

Mr Geoffrey Wells

Mr & Mrs G C Wells

Personal information redacted by the RHI Inquiry



27 April 2018

Dear Sir

Re: The Independent Public Inquiry into the Non Domestic Renewable Heat Incentive (RHI) Scheme
Provision of a Section 21 Notice requiring the provision of evidence in the form of a written statement

I am writing to you in my capacity as Solicitor to the Independent Public Inquiry into the Non Domestic Renewable Heat Incentive (RHI) Scheme (known as 'the RHI Inquiry') which has been set up under the Inquiries Act 2005 ('the Act').

I enclose a copy of the RHI Inquiry's Terms of Reference for your information.

You may be aware from media reports that the RHI Inquiry is conducting its investigations into the matters set out in its Terms of Reference. The Inquiry is continuing with the process of gathering all of the relevant documentation from relevant departments, organisations and individuals. In addition, the Inquiry has also now begun the process of requiring persons who have been, or who may have been, involved in the range of matters which come within the Inquiry's Terms of Reference to provide written evidence to the Inquiry Panel.

In this context, it would be of assistance to the Inquiry to have a statement from you setting out your involvement with the Non Domestic Renewable Heat Incentive Scheme in Northern Ireland ('the Scheme').

In keeping with the approach we are taking with others, the RHI Inquiry is now issuing to you a Statutory Notice (known as a 'Section 21 Notice') pursuant to its powers to compel the provision of evidence in the form of a written statement in relation to the matters falling within its Terms of Reference.

The Section 21 Notice enclosed with this letter requires you to provide evidence to the RHI Inquiry Panel in the form of a written statement addressing the matters identified in the Schedule to the Section 21 Notice. As the text of the Section 21 Notice explains, you are required by law to comply with it.

The aim of the enclosed Notice is to require you to provide all relevant evidence within your knowledge which is pertinent to the Inquiry's Terms of Reference. The Schedule to the enclosed Section 21 Notice provides further detail as to the matters which should be covered in the written evidence which is required from you. In the event that there is a category of information in respect of which you have no evidence, please state this in your response. Where you can provide evidence, then the more comprehensive your statement is, the less likely it is that the Inquiry will have to revert to you at a later stage for clarification, although in many cases this is likely to be necessary to some degree.

If it would assist you, I am happy to meet with you (or your legal representative) to discuss what evidence you may be able to provide and whether it is covered by the Inquiry's request.

Receipt of this correspondence and its enclosures places you under a duty of confidentiality to the RHI Inquiry in respect of them. You may share the correspondence and the enclosed Notice with a legal representative or

representatives, but neither you nor they may show, communicate the contents of, or provide this correspondence or the Notice to any other person or organisation without the express permission of the RHI Inquiry. Any breach of this duty of confidentiality is actionable at the suit of the Inquiry Chairman.

You will also find attached to the Section 21 Notice a Guidance Note explaining the nature of a Section 21 Notice and the procedures that the RHI Inquiry has adopted in relation to such a notice. In particular, you are asked to provide your evidence in the form of the template witness statement which is also enclosed with this correspondence.

Given the tight time-frame within which the RHI Inquiry must operate, the Chairman of the Inquiry would be grateful if you would comply with the requirements of the Section 21 Notice as soon as possible and, in any event, by the date set out for compliance in the Notice itself.

Finally, I would be grateful if you could acknowledge receipt of this correspondence and the enclosed notice by email to Patrick.Butler@rhiinquiry.org.

Please do not hesitate to contact me to discuss any matter arising.

Yours faithfully

A handwritten signature in black ink that reads "Patrick Butler". The signature is written in a cursive, slightly slanted style.

Patrick Butler

Solicitor to the RHI Inquiry

02890408928

SCHEDULE**[No 31 of 2018]**

1. Provide details of your occupation(s) and/or employment during the period November 2012 to the date of answering this Notice.
2. Explain why you first became interested in the Non Domestic Renewable Heat Incentive Scheme in Northern Ireland (“the RHI Scheme”).
3. Please explain the direct or indirect involvement that you had with, or in relation to, the RHI Scheme or any aspect of it prior to its suspension in February 2016. In particular, please provide full details of the following:
 - a. Why you decided to apply to the Scheme;
 - b. The date each of your biomass boilers was installed;
 - c. The date you made each application to the Scheme;
 - d. The date each of your biomass installations was accredited;
 - e. The installed capacity (in kW) and efficiency of each of your biomass boilers;
 - f. The date upon which you received your first RHI payment;
 - g. The person or company you employed to provide and install each of your biomass boilers; and
 - h. The person or company, if any, you engaged to assist with each of your applications to the Scheme.
4. Explain when and why you started work in the poultry sector. In particular, explain whether your decision to enter this sector and/or the timing of such entry was related in any way to the availability of subsidies under the RHI Scheme.
5. Provide, for the period from November 2012 to date, a summary of the following:
 - a. The dimensions (length and breadth) of each of your poultry houses;

