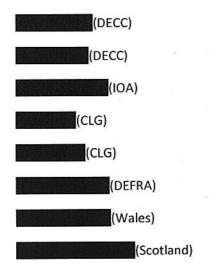
From: @pbworld.com]
Sent: 17 December 2012 21:24
M A
To: (Office for Renewable Energy Deployment)
Subject: RE: Good Practice Guidance Oversight Group Mtg 13.12.12
Thanks
Good to meet you last week. Let me know if you need any further updates / assistance.
Kind regards,
From: (Office for Renewable Energy Deployment) [mailto: decc.gsi.gov.uk]
Sent: 17 December 2012 16:48
То:
dh.gsi.gov.uk'; Wales.gsi.gov.uk';
scotland.gsi.gov.uk'; @scotland.gsi.gov.uk';
@doeni.gov.uk'; Energy Development)
Cc: Office for Renewable Energy Deployment); (Office for Renewable Energy Deployment)
Subject: Good Practice Guidance Oversight Group Mtg 13.12.12
Dear all,
Thank you for attending last week's meeting of the Good Practice Guidance oversight group. Please see below a list the action points we discussed – let me know if you have any comments.
The next meeting will be held at the end of February – I will get in touch early in the new year to agree a date.
Kind regards,

Actions arising from meeting 13/12/12

Present:



Actions arising

- CLG to follow up approach to Planning Officers' Society seeking planning expertise to peer review group.
- CLG to circulate details of planning meeting in Jan (complete).
- Group to consider how to address perceived issues with AM raised by some respondents.
- Group to consider consultation responses.
- DECC to consider ahead of next meeting whether to hold a stakeholder launch in May.

From: @defra.gsi.gov.uk]
Sent: 18 December 2012 10:26
To:
Cc: (Office for Renewable Energy Deployment); (Office for Renewable Energy Deployment)
Subject: RE: Good Practice Guidance Oversight Group Mtg 13.12.12
Well done for getting a training slot on noise.
I would be keen to attend the noise session – if only to observe – but I wonder if we should liaise so that we can integrate the noise element of EN- 3 with your work on the ETSU assessment guidance method. It is important that PINS understand the total framework for noise in this context.
what do you think?
Regards

From: @pbworld.com]
Sent: 18 December 2012 07:49
To: (Office for Renewable Energy Deployment); (ERG-ALE); (ERG-ALE); (Office for Renewable Energy Deployment); (@dh.gsi.gov.uk; (WAG-EPC); @scotland.gsi.gov.uk; @doeni.gov.uk; (DECC) - DO NOT ENABLE - Refer to Maximo CH104251; (Office for Renewable Energy Deployment)
Subject: RE: Good Practice Guidance Oversight Group Mtg 13.12.12
Hi
I can confirm that has been in touch with me, and we are arranging a slot at the training for noise.
Kind regards,
From: [mailto: @communities.gsi.gov.uk]
Sent: 13 December 2012 18:08
To: (Office for Renewable Energy Deployment); (ERG-ALE); (Office for Renewable Energy Deployment) (Office for Renewable Energy Deployment) (Office for Renewable Energy Deployment); (Energy Development); (Office for Renewable Energy Deployment)
Subject: RE: Good Practice Guidance Oversight Group Mtg 13.12.12
Hi all, at the meeting this afternoon I was asked to forward details of the PINS training event on wind farms. Colleagues from Scotland were particularly interested.
The event is planned for 24 & 25 Jan, and is leading on the organisation with

Ÿ

Planning Inspectorate

Climate change mitigation and adaptation Planning - Infrastructure &
Environment Division Planning Directorate DCLG
@communities.gsi.gov.uk Eland House, Bressenden Place, London SW1E 5DU
From:(Office for Renewable Energy Deployment) [mailto:@decc.gsi.gov.uk]
Sent: Wednesday, December 12, 2012 11:07 AM
То:
(Office for Renewable Energy Deployment); @dh.gsi.gov.uk';
@scotland.gsi.gov.uk' @doeni.gov.uk'; (Energy
Development); (Office for Renewable Energy Deployment)
Subject: Good Practice Guidance Oversight Group Mtg 13.12.12
ΔII

Ahead of Thursday's Good Practice Guidance Government oversight Group, please see the agenda, actions from previous meeting and responses to the consultation.

Please note that the stakeholder responses need to be downloaded using the link as it is a 7MB file.

Agenda

1. Feedback on Consultation Reponses to be published on the IOA website (ALL)

Download them at: https://ftp.pbworld.com/GetFile.aspx?fn=1683861270.zip

- 2. Further feedback following review of consultation responses (RP)
- 3. Review of project timelines (as per attached) (RP)
- Strategy to deal with 'off-scope' issues (RP)
- 5. Would DECC like a Stakeholder "launch" meeting in May (IOA are planning one in Bristol)

Please let me know if you would like to dial in to the meeting.

