

PRESS RELEASE

A Seminar on Wind Turbine Noise

"Bigger is Better & Scotland's stepping stone to the future"

According to the wind energy industry¹ **"Bigger is Better"**, because bigger turbines will generate more electricity and compensate financially for the recent reduction in government subsidies.

There are around 3000 wind turbines across Scotland. Inadequate government control of the distances between turbines and homes has already allowed developers to unintentionally degrade the health of many victims, and even drive families out of their homes. There is also clear scientific evidence that even bigger turbines will increase their existing sound power emissions, along with the accompanying infrasound and potential adverse health impacts on those affected. By way of example, the two very large 'test' turbines erected by Scottish and Southern Electricity at Hunterston in North Ayrshire have grossly affected the health of people living on the Isle of Cumbrae and in Fairlie, up to 3 km from the turbines. 17 people including 2 children, all complain of similar symptoms. Their GPs can do nothing to help them as their 'condition' is not recognised by public health.

Similar symptoms such as loss of balance, nausea, loss of coordination, a pressure in the ear, thumping in the head or chest, urinary and bowel incontinence, epistaxis (high volume nosebleeds) are already being reported from people living in close proximity to turbines and windfarms in other areas of Scotland, UK and elsewhere in the world. Common to all "sufferers" is that the symptoms recede when they move away from the turbines. It is believed that these symptoms are caused by the infrasound emission, which is very low frequency sound.

So, the real problem with wind turbine noise is not audible noise; it is the infrasound emission, and as yet there are neither standards nor planning guidance to deal with it.

This is already a public health catastrophe, which cannot be merely attributed to victims "disliking turbines" or any other pseudo-psychological reasons, or "non-acoustic factors", as often proposed by the wind energy industry to explain reported adverse health symptoms.

The speakers at the Glasgow Seminar are Professor Mariana Alves Pereria and Dr John Yelland, both acknowledged experts in this highly specialised field of science, which up to now has been largely ignored, to the cost of an ever-increasing number wind farm noise victims.

The Seminar will be of interest to: Anyone Living Close to Turbines, Wind Energy Developers, Public Health Protection Officials, Environmental Health Officers, General Practitioners, Councillors and Council Officers, Members of the Scottish and Westminster Parliaments, and indeed anyone seeking to understand the truth about wind turbine noise.

Further information and registration details are at:

<https://www.eventbrite.co.uk/e/a-seminar-on-wind-turbine-noise-tickets-37006124314>

Venue: Radisson Blu Hotel, 301 Argyle St, Glasgow.

Friday 22nd September 2017 at 7.00 pm.

CONTACT: Susan Crosthwaite email: susanmcoss@gmail.com Tel: 01465 831363

¹ Renewable Energy News page 14 issue 366, 13/08/2017 "Scotland's stepping stone to the future"

Notes for editors:

1. This seminar on wind turbine noise is to raise awareness and disseminate current, sound independent research so that those affected are taken seriously and wind turbine noise guidance is changed for the better, for all concerned. For more details: <http://www.windsofjustice.org.uk/2017/09/a-seminar-on-wind-turbine-noise/>
2. Bigger is Better - according to the wind energy industry: Renewable Energy News page 14 issue 366, 13/08/2017 "Scotland's stepping stone to the future". EDF Energy Renewables is proposing to make a new application for its consented Stranoch wind farm site in Dumfries and Galloway between New Luce and Barrhill. The company was awarded planning consent for a 72MW wind farm in 2016 but it is planning on making a new Section 36 application for 'more efficient' turbines 175metres (blade to tip) with 3-4MW power output turbines.
3. Symptoms are caused by turbine infrasound emissions, which are pulsating changes in air pressure at rates of around one pulse per second. They cannot be heard, except by some as a clicking in the ear, but can be perceived through the symptoms already described. Turbine infrasound is well below 20Hz and therefore inaudible.
4. Current Government guidance does not define a fixed limit to turbine noise levels at local homes; instead, in simplified terms, turbine noise at any home must not raise the noise level there by more than 5 dB above the background noise measured there without turbines. So, the real problem with wind turbine noise is not audible noise; it is the infrasound emission, and as yet there are neither standards nor planning guidance relevant to wind turbine infrasound, or even low frequency audible sound. (or indeed any turbine acoustic emissions below 45 Hz) Neither is there any approved guidance on what the wind industry call "excessive amplitude modulation" (EAM) from wind turbines, which, in reality, is slightly more audible noise than usual, combined with a much higher level of infrasound than usual.
5. There are already residents in Scotland who have abandoned their homes, solely due to wind turbine noise both audible and inaudible, there are also other residents who are being severely affected, this issue needs positive and proactive responses and the seminar is an open invitation for all those who need to be informed. There will be a Q/A session at the end.
6. Email trail between Denise Dunn a local resident at Fairlie complaining of adverse health impacts to North Ayrshire Council on Wednesday 6th September; and responses highlighting the reality occurring immediately & every time the Hunterston wind turbine is operational (copied to NHS Ayrshire and Arran, Local MSPs, MPs and District Councillors and Melvin Grosvenor). This email began at 12.37 on Wednesday 6th September and like all email trails begins at the end and works backwards with the final email from David Telford at 21.39:

Sent: 06 September 2017 21:39 David Telford replied

To: Denise Dunn

Subject: Re: Noise Hunterston Turbine - Denise Dunn Complaint..