- b. The size (in bird numbers) of each crop produced per house and the number of such crops per annum per house (if there is any difference in this regard between houses served by renewable heating and those which are not or between the period prior to accreditation under the RHI Scheme and the period following accreditation, please set it out and provide an explanation for it);
 - c. The annual heat demand (in kWh) of each house (if there is any difference in this regard between houses served by renewable heating and those which are not or between the period prior to accreditation under the RHI Scheme and the period following accreditation, please set it out and provide an explanation for it).
6. It appears to the RHI Inquiry from information provided to it that you applied for accreditation of an installation or installations under the RHI Scheme between August 2015 and 18 November 2015 when there was a marked 'spike' in the number of such applications generally. As to that (and in respect of each such application), please address the following matters:
 - a. Why did you make an application to the Scheme at that time?
 - b. Did anyone encourage you to make an application to the Scheme at or around that particular time? If so, please identify who did so, when, and what reason was given for the encouragement.
 - c. Were you warned in any respect about the possible introduction of cost controls, tiered or amended tariffs, or an annual eligible heat cap into the Scheme? If so, in respect of each such warning, beginning with the earliest, please identify who provided this warning, when they did so, how it was communicated and (insofar as you can) in what terms.
 - d. Without prejudice to the generality of sub-paragraph c. above, were you in contact with any Minister, Special Adviser ('SpAd') or Civil Servant in respect of proposed changes to the Scheme? If so, please provide full

details including, in respect of each such contact, who it was with, when it occurred, how it occurred and (insofar as you can) the substance of what was said, discussed or communicated.

- e. Please explain, in respect of your installation(s) for which application for accreditation to the Scheme was made within the above period, how long it took from ordering the relevant plant to it being installed and commissioned.
 - f. Please explain any steps taken by you to expedite your application to the Scheme, including steps taken in order to ensure that your application was submitted in advance of 18 November 2015.
7. The RHI Inquiry has been made aware of your connection to Jim Wells MLA as his brother. Arising out of this, please provide full details of the following:
- a. All contact you had with Jim Wells in relation to or touching upon the RHI Scheme at any time (including, so far as possible, the date and time of each communication and the means of each communication) and specifying, in each instance, the nature and purpose of the contact; and
 - b. Any information you received from him, touching on or relating to the RHI Scheme (including so far as possible the date and time of the provision of such information).
8. Specify whether you were encouraged by Jim Wells to seek accreditation under the RHI Scheme, were assisted by him in doing so, or were provided by him with information which encouraged you to apply or to consider applying or which influenced the timing of any such application. Please provide full details, including the relevant dates.
9. Please advise whether you have any connection with the Ulster Farmer's Union ('UFU') (such as, for example, being a member of it) and, if you do have such a connection, please provide full details of same.

10. Please advise whether you have any connection with Moy Park (such as, for example, supplying chickens to Moy Park and/or being a member of a Moy Park Growers' Association) and, if you do have such a connection, please provide full details of same.
11. Specify whether you were encouraged by the UFU and/or Moy Park and/or anyone connected with either entity to seek accreditation under the RHI Scheme, were assisted in doing so, or were provided with information which encouraged you to apply or to consider applying or which influenced the timing of such application. Please provide full details of such information, including, but not limited to, the identity of the person(s) providing the information, the relevant dates and any and all documentation relating to this.
12. Specify whether you were encouraged by any other party to seek accreditation under the RHI Scheme, were assisted in doing so, or were provided with information which encouraged you to apply or to consider applying or which influenced the timing of any such application. Please provide full details, including the identity of the person or persons concerned and the relevant dates.
13. Specify whether you used any information which had been shared with you to advise, encourage, assist, or cause other persons to apply, or consider applying, for accreditation under the RHI Scheme. In respect of any such instance, please provide full details, including (but not limited to) the information you shared, the third party concerned and the date of any steps taken by you in that regard.
14. Specify whether you are aware of Jim Wells sharing information in relation to the RHI Scheme (in particular, but not limited to, information about the amendment of the Scheme or the introduction of costs controls into the Scheme) with any other persons, giving details of the identity of such other persons and what information was shared by him in relation to the RHI Scheme, as far as you can.