The meeting details are: 13 December 2-3.30pm, Room 102, 3 Whitehall Place.

Office for Renewable Energy Deployment

Department of Energy & Climate Change

http://www.decc.gov.uk/onshorewind

Actions from Government Oversight Group on ETSU Good Practice Guidance, Monday 5 November 2012

- CLG to consider whether additional planning expertise is required for the next stage of the work and if so how this should be obtained.
- DECC to circulate a summary of consultation responses ahead of December oversight meeting.
- Group to consider if there is need to produce a first draft of the guidance for discussion and comments ahead of final publication.

From: @defra.gsi.go	v.uk]
Sent: 18 December 2012 16:02	
To:	
Cc: (Office for Renewable Energy Deployment); Energy Deployment)	(Office for Renewable
Subject: RE: Good Practice Guidance Oversight Group Mtg 13.12.12	
OK – thanks. Let's catch up in the new year.	

http://www.defra.gov.uk/environment/quality/noise/

From:	@pbworld	d.com]	
Sent: 18 December 201	2 07:49		
To @dh.gsi.go @so		@doeni.gov.uk;	gy Deployment); cotland.gsi.gov.uk; (DECC) - DO ble Energy Deployment)
Subject: RE: Good Pract	ice Guidance Oversight Gr	oup Mtg 13.12.12	
Hi			
I can confirm that noise.	has been in touch with m	ne, and we are arranging a	slot at the training for
Kind regards,			
	· · · · · · · · · · · · · · · · · · ·		
From: Sent: 13 December 201		ities.gsi.gov.uk]	
Deployment); @scotlan @doeni Renewable Energy Dep	loyment)	(Office for Renew @Wales.gsi.gov @scotland.gsi.gov.tergy Development);	.uk;
Subject: RE: Good Pract	tice Guidance Oversight G	roup Mtg 13.12.12	

Hi all, at the meeting this afternoon I was asked to forward details of the PINS training event on wind farms. Colleagues from Scotland were particularly interested.

The event is planned for 24 & 25 J	lan, and grant and is leading on the organisation with
Planning Inspectorate	
Casework Division	
2 The Square	
Bristol BS1 6PN	
If i get any more info i will send it o	on.
thanks	
Environment Division Planning D	Planning - Infrastructure & Pirectorate DCLG
@communities.gsi.gov	v.uk Marie, Eland House, Bressenden Place, London SW1E 5DU
From: (Office for Rene	wable Energy Deployment) [mailto: @decc.gsi.gov.uk]
Sent: Wednesday, December 12, 20	012 11:07 AM
То:	
(Office for Renewable @Wales.gsi.gov.uk'	Energy Deployment @dh.gsi.gov.uk'; '; @dh.gsi.gov.uk';
@scotland.gsi.	- 5 5 7
Subject: Good Practice Guidance O	versignt Group Mtg 13.12.12
All	

Ahead of Thursday's Good Practice Guidance Government oversight Group, please see the agenda, actions from previous meeting and responses to the consultation.

Please note that the stakeholder responses need to be downloaded using the link as it is a 7MB file.
Agenda
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Download them at: https://ftp.pbworld.com/GetFile.aspx?fn=1683861270.zip
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3. Review of project timelines (as per attached) (RP)
4. Strategy to deal with 'off-scope' issues (RP)
5. Would DECC like a Stakeholder "launch" meeting in May (IOA are planning one in Bristol)
Please let me know if you would like to dial in to the meeting.
The meeting details are: 13 December 2-3.30pm, Room 102, 3 Whitehall Place.
Department of Energy & Climate Change
Department of Energy and Climate Change 3 Whitehall Place SW1A 2AW Telephone: @decc.gsi.gov.uk

From: Office for Renewable Energy Deployment)

Sent: 12 February 2013 12:05

To:	
	@dh.gsi.gov.uk;
	@Wales.gsi.gov.uk; @gggggggggggggggggggggggggggggggggggg
Development	@scotland.gsi.gov.uk; @go.gov.gov.gov.gov.uk; Leigh (Energy
Cc:	(Office for Renewable Energy Deployment)
Subject: RE: G	iood Practice Guidance Oversight Group Mtg 13.12.12
All	
Please see the	e minutes/actions from today's meeting.
1. ACTIO	N to chase up Planning Officers' Society for planning expertise to peer review
group.	
ACTIO publication of	N: DECC to consider need for guidance on AM and public lines on this issue for GPG.
website (likely	agreed that the GPG would have a low key launch with publication on the IOA to be w/c 13 May) and be followed up with a small event in June with those who had fed into the process.
4. ACTIO	
group) at the	end of February for comments.
5. ACTIO	N: to circulate the project plan to oversight group.

