

Thursday, 15 December 2011

RE:- WIND FARMS IN THE BAROSSA, MID-MURRAY EASTERN MT LOFTY RANGES

This is a copy of the letter I sent to the Editor of the Leader Newspaper (our local paper) a few weeks ago. There is a very serious problem developing everywhere these wind turbines are being placed, and are proposed to be placed, and I would very much like to know your position in regard to wind farms in South Australia.

The majority of people living in this area chose a lifestyle to get away from this sort of Industrialisation and are feeling, distressed, depressed and deeply concerned that their lifestyles will be heavily impacted by this proposal by Pacific Hydro and there has already been evidence that property prices are plummeting.

To the Editor

In regard to the proposed "Wind Farm" for the Barossa's Eastern Ranges one must take every possible fact into account, not just the soft, feel good, "green" sell coming from the wind farm and power companies.

These companies have the money to convince people that they are a good thing. When we dig deeper we find that historically the efficiency of these so called wind farms is in question, re: bang for buck, and that the division they cause in local communities is greatly underestimated.

People need to make informed decisions. But I guess that's pretty hard when you are a farmer out there in the ranges and you are being offered \$10,000 per wind tower per year, and may have 10 or more towers on your property. If you were offered these staggering amounts of money for the rest of your life would you be able to say no?

I don't think so. Here lies the dilemma and the source of the community division. It is anything but equitable for one landowner to be offered a veritable wind fall while his neighbour gets nothing but the sight of these ugly towers, a blight on the landscape forever.

Most of the state's 33 per cent renewable energy by 2020 target is being driven by fast-tracked multi-million dollar wind farms in regional areas.

More wind power is generated here than any other Australian state or territory with 