15. Please provide details of each and every communication, either direct or indirect, between you and any other person in relation to the RHI Scheme (providing the nature, date, and place of each communication as well as details of the persons between whom each such communication occurred).
16. Specify any email addresses used by you and any telephone numbers used by you in relation to any communication about the RHI Scheme.
17. Specify whether Jim Wells has, or has previously had, any financial interest, either directly or otherwise, in your economic activity, business or businesses.
18. Specify when you first became aware that tariffs payable under the RHI Scheme exceeded the cost of biomass fuel used to produce heat and/or the cost of producing a unit of heat (so that there was an incentive in some cases to produce heat merely to make profit from the Scheme) and how you so became aware. Without prejudice to the foregoing, please also provide details of the following:
 - a. The type of biomass fuel burned by each of your / your business' biomass boilers (for example, wood pellets or wood chips) and, in the case of wood chip (if applicable), the moisture content of same;
 - b. Whether you / your business were able to obtain a discount on fuel prices by, for example, bulk buying, group buying, and/or entering into a long-term supply contract and, if you were so able, please provide details of this;
 - c. The prices paid by you / your business for each fuel type (in £/tonne and/or p/kWh) including details of how these prices changed over time (if applicable);
 - d. Any other operating costs you / your business incurred (e.g. electricity) when producing heat with biomass fuel;

- e. the steps (if any) taken by you to alert other persons (including, for example, Jim Wells, DETI or Ofgem officials, the UFU, Moy Park, and/or other poultry farmers) to the fact that the relevant RHI tariff exceeded the cost of biomass fuel and/or the cost of producing a unit of heat with biomass fuel.
19. The Enhanced Capital Allowances Scheme (ECA) was available for certain renewable energy technologies, including some of those falling within the RHI Scheme. This enabled businesses to claim 100% tax relief on the purchase of eligible equipment in the year of purchase. In relation to this, please explain:
- a. Whether you availed of such relief in respect of any of your biomass installations;
 - b. If so, please explain:
 - i. At what stage you became aware of the ECA scheme and how you became so aware;
 - ii. Whether you were encouraged to avail of the said tax relief, providing all relevant details of who encouraged you, and when and how they did so;
 - iii. Whether the prospect of benefitting from this tax relief enhanced your interest in the RHI Scheme;
 - iv. Whether you were aware at any time of any changes that occurred in respect of the ECA system (such as, for example, the removal of any renewable heat technology from the list of technologies eligible for 100% write-off in a single year), including, in particular, how you became so aware;
 - v. The date(s) on which you purchased your biomass boiler(s);

- vi. The date(s) on which you registered with the ECA scheme;
 - vii. The amount of tax relief you benefitted from for each biomass installation under the ECA scheme, providing all documentation in relation to this;
 - c. Whether you applied for, received or in any way benefitted from any further form of financial assistance in order to purchase and/or install any biomass boiler(s) and related heating systems which are accredited under the RHI Scheme, (including but not limited to, grant aid, interest-free loan, tax relief or any other form of financial incentive).
20. Except to the extent that it has already been comprehensively addressed in your answers to the foregoing questions, provide details of your past and current connections (if any) with the following, insofar as they are of potential relevance to the RHI Scheme and the Inquiry's Terms of Reference:
- a. The Democratic Unionist Party ('DUP');
 - b. Moy Park;
 - c. The Ulster Farmers' Union ('UFU');
 - d. Action Renewables;
 - e. The Renewable Heat Association of Northern Ireland ('RHANI').
21. Except to the extent that it has already been comprehensively addressed in your answers to the foregoing questions, please set out any potential risks, flaws, problems, anomalies, loopholes, or other issues regarding the RHI Scheme which came to your attention, setting out details of when you first became aware of each such issue and the actions (if any) taken by you as a result.
22. Except to the extent that it has already been comprehensively addressed in your answers to the foregoing questions, please provide any further evidence within your knowledge or belief which is relevant to the matters that the RHI Inquiry is investigating as set out in the RHI Inquiry's Terms of Reference.