From	(Office for Renewable Energy Deployment)	
Sent: 07 March 2	2013 11:29	
To:	(Office for Renewable Energy Deployment)	
Cc: Renewable Ener	(Office for Nuclear Development); gy Deployment)	(Office for
Subject: Westmi	nster Hall debate - Brechfa windfarm and ETSU-R-97	

The transcript of yesterdays debate is now available on Hansard and can be viewed online at:

 $http://www.publications.parliament.uk/pa/cm201213/cmhansrd/cm130306/halltext/130306h0001. \\ httm#13030679000001$

The Minister made the following comment (in haste) regarding ETSU-R-97:

"The hon. Gentleman asked about noise and reliance on regulations that date back to 1996. We have procured updated analysis from acoustic experts Hayes McKenzie, which carried out a research project. Its report was published in June 2011, and it found that although ETSU-R-97 guidance remained fit for purpose, good practice guidance was needed to confirm, and where necessary clarify, how it is being implemented in practice. We are producing new guidance, which will be published in the first half of 2013. We are updating the guidance, but we believe that it is fit for purpose. I am afraid I cannot go into more detail, but I will be happy to write to the hon. Gentleman."

Do you think that we need to clarify what the Minister said with regards to producing implementation guidance? The majority of what he said is in line with our position. However, the sentence "we are updating the guidance, but we believe that it is fit for purpose" could be read as we are updating ETSU-R-97 itself, which, as I understand things, is not our intention.

is currently drafting a letter to the MP who raised the debate and others who asked questions. If we do wish to clarify what the Minister said then this could be an opportunity to do so – but we will need to let him know soon so I would be grateful for your thoughts by cop today if possible please.

nappy to discus	s,					
Kind regards,						
	¥					
From:	(Office for Renev	wable Energy D	eployment	t)		
Sent: 07 March 2	2013 11:33					
То:	(Office for Renew	able Energy De	ployment)			
Cc: Renewable Ener		for Nuclear De	velopment		(Office for	
Subject: RE: Wes	tminster Hall debate	e - Brechfa win	dfarm and	ETSU-R-97	5	
– go	od work on the brief	fing and suppor	rt.			
Agroo that the at			n n e	0 700 0 70	2 2 20 20 20	

Agree that the statement is almost perfect but the last sentence is slightly confusing. I think that if queried it is defensible (he's referring to the second set of guidance – good-practice guidance, rather than ETSU itself) but good idea to reiterate/clarify in the letter to the MP.

Let me know if you'd like any more information than you currently have.

From: @pbworld.com]
Sent: 29 April 2013 20:43
To: Office for Renewable Energy Deployment)
Cc: (Office for Renewable Energy Deployment)
Subject: RE: IOA GPG Peer Review Request
Hi
Draft Guide attached for circulation to the Oversight Group. This has gone to IOA Council for their approval.
Suggested agenda for the meeting on Wednesday:
 Discussion on the Guide circulated. Happy to discuss how we've addressed the Oversight Group Comments.
2. Discussion on Press Handling
3. Discussion on potential DECC launch meeting for the original invitees
4. Discussion on recent PQ's re Data release
5. Timelines for Supplementary Guidance Notes.
6. Need for non technical version?
7. AOB
Kind regards,

From: @RenewableUK.com]
Sent: 07 May 2013 18:32
To: (Office for Renewable Energy Deployment)
Cc: (Office for Renewable Energy Deployment)
Subject: Meeting on IOA Guidance - 9th May
Hi The State of th
Please could we go with the meeting at 3.00pm on the 9th? will be attending from
RES, to call in. Would this be something that you'd be happy with?
The state with the something that you u be happy with?
Thanks,
Explanation of the control of the co
RenewableUK
RenewableUK, Greencoat House, Francis Street, London SW1P 1DH
Dear
I understand you met with and and to discuss your concerns about the IoA noise good
practice guidance – in particular sound power levels and cumulative impacts. I'm aware that has spoken to who has confirmed that the majority of R-UK's input has been
reflected in the guidance and that the final document will be circulated next week, in advance of
publication.

As you know, we are keen to uphold the independent appropriate for us to intervene on specific points that you contact directly, who would be	s. If you have any fu	rther concer	ns, I recom	
Happy to discuss at our catch-up on Monday.				
Have a good weekend,				
				28
	2			
Department for Energy and Climate Change				
3 Whitehall Place London –	@decc.gsi	gov.uk		
From: [mailto: @pbwo	rld.com]			
Sent: 16 May 2013 11:05				
	eployment); @dh.gsi.gov.uk @scotland. nergy Development) Office for Renewable		(Office fo	si.gov.uk; or
Subject: RE: IOA GPG: actions from meeting				

Hi all,

Please see attached the final GPG. This will be published on the IOA website on Monday 20th May, and officially launched at a one day meeting in Bristol on Tuesday 21st May.