Denise,

I feel desperately sorry for the dreadful predicament you have been put in - but it is simply not the case that nobody knew there were health issues associated with wind turbines. An eminent American physicist, Dr. Neil Kelley, undertook extensive published research for NASA in 1987 on the dangers to human health of wind turbine generated infrasound. For twenty-five years thereafter there were numerous scientists and doctors all expressing the same, well documented fears. This was pointed out by Fairlie Community Council to NAC at the time of the original planning application by SSE. Needless to say all of FCC's objections at that time were dismissed out of hand by NAC's Planning and Environmental Health Officers. Unfortunately, our elected councillors on the Planning Committee opted to listen to the civil servants rather than the scientists.

Please take care and stay well,

David Telford

Sent from my iPad

On 6 Sep 2017, at 20:41, Denise Dunn wrote to circulation list:

Not one resident, not one environmental health officer, not one local doctor and not one person from the NHS knew that there would be health issues related to wind turbines!

We were unaware of this each and every one of us!

No one understands what it is like to be a healthy human being one minute then have that taken away from you the very minute these powerful offshore wind turbines are switched on! This is something I have no control over!

There is no other comparison in this area!

These are powerful offshore wind turbines located onshore for crying out loud !

No one can be that ignorant that healthy people are complaining, maybe if you yourselves suffered the impact of this or a close family member, maybe, just maybe, you would wake up and deal with it

Just saying !

Denise Dunn

Sent from my iPhone

On 6 Sep 2017, at 20:31, David Telford Fairlie Community Councillor wrote:

All,

It may be worth repeating here the statement made at the Fairlie Community Council meeting on Monday night (4th September 2017) which I sincerely trust will be minuted. It is not difficult to understand NAC's reluctance to include 'danger to health' as one of the formal reasons attributed to the Planning Committee's decision to refuse (as an 'opinion') SSE's application for a two year extension. Had they done so then NAC's Environmental Health Department would have had no alternative but to immediately close down the wind turbine test site on health and safety

grounds. Similarly, they would then be looking straight down the barrels of a multi-million pound, class action law suit for ever having consented the test facility in the first place.

David Telford Fairlie Community Councillor.

Sent from my iPad

On 6 Sep 2017, at 15:59, Melvin Grosvenor wrote:

Response to email sent by Denise Dunn to North Ayrshire Council, HNS Ayrshire Arran, Local MSP's MP's, District Councillors & Fairlie Community Councillors.

Dear All,

Following on from this truly distressing email plea from Denise Dunn, we would urge you to attend the Wind Turbine Noise Seminar arranged at the Glasgow Raddison Blu Hotel on Friday 22nd September 2017.

Denise is not making these symptoms up, she is really suffering; Dr John Yelland and Professor Mariana Alves Pereira are expert scientists in this specialist field of acoustics, it is really important for the sake of Denise and the increasing number of local residents that you are better informed, as to the nature and causes of infrasound emissions from wind turbines, along with the ensuing adverse health impacts, experienced by affected residents.

Thank you in anticipation,

Melvin Grosvenor.

Independent Noise Working Group.

<https://www.eventbrite.co.uk/e/a-seminar-on-wind-turbine-noise-tickets-37006124314>

A Seminar on 'Wind Turbine Noise' - eventbrite.co.uk

www.eventbrite.co.uk

Eventbrite - Melvin Grosvenor/Dr.John Yelland/ Professor Mariana Alves-Pereira presents A Seminar on 'Wind Turbine Noise' - Friday, 22 September 2017 at Radisson Blu ...

From: Denise Dunn

Sent: 06 September 2017 15:33

To: Noise Complaint sent to North Ayrshire Council plus circulation list.

Surely to god NAC has the authority to stop this turbine from operating

It has been on all day and I am very ill!

This is horrendous to be so ill when my normal day is being healthy

I have no control over my symptoms surely environmental health should be interested in people's health no matter what the cause!

Please authorize the stoppage of this abuse to my health as soon as possible.

Denise

On 6 Sep 2017, at 12:37, Denise Dunn [REDACTED] > wrote:

Dear [REDACTED]

Once again I wish to bring to your attention the 'noise' coming from the Mitsubishi offshore wind turbine situated at Hunterston.

There is an extremely loud noise today , yesterday and at the weekend there.

To date there is 17 people affected by this offshore wind turbine!

My concerns are no one is available to take complaints at the weekend as your offices are closed and no one is available ! Can this be remedied ?

I am sure you will get the readings you require from the car park or even the railway station in Fairlie!

Please note I wish this email to be logged as an official complaint with regards to the loud noise coming from the Mitsubishi offshore wind turbine .

If you have the equipment to monitor low frequency infrasound from 10 to 0.1 then I will more than welcome a visit from You in my home.

My address is

Fairlie House

Main Road

Fairlie

KA290DL

Contact number [REDACTED]

I will not be at home today as I am seeking refuge from the ill effects I suffer due to the low frequency infrasound , but I am sure you will find the correct location to measure the sound .

Get back to me if you have the low frequency infrasound equipment and we will take it from there !

Kind Regards Denise Dunn

Sent from my iPhone