NOTE:

It is important for the efficiency of the RHI Inquiry that the issues identified above are addressed as fully as possible and by reference, where available, to the dates and locations of specific incidents to which reference is made. The statement should be broken down into paragraphs, which should be numbered sequentially from '1' to the end. The use of appropriate section headings or sub-headings is also encouraged. A template witness statement is provided with this Notice for your assistance and should be used as the format for your response.

GUIDANCE NOTES FOR THE SECTION 21 NOTICE

1. The Independent Public Inquiry into the Non Domestic Renewable Heat Incentive (RHI) Scheme ('the RHI Inquiry') was set up under the Inquiries Act 2005 ('the Act').



INQUIRY INTO THE RENEWABLE HEAT INCENTIVE SCHEME

RHI REF: Notice 31 of 2018

DATE:

Witness Statement of:

1. Geoffrey C Wells will say as follows: -

1. Farmer

2. We were advised by Cafe on the 28th October 2014 and Moy Park that it provided a better environment for the chickens

3. Please explain the direct or indirect involvement that you had with, or in relation to, the RHI Scheme or any aspect of it prior to its suspension in February 2016. In particular, please provide full details of the following:

a. See answer to number 2.

b. August to October 2015

c. October 2015

d. 20th October 2015.

e. 99 kW

f. February 2016

g. Turco engineering

h. Chris Boyle engineering.

4. Reared Turkeys for 20 years from 1978
Started chickens with Moy Park 1995.

5. One house 248 feet by 48 ft.

a.



- b. Average 22,000 birds/crop 6 1/2 crops per year.
- c. ~~425 kWh~~ 425000 kWh

6. It appears to the RHI Inquiry from information provided to it that you applied for accreditation of an installation or installations under the RHI Scheme between August 2015 and 18 November 2015 when there was a marked 'spike' in the number of such applications generally. As to that (and in respect of each such application), please address the following matters:

- a. From the time that we attended Practical on farm Renewable Energy conference at Greenmount and deciding to go forward with the incentive and arrange finance with the bank.
 - b. Turco engineering. They were selling their product
 - c. Turco engineering
 - d. No
 - e. Ordered July 2015 Installed in September-October
 - f. Once we had borrowed the money from the bank we wanted to get the business burner running as quickly as possible
7. The RHI Inquiry has been made aware of your connection to Jim Wells MLA as his brother. Arising out of this, please provide full details of the following:
- a. No contact with Jim Wells about business heating
 - b. No information from Jim Wells



8. No encouragement or assistance from Jim Wells.
9. A member of the Ulster Farmer's Union.
10. Grower for Moy Park
11. We were encouraged by the field staff of Moy Park as business heading provided a better environment for the chickens and ourselves.
12. Turco.
13. No. information shared to others
14. Not aware of Jim Wells sharing information
15. Chris Boyle.
16. Personal information redacted by the RHI Inquiry
17. Personal information redacted by the RHI Inquiry Personal information redacted by the RHI Inquiry
17. none
18. As my payments were below the estimates of coffee predictions. I only became aware by gossip and then press coverage that tariffs were exceeding costs.
- a. Wood Pellets Balcas
 - b. We pay market price for a bulk load of 24 tonne
 - c. See documents provided from balcas.
 - d. Personal information redacted by the RHI Inquiry
 - e. Personal information redacted by the RHI Inquiry Electricity increased by 400
 a quarter service twice a year 300 / service
 More labour required for cleaning and blowing dust off equipment after each crop of birds.
 Repairs to equipment £500/annum.
 - e. no steps taken.



19. The Enhanced Capital Allowances Scheme (ECA) was available for certain renewable energy technologies, including some of those falling within the RHI Scheme. This enabled businesses to claim 100% tax relief on the purchase of eligible equipment in the year of purchase. In relation to this, please explain:

a. We did not avail of such relief.

b. If so, please explain:

i.

ii.

iii.

iv.

v.

vi.

vii.

c. Moy Park Grant £2100/annum for 10 years.

20.

a. no connection to DUP

b. Grower for Moy Park

c. Member of UFU

d. Went to ~~the~~ Cagire Conference

e. We were a member of RHANI for 1 year.