Thank you all for your helpful support during the p	roduction of this document.
Parsons Brinckerhoff	
raisons binickernon	
Queen Victoria House,	
Redland Hill, Bristol BS6 6US, UK	
PORTAL PROPERTY AND ADDRESS OF THE PARTY OF	
www.pbworld.com	
From: (Office for Renewable Energy De	eployment) [mailto: @decc.gsi.gov.uk]
Sent: 01 May 2013 13:35	
То:	
@dh.gsi.gov.uk'; '	@Wales.gsi.gov.uk';
	gy Development);
(Office of the state of the sta	se for henewable thergy beployment),
Subject: IOA GPG: actions from meeting	

ΑII

Please see the attached version of the GPG that went to the IOA Council for approval. Sorry for not forwarding this before the meeting. Please let me know if you have any urgent comments on this.

Here are the actions from this morning's meeting:

•	IOA to write to	DECC SoS before	publication,	asking DEC	C if it will w	elcome the GPG.
---	-----------------	-----------------	--------------	------------	----------------	-----------------

- to speak to Wales, NI and DH, to update them on the letter/GPG.
- to speak to about informing the Planning Inspectorate of the timing of the letter.
- to draft a reply from SoS, including paragraph on the role of the oversight group.
- prepare Q and A for launch of GPG.
- to ensure IOA and DECC websites have links to ETSU, GPG etc
- to consider seeking legal advice on reference to example planning condition.

Department of Energy and Climate Change

From: @pbworld.com]

Sent: 29 April 2013 20:43

To: (Office for Renewable Energy Deployment)

C		1000 t B 11
Cc:	No. 12 TO SHIP	(Office for Renewable Energy Deployment)

Subject: RE: IOA GPG Peer Review Request

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- 2. Discussion on Press Handling
- 3. Discussion on potential DECC launch meeting for the original invitees
- 4. Discussion on recent PQ's re Data release
- 5. Timelines for Supplementary Guidance Notes.
- 6. Need for non technical version?
- 7. AOB

Kind regards,

From: (Office for Renewable Energy Deployment)

Sent: 17 May 2013 17:41

To: (Office for Renewable Energy Deployment); (Office for Renewable Energy Deployment)
Subject: RE: URGENT 130513 response to PO07987- IOA Launch
Letter including the link.
From: (Office for Renewable Energy Deployment)
Sent: 17 May 2013 17:12
To: Confice for Renewable Energy Deployment); Confice for Renewable Energy Deployment)
Subject: RE: URGENT 130513 response to PO07987- IOA Launch
Info on consultation responses here. Also guide will be available on their website.
I am pleased to report that following a 12-week consultation (which can be seen at http://www.ioa.org.uk/about-us/news-article.asp?id=260, and the responses at http://www.ioa.org.uk/about-us/news-article.asp?id=264), two peer reviews, and approval from the IOA Council today, the Good Practice Guide will be launched on 21st May 2013.

@pbworld.com]

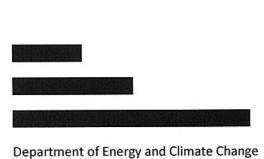
From:

Sent: 20 May 2013 15:03
To: (Office for Renewable Energy Deployment)
Cc: ioa.org.uk
Subject: RE: Lertter from DECC to the IOA on GPG
Thanks ,
Can I take that as the final version / confirmation?
Regards,
Principal-in-Charge, Acoustics, Noise & Vibration Team, Environment.
Original Message
From: (Office for Renewable Energy Deployment) [mailto: @decc.gsi.gov.uk]
Sent: Mon 20/05/2013 14:15
To:
@dh.gsi.gov.uk; @Wales.gsi.gov.uk; @scotland.gsi.gov.uk;
@doeni.gov.uk; (Energy Development); (ESH -
Planning); (Office for Renewable Energy Deployment)

Subject: RE: Lertter from DECC to the IOA on GPG

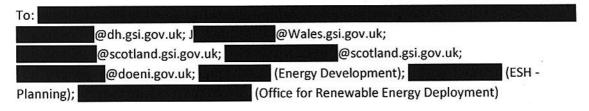
All

Please see the attached letter from DECC's Secretary of State to the IOA. This will be sent later today.



From: (Office for Renewable Energy Deployment)

Sent: 17 May 2013 18:57



Subject: RE: IOA GPG: lines to take/ Q and A

All

I attach some lines to take and Q and A for the publication of the good practice guide. Thank you all for your involvement in the Government oversight group for this project.

