains the title 'Wood chip quality workshop', the date and time 'Tuesday 8th September 2015, 1.30pm – 5.30pm', and the location 'Environment and Renewable Energy Centre AFBI, Hillsborough'. Logos for DARD (Department of Agriculture and Rural Development), cafre (College of Agriculture, Food & Rural Enterprise), and afbi (Agriculture and Food Research Institute) are also present.

Ellis, Cathal

From: Kennedy, Sam
Sent: 07 September 2015 14:02
To: McAlinney, Seamus; McDowell, Derek; Moffett, George; Mooney, Paul; McHenry, Paul; Henderson, Joe
Cc: McKendry, Martin; Long, Eric; Moore, Nigel; Ellis, Cathal
Subject: FW: RHI Payments

Folks – please see below an email trail on the monetary gain for CAFRE from accessing Renewable Heat Incentive (RHI) payments.

These financial payments are significant across our 3 campuses.

Well done to Nigel, Cathal and all others who have driven our RE strategy.

Regards

Sam

From: McKendry, Martin
Sent: 07 September 2015 09:38
To: Fay, John; Kennedy, Sam; O'Boyle, James; McMenamin, Colum; Dickson, Fiona
Subject: FW: RHI Payments

Folks

Please see below from Cathal. As you can see the RHI payments for CAFRE are significant.

Regards

Martin

From: Ellis, Cathal
Sent: 04 September 2015 12:23
To: McKendry, Martin
Subject: RHI Payments

Martin, For information:

The potential RHI payments for CAFRE are set out below. The kWh figure for Enniskillen is based on the average use since 2012. The figure for the Loughry FTC/FIC is based on the heat loss calculation provided by Alternative Heat to OFGEM for the RHI Application. Likewise for the HC boiler which is the only one eligible for the higher rate tariff.

RHI

Enniskillen	Average heat/p.a. used over 3 yrs	652,197kWh	x 1.5p =	£9783
Loughry	Calculated heat used FTC	910,000kWh	x 1.5p =	£13650
	Calculated heat used FIC	340,000kWh	x 1.5p =	£5100
Greenmount	Calculated heat used HC	140,000kWh	x 6.4p =	£8960
Total				£37493

Roc

Loughry Estimated Generation solar PV £9000

Cathal

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