21. If we had realised the problems and costs of running the system that was a government scheme and the hassle that it is now causing both mentally and financial we would never have started. The only advantage of the business heating system for us and the birds is the environment in the chicken house.

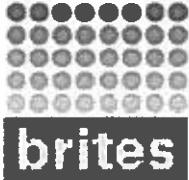
22. No further evidence
Please find enclosed Cofre conference that we attended.

Statement of Truth

I believe that the facts stated in this witness statement are true.

Signed: Geoffrey C. Wells

Dated: 4 / 6 / 18



INVOICE

Invoice To:

Geoffrey Wells
Personal information redacted by the RHI Inquiry

Delivered To:

Vat Reg No.:251770662

Personal information redacted by the RHI Inquiry

Account Number	Delivered Date	Customer Order No.	Invoice Date	Invoice No
Personal information redacted	20/02/2018		20/02/2018	017990

Product Code	Description	Quantity	Unit Price	VAT	Net Value
BULKG1	Bulk Wood Pellets 6mm ENplus A1 FSC C021367 ENPlus Type: ENplus A1 UK307	23.30	170.00	2	3,961.00

VAT	Rate	Goods Amount	VAT Amount
2	5.00%	3,961.00	198.05

Goods	3,961.00
VAT	198.05
Sterling Total	4,159.05

Any query regarding this document must be notified to us within 7 days

Payment due by: 31-Mar-2018

Personal information redacted by the RHI Inquiry

To pay electronically our bank details are:

Personal information redacted by the RHI Inquiry

You can also pay by cheque, debit or credit card. Please make cheques payable to Balcas Timber Ltd.

Remittance Advice

Balcas Timber Ltd.
75 Killadeas Road
Laragh
Ballinamallard
Enniskillen
Co. Fermanagh
N Ireland
BT94 2ES

If payment has been made in the last few days please disregard this request for payment.

Geoffrey Wells

Account No:

Personal information redacted

Invoice No:

017990

Invoice Date:

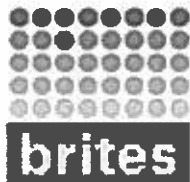
20/02/2018

Invoice Value:

£4,159.05

Payment Due Date:

31/03/2018



INVOICE

Invoice To:

Geoffrey Wells Personal information redacted by the RHI Inquiry

Delivered To:

Vat Reg No.:251770662

Personal information redacted by the RHI Inquiry
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Account Number	Delivered Date	Customer Order No.	Invoice Date	Invoice No
Personal information redacted	20/11/2017		20/11/2017	009951

Product Code	Description	Quantity	Unit Price	VAT	Net Value
BULKG1	Bulk Wood Pellets 6mm ENplus A1 BSL0028407-0001 ENPlus Type: ENplus A1 UK307	23.68	145.00	2	3,430.70

VAT	Rate	Goods Amount	VAT Amount
2	5.00%	3,430.70	171.54

Goods	3,430.70
VAT	171.54
Sterling Total	3,602.24

Any query regarding this document must be notified to us within 7 days

Payment due by: 31-Dec-2017

To pay electronically our bank details are:

Personal information redacted by the RHI Inquiry

Personal information redacted by the RHI Inquiry

You can also pay by cheque, debit or credit card. Please make cheques payable to Balcas Timber Ltd.

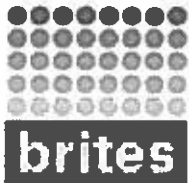
Remittance Advice

Balcas Timber Ltd. 75 Killadeas Road Laragh Ballinamallard Enniskillen Co. Fermanagh N Ireland BT94 2ES
--

If payment has been made in the last few days please disregard this request for payment.

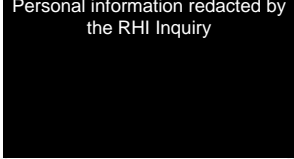
Geoffrey Wells

Account No:	Personal information redacted
Invoice No:	009951
Invoice Date:	20/11/2017
Invoice Value:	£3,602.24
Payment Due Date:	31/12/2017



INVOICE

Invoice To:

Geoffrey Wells Personal information redacted by the RHI Inquiry 
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Delivered To:

Vat Reg No.:251770662

Personal information redacted by the RHI Inquiry 
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Account Number	Delivered Date	Customer Order No.	Invoice Date	Invoice No
Personal information redacted	17/08/2017		17/08/2017	005135