Department of Energy and Climate Change

Department of Energy and Climate Change

From: @pbworld.com]

Sent: 16 May 2013 11:05

To:

@dh.gsi.gov.uk;
@scotland.gsi.gov.uk;
@doeni.gov.uk;
@doeni.gov.uk;

(Energy Development);

(Office for Renewable Energy Deployment);

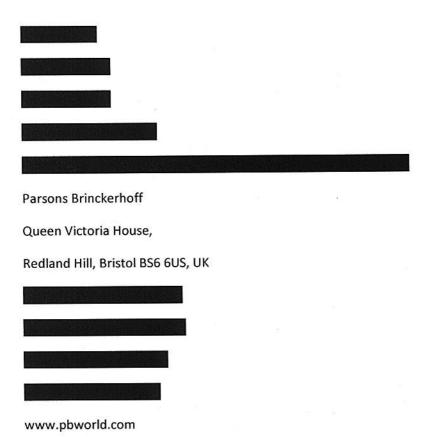
(ESH - Planning);

Subject: RE: IOA GPG: actions from meeting

Hi all,

Please see attached the final GPG. This will be published on the IOA website on Monday 20th May, and officially launched at a one day meeting in Bristol on Tuesday 21st May.

Thank you all for your helpful support during the production of this document.



From: @pbworld.com]

Sent: 29 April 2013 20:43

To: (Office for Renewable Energy Deployment)

Cc: (Office for Renewable Energy Deployment)
Subject: RE: IOA GPG Peer Review Request
Hi la
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4. Discussion on recent PQ's re Data release
5. Timelines for Supplementary Guidance Notes.
6. Need for non technical version?
7. AOB
Kind regards,
From: @RenewableUK.com]
Sent: 14 May 2013 13:32
To: (Office for Renewable Energy Deployment)
Cc: (Office for Renewable Energy Deployment); (Office for Renewable Energy Deployment)

Subject: RE: IoA good practice guidance	
NAME OF THE PARTY	
Hi and the second secon	
Thanks for your email. Sadly I missed this on Friday and was ill yesterday. Please can yo	ou or
call me when you get this?	
Thanks,	
	想
RenewableUK	
From: @pbworld.com]	
Sent: 10 May 2013 12:12	
To: Control (Office for Renewable Energy Deployment)	
Subject: IOA Letter to SoS re GPG 100513 v1	
Hi Market	
Draft letter attached as discussed.	
Regards,	

From: @scotland.gsi.gov.uk [mailto: @scotland.gsi.gov.uk]
Sent: 16 May 2013 10:45
To: @defra.gsi.gov.uk@@pbworld.com; (Office for Renewable Energy Deployment); @communities.gsi.gov.uk
Cc: @communities.gsi.gov.uk; (Energy Development); @defra.gsi.gov.uk
Subject: RE: Q and A Good Practice Guide on assessment of wind turbine noise
could you also check the proposed title of the GPG:
A GOOD PRACTICE GUIDE TO THE APPLICATION OF ETSU-R-97 FOR WIND TURBINE NOISE ASSESSMENT
in relation to the title of ETSU-R-97
THE ASSESSMENT AND RATING OF NOISE FROM WIND FARMS
It may be important we distinguish between wind turbines as against wind farms (2 or more turbines in EIA parlance) or at least be clear which title we and IOA are happy is chosen for the GPG.
From: (Office for Renewable Energy Deployment)
Sent: 20 June 2013 16:03
To: @pbworld.com)
Subject: : IOA GPG Endorsement letters

Please see response from Scotland and note email addresses for other contacts (haven't heard anything back from Scotland or Northern Ireland) so you may want to follow up my email.

Let me know if you need me to do anything else.

From: (ESH - Planning) [mailto:	@Wales.GSI.Gov.UKJ
Sent: 19 June 2013 14:59	
To: (Office for Renewable Energy Deploym	nent)
Subject: RE: IOA GPG Endorsement letters	
I do not think we will be putting the letter on our webs providing a direct link to the the IOA website	site. We will explore the possibility of
regards	
Welsh Government/Llywodraeth Cymru	
Cathays Park, Cardiff/ Parc Cathays, Caerdydd	
CF10 3NQ	
@Wales.gsi.gov.uk	

From: (Office for Renewable Energy De	ployment) [mailto:	@decc.gsi.gov.uk]
Sent: 19 June 2013 14:29		
To: @doeni.gov.uk; Planning)	@scotland.gsi.gov.uk;	(ESH -
Subject: RE: IOA GPG Endorsement letters		
All		
The IOA would like to issue a press notice referring to guidance. Are these letters on your websites so they	o the endorsement letters f can provide a link?	or the good practice
- Do you expect your Minister to issue an en	dorsement letter?	
Thanks		
Department of Energy and Climate Change		

From: (Office for Renewable Energy Deployment)

Sent: 04 June 2013 09:44

To:@ Planning) (odoeni.gov.uk; @Wales.GSI.Gov.UK	A MATERIAL STREET OF STREET STREET	l.gsi.gov.uk;	(ESH -
Subject: IOA GPG End	dorsement letters			
All				
on assessing wind tu	ve now issued letters from rbine noise. Can I please c nt for the IOA to do so too	heck if you will be p	ut the IOA's Good p oublishing these on	ractice Guide your websites
				70.000 PM-000-000-000-000-000-000-000-000-000-0
- I assume y	ou'd rather wait until your	Minister issues a f	ull response before	publishing?
Thanks				
Haliks				
	G .			
				2
Department of Engl	rgy and Climate Change			
	gy and climate change			
12	100 000 10 00000 10 000 10 000 10 000 10 000 10 000 10 000 10 000 10 000 10 000			
From:	[mailto @pbw	orld.com]		

Subject: RE: Endorsement letters

To: (Office for Renewable Energy Deployment)

Sent: 04 June 2013 08:00

We have received letters now from all four departments, but the one from NI is a holding response.

Have you found out if the other responses will be published on the DA's websites? If not, the IOA will publish them.

Regards,

From: (Office for Renewable Energy Deployment)

Sent: 17 May 2013 18:57

To:

@dh.gsi.gov.uk; J @Wales.gsi.gov.uk;

@scotland.gsi.gov.uk; @scotland.gsi.gov.uk;

@doeni.gov.uk; (Energy Development); (ESH Planning); (Office for Renewable Energy Deployment)

Subject: RE: IOA GPG: lines to take/ Q and A

All

I attach some lines to take and Q and A for the publication of the good practice guide. Thank you all for your involvement in the Government oversight group for this project.

Department of Energy and Climate Change

Attachment for the above e-mail

<u>Lines to take and Q and A for the publication of Good Practice Guide on the implementation of ETSU-R-97 Guidelines on The Assessment and Rating of Noise From Wind Farms</u>

Lines to take

- Wind turbines do make noise, but it is important to put this in context. The indicative maximum noise level of a wind farm at 350m is in the region of 35-45 dB. This is a much lower level than is made by road traffic on a country road, for example.
- The good practice guidance will provide a valuable technical supplement to ETSU-R-97 (the method for assessing noise impacts from wind turbines), and in turn help to improve the consistency of its application in the consideration of wind farm projects.
- The guidance has been produced independently of Government by the Institute of Acoustics. They have drawn on the expertise of a range of represented members, including local authorities, acoustic consultancies, developers, and a range of other interested parties, to produce and peer review the guidance. The guidance has been subject to a 12 week public consultation last year.

Q and A

When is the guidance being published?

The IOA are publishing the Good Practice Guidance on Monday 20th May, with a launch event on Tuesday 21st May.

How is wind farm noise assessed?

Noise impacts are considered within the planning process before any decision is taken whether or not to grant consent to a project.

The method of assessing the noise impact of a wind farm is described in 'The assessment and rating of noise from wind farms', ETSU-R-97, by the Working Group on Noise from Wind Turbines (Final Report, September 1996) for the Department of Trade and Industry.

The method requires the likely impact of noise from wind turbines on local residents and those working in the vicinity to be considered in relation to the existing background noise levels taking into account the characteristics of particular locations.

How noisy are wind farms?

Wind turbines do make noise, but it is worth putting this in context. The indicative maximum noise level of a wind farm at 350m (1150ft) is in the region of 35-45 dB. This is a much lower level than is made by road traffic on a country road, for example. A car travelling at 40mph at a distance of 100m (330ft) will create around 55 dB.

Why did DECC asked the IOA to carry out this work?

ETSU-R-97 describes a framework for the measurement of wind farm noise. In response to concerns about the current appropriateness of some of the measurement methods set out in ETSU-R-97, DECC commissioned acoustic experts at Hayes McKenzie to review the measurement and prediction aspects used to determine noise impacts as part of the planning application process. Their report was published in June 2011 and found that good practice guidance was needed to update, confirm, and where necessary clarify the way the measurement and prediction aspects in ETSU-R-97 should be implemented in practice.

Following this recommendation, DECC asked the IOA to develop good practice guidance.

What is the aim of the work?

The aim of the good practice guide is to reflect what is currently considered to be good practice on technical matters relating to the application of ETSU-R-97, particularly where this has developed or evolved since the latter's publication. It does not debate or discuss the noise limits set out in ETSU-R-97.

Why isn't DECC carrying out a more fundamental review of ETSU-R-97 (and a tightening of the actual noise limits)

Consideration of noise limits was not within the scope of the IOA work. Government is content that the noise limits in ETSU-R-97 are appropriate and drawing from the conclusions of Hayes Mackenzie report is clear that ETSU-R-97 remains fit for purpose. Consequently the scope of the good practice guidance covers the measurement and prediction aspects of ETSU-R-97 which is where the Hayes McKenzie review found that improvements could be made.

We believe that the good practice guidance will provide a valuable technical supplement to ETSU-R-97, and in turn help to improve the consistency of its application in the consideration of wind farm projects

Who funded the work?

This work was jointly funded by DECC and the IOA.

Government has actually written this guide to protect its interests. What was Government's role in this?