Product Code	Description	Quantity	Unit Price	VAT	Net Value
BULKG1	Bulk Wood Pallets 6mm ENplus A1 BSL0028407-0001 ENPlus Type: ENplus A1 UK307	23.84	148.00	2	3,528.32

VAT	Rate	Goods Amount	VAT Amount
2	5.00%	3,528.32	176.42

Goods	3,528.32
VAT	176.42
Sterling Total	3,704.74

Any query regarding this document must be notified to us within 7 days

Payment due by: 30-Sep-2017

To pay electronically our bank details are: 
 Personal information redacted by the RHI Inquiry

You can also pay by cheque, debit or credit card. Please make cheques payable to Balcas Timber Ltd.

Remittance Advice

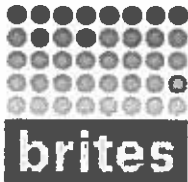
Balcas Timber Ltd. 75 Killadeas Road Laragh Ballinamallard Enniskillen Co. Fermanagh N Ireland BT94 2ES

If payment has been made in the last few days please disregard this request for payment.

Geoffrey Wells

Account No: 
 Invoice No: 005135
 Invoice Date: 17/08/2017
 Invoice Value: £3,704.74
 Payment Due Date: 30/09/2017

Balcas Timber Ltd. | brites | +44 (0) 28 6841 1001
 75 Killadeas Road | Laragh | Ballinamallard | Enniskillen | Co. Fermanagh | N Ireland | BT94 2ES
 Company Registration Number: NI26014



INVOICE

Invoice To:

TRUE AND CERTIFIED COPY

Geoffrey Wells Personal information redacted by the RHI Inquiry
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Delivered To:

Vat Reg No.:251770662

Personal information redacted by the RHI Inquiry

Account Number	Delivered Date	Customer Order No.	Invoice Date	Invoice No
Personal information redacted	25/04/2017		25/04/2017	001443

Product Code	Description	Quantity	Unit Price	VAT	Net Value
BULKG1	Bulk Wood Pellets BSL0028407-0001 ENPlus Type: ENplus A1 UK307	24.18	148.00	2	3,578.64

VAT	Rate	Goods Amount	VAT Amount
2	5.00%	3,578.64	178.93

Goods	3,578.64
VAT	178.93
Sterling Total	3,757.57

Any query regarding this document must be notified to us within 7 days

Payment due by: 31-May-2017

To pay electronically our bank details are:

Personal information redacted by the RHI Inquiry

Personal information redacted by the RHI Inquiry

You can also pay by cheque, debit or credit card. Please make cheques payable to Balcas Timber Ltd.

Remittance Advice

Balcas Timber Ltd. 75 Killadeas Road Laragh Ballinamallard Enniskillen Co. Fermanagh N Ireland BT94 2ES
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If payment has been made in the last few days please disregard this request for payment.

Geoffrey Wells

Account No:

Personal information redacted

Invoice No:

001443

Invoice Date:

25/04/2017

Invoice Value:

€3,757.57

Payment Due Date:

31/05/2017

order history of pellets

AM

Anita McAloon <anita.mcaloon@brites.eu>

Reply |

Mon 16/01/2017, 14:41

You

Book2.xlsx
13 KB

Show all 1 attachments (13 KB) Download
Save to OneDrive - Personal

Hi Alison,

Please find attached report of all orders placed in total along with the most recent order still to be delivered.

Kind regards
Anita McAloon
Customer Support Team



Balcas Limited 75 Killadeas Road, Laragh, Ballinamallard, Enniskillen, Co. Fermanagh, Northern Ireland, BT94 2ES
phone +44 (0) 28 6641 1001 | fax: +44 (0) 28 6641 1066 | www.brites.eu



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Balcas Ltd, 75 Killadeas Road, Laragh, Ballinamallard, Enniskillen, Co. Fermanagh, N.Ireland, BT94 2ES. Registered in N. Ireland No. NI 5325.

Order #	Quantity	Quantity Delivered	Price	Price/Tonne	Received	Delivered	Delivery Address
108954	24	0	£3,654	£145	16/01/2017		Personal information redacted by the RHI Inquiry
103616	24	22.62	£3,443.90	£145	28/10/2016	01/11/2016	
99504	24	24.94	£3,849.49	£147	05/07/2016	07/07/2016	
94700	24	24.66	£4,065.20	£157	15/03/2016	21/03/2016	
88297	24	23.35	£3,849.25	£157	07/12/2015	14/12/2015	
84834	24	24.02	£3,959.70	£157	05/10/2015	08/10/2015	



College of Agriculture,
Food & Rural Enterprise

Practical on-farm Renewable Energy



CAFRE,
Greenmount Campus
Tuesday 28th October, 2014
11.00am-8.30pm



Tours of Renewable Energy Installations on Greenmount Campus

Tour	Time
Biomass boiler	1.30
	2.30
	4.00
Heat pump	12.00
	2.00

Trade Exhibition

**Over 50 companies will exhibit
their products**

For further information
contact:

David Trimble

Tel: (028) 9442 6682

Email: david.trimble@dardni.gov.uk

CAFRE

Greenmount Campus

45 Tirgracy Road

Muckamore

Antrim, BT41 4PS



Renewable Energy Challenge Seminar Programme

Time	Subject	Speaker	Room
11.30	Grid connection	Michael Atkinson, Head of Generation Connections, NIE	C
12.00	Renewable Heat Incentive	Stuart Wightman, Renewable Heat Branch, DETI	D
12.30	Renewable Obligation Certificates	Michael Harris, Renewable Electricity Branch, DETI	C
1.00	Preparing a planning application	Roisin McAllister, Newline Architects	D
1.30	Finance	Eoin Donnelly and Dominic O'Neill, First Trust Bank	C
2.00	Potential of micro-grids	Christopher Osborne, Senior Policy Officer, UFU	D
2.30	Efficient farming cuts GHG emissions	Lynne O'Neill, Climate Change and Renewable Energy Policy, DARD	C
3.00	Renewable payback times	Charlie Kilpatrick, Senior Business Adviser, CAFRE	D
3.30	Grid connection	Michael Atkinson, Head of Generation Connections, NIE	C
4.00	Renewable Heat Incentive	Stuart Wightman, Renewable Heat Branch, DETI	D
4.30	Preparing a planning application	Roisin McAllister, Newline Architects	C
5.00	Potential of micro-grids	Christopher Osborne, Senior Policy Officer, UFU	D
5.30	Finance	Eoin Donnelly and Dominic O'Neill, First Trust Bank	C
6.00	Renewable Obligation Certificates	Michael Harris, Renewable Electricity Branch, DETI	D
6.30	Renewable payback times	Charlie Kilpatrick, Senior Business Adviser, CAFRE	C
7.00	Efficient farming cuts GHG emissions	Lynne O'Neill, Climate Change and Renewable Energy Policy, DARD	D

Time	Subject	Speaker	Room
11.30	Photovoltaic power (PV)	Monitoring farm case studies David Trimble, Renewable Energy Technologist, CAFRE	A
12.00	Wind power	David Curry, Coleraine Case study farmer	B
12.30	Heat from biomass	Andrew McCrea, Stewartstown Case study farmer	A
1.00	On-farm biogas	Reuben McFarland, Fintona Case study farmer with Ian Bradley	B
1.30	Biomass production and associated waste treatment	Chris Johnston, Environment and Renewable Energy Centre, AFBI Dr Alistair McCracken, AFBI	A
2.00	Micro-hydro power	John Oliver, Limavady Case study farmer	B
2.30	Photovoltaic power (PV)	Monitoring farm case studies David Trimble, Renewable Energy Technologist, CAFRE	A
3.00	Heat from biomass	Andrew McCrea, Stewartstown Case study farmer	B
3.30	Energy storage systems	David Surplus, B9 Energy Storage Ltd	A
4.00	Energy efficiency	David Trimble, Renewable Energy Technologist, CAFRE	B
4.30	On-farm biogas	Reuben McFarland, Fintona Case study farmer with Ian Bradley	A
5.00	Wind power	David Curry, Coleraine Case study farmer	B
5.30	Biomass production and associated waste treatment	Chris Johnston, Environment and Renewable Energy Centre, AFBI Dr Alistair McCracken, AFBI	A
6.00	Energy storage systems	David Surplus, B9 Energy Storage Ltd	B
6.30	Heat from biomass	Mark Hawe, case study on Andrew McCrea's farm	A
7.00	Photovoltaic power (PV)	Monitoring farm case studies David Trimble, Renewable Energy Technologist, CAFRE	B