Government's role in the production of the guidance was to oversee timescales, and that the project delivered value for money, but not to influence the content.

When will this guidance come into force?

This will be available to use from its date of publication.

Will Government endorse the guide?

DECC is currently considering a letter that it has received from the IOA asking DECC to accept and confirm our Good Practice Guide as representing the latest industry good practice and we will be responding shortly.

How will the guidance be enforced?

The guidance itself is not enforceable, but we expect that it will be used to establish whether the noise levels from the operation of particular wind turbines are within acceptable levels and whether the noise from proposed wind turbines would be acceptable. It will also influence the conditions which are imposed in relation to noise when planning permission or development consent is granted for a wind farm. These are enforceable by local planning authorities under planning law. They typically specify the noise levels that must not be exceeded at specific points. The guidance will help in the selection of appropriate levels and monitoring points.

Is this guide really independent? Aren't the IOA biased towards the onshore wind industry?

The IOA is the professional organisation for those working in the field of acoustics. Its members are to be found in the private and public sector and its consultants work for both the promoters of schemes, local planning authorities and others. As such, the Government is satisfied that they are extremely well placed to produce this good practice guidance.

They have drawn on the expertise of a range of their members, representing local authorities (planners and environmental health officers), acoustic consultancies, developers and a range of other interested parties to produce and peer review the guidance.

We believe that a very good balance of input has been achieved. Furthermore, a brief was agreed between Government and the IOA that specifically separated out those elements which were of a technical nature for the IOA to address, and policy elements, which are a matter for Government. Government's role in the process was merely to oversee timescales and that the project delivered value for money. The Government did not influence the content of the guidance.

We are confident that the good practice guidance, when published will provide a valuable technical supplement to ETSU-R-97, and in turn help to improve the consistency of its application in the consideration of wind farm projects.
Will the IOA be publishing the evidence behind the guide?
Where the guidance draws on published evidence, a full reference has been provided to the source material.
When will the guide be updated or reviewed?
Since the document represents a snapshot of current good practice as of May 2013, IOA Council will keep the document under regular review, and will consider an update when a significant change has occurred.
Why hasn't the final version of the guidance been subject to consultation?
The final version has not changed substantially in technical content from the material contained in the consultation documents, therefore no further consultation was considered necessary. The document will be kept under regular review, and updated when a significant change has occurred.
Why isn't DECC holding a public launch?
As this is independent guidance published by the IOA, it would not be appropriate for DECC to hold a launch.
What is the legal weight of the guidance?

Government policy on assessing the impacts of proposed onshore wind farm developments is set out in the National Policy Statement for Renewable Energy Infrastructure, NPS EN-3. Paragraphs 2.7.55 and 2.7.56 of NPS EN-3 refer to ETSU-R-97 and state that developers should use it, while taking account of the latest industry good practice, including any guidance on good practice published from time to time by Government. Further, footnotes to 32 and 34 to these paragraphs state:

"32 All references to ETSU-R-97 in this section should be taken to include any successor or supplementary guidance to it endorsed by the Government.

34 In July 2010, DECC commissioned an analysis of the application of ETSU-R-97 by LPAs and developers from Hayes McKenzie. Their peer-reviewed report on this analysis was published in [June] 2011. It concluded that the methodology in ETSU-R-97 was inconsistently applied and recommended better guidance on best practice for developers and planning authorities. Government is working with industry to draft better guidance."

Why don't windfarms have to comply with BS4142 and WHO limits?

Regarding BS 4142, the original ETSU-R-97 report examined closely the extent to which BS 4142 might be used in connection with windfarms. Whilst drawing on some of the principles of BS 4142 in its conclusion, the authors of ETSU-R-97 clearly felt that relying solely on BS 4142 would not be appropriate. The Government sees no reason to disagree with that view. The World Health Organisation documents do not define noise limits. Instead they provide information on the effects of noise that might be expected to occur at various noise exposures.

Why doesn't the guide deal with the issue of amplitude modulation (AM)?

There is currently no consensus in the understanding of AM, and its effects, at this point in time. This is an issue the Government will be keeping under review.

Does Government accept AM exists?

Several studies have considered the noise phenomenon known as amplitude modulation (AM). A 2007 Government-backed study carried out by the University of Salford found that the incidence of AM resulting from wind farms in the UK is low.

In addition the US Massachusetts Departments of Environmental Protection and Public Health recently commissioned an independent panel of medical and engineering experts to review existing research in this area, including the reports published by Dr Pierpont and Professor Salt. Their report was published on 12 January 2012 and found no evidence that wind turbines can directly cause the set of physical and psychological symptoms referred to as wind turbine syndrome.

We are keen to keep this issue under review however, and therefore welcome the fact that Renewable UK have commissioned further work into AM, including on methods for predicting, rating and assessing it.

Can AM be predicted?

As there is currently no consensus in the understanding of AM and we are keen to keep this issue under review however, and therefore welcome the fact that Renewable UK have commissioned further work into AM, including on methods for predicting, rating and assessing it.

What has happened to R-UK's research on AM?

If pressed: This is a complex area and we are aware that R-UK is collecting data on this. DECC will support R-UK to compile an evidence base on the phenomenon of AM.

Why does the IOA work not consider the health implications of wind turbines?

This issue is outside the remit of the IOA. It is the Government's view that wind farms developed in accordance with the ETSU-R-97 guidance do not have a direct effect on public health.

Can wind farms have an effect on people's health?

It is the Government's view that wind farms that are developed in accordance with Government noise guidelines do not have a direct effect on public health. A number of independent peer reviewed research studies commissioned by DECC's predecessors at DTI and BERR, and by Defra, have looked at the impacts of noise from wind farms and concluded that there is no evidence of health effects arising from infrasound or low frequency noise generated by wind turbines.

Why does the Government not address the impact of wind farms on house prices?

The evidence of the impact on property prices of the presence of a windfarm is mixed. Studies by the Royal Institute of Chartered Surveyors and Oxford Brookes University (2007,)the Berkeley National Laboratory (2009) and the UK Centre for Sustainable Energy (2011) found no conclusive evidence that house prices have been affected by wind farm development.

From: (C	Office for Renewable Energ	y Deployment)
Sent: 17 May 2013 1	8:51	
To:	(DECC)	
(DECC Private Office (Office for Renewabl	mmunications); Group); (Office for Energy Deployment); (for Renewable Energy Dep	(DECC Private Office Group); or Renewable Energy Deployment); (Office for Renewable Energy Deployment)

Subject: Lines to take and Q and A for the publication of the IOA's good pratice guidance on wind turbine noise

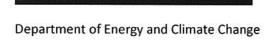
The Institute of Acoustics (IOA) will publish good practice guidance on assessing wind turbine noise on Monday (20th), with a launch event on Tuesday. The good practice guidance has been jointly funded by DECC and the IOA, and has been produced independently of Government. The guidance is of a technical nature, and as agreed in the terms of reference does not discuss the target noise levels

set out in ETSU-R-97, nor comment on the underlying policy. It is independent good practice guidance to clarify how to implement ETSU-R-97, which is the existing guidance on wind turbine noise assessments.

As discussed here are the Q and A/ lines to take in case there is any media interest. From: (Office for Renewable Energy Deployment) Sent: 24 May 2013 11:49 @scotland.gsi.gov.uk Subject: Letter to the IOA I wondered if your Minister has written to the IOA yet about the Good Practice Guidance? I don't seem to have your number but maybe you could give me a call? Thanks

Department of Energy and Climate Change

From: (Office for Renewable Energy Deployment)
Sent: 04 June 2013 09:44
To:@doeni.gov.uk;@scotland.gsi.gov.uk;(ESH Planning) (
Subject: IOA GPG Endorsement letters
All
I understand you have now issued letters from your Minister about the IOA's Good practice Guide on assessing wind turbine noise. Can I please check if you will be publishing these on your websites and if you are content for the IOA to do so too?
I assume you'd rather wait until your Minister issues a full response before publishing?
Thanks



From: (ESH - Planning) [mailto: @Wales.GSI.Gov.UK]

Sent: 19 June 2013 14:59

To: (Office for Renewable Energy Deployment)

Subject: RE: IOA GPG Endorsement letters

I do not think we will be putting the letter on our website. We will explore the possibility of providing a direct link to the IOA website

regards

Welsh Government/ Llywodraeth Cymru
Cathays Park, Cardiff/ Parc Cathays, Caerdydd
CF10 3NQ

@Wales.gsi.gov.uk

From: (Office for Renewable Energy Deployment) [mailto:	@decc.gsi.gov.uk]
Sent: 19 June 2013 14:29	
To: @doeni.gov.uk; @scotland.gsi.gov.uk; Planning)	ESH -
Subject: RE: IOA GPG Endorsement letters	
All	
The IOA would like to issue a press notice referring to the endorsement letters for t guidance. Are these letters on your websites so they can provide a link?	the good practice
Do you expect your Minister to issue an endorsement letter?	
Thanks	
Department of Energy and Climate Change	
	50 all

Office for Renewable Energy Deployment)

Sent: 04 June 20	013 09:44			
To: Planning) (@doeni.gov.uk; @Wales.GSI.Go		land.gsi.gov.uk	(ESH -
Subject: IOA GP	G Endorsement letters			
All	* *			
on assessing wir	u have now issued letters nd turbine noise. Can I plea ontent for the IOA to do so	ase check if you will		
l assume yo	u'd rather wait until your	Minister issues a full	response before	publishing?
Thanks				
-				
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Daniel de la faction de la fac	Francisco de Climata Chana			
Department of	Energy and Climate Chang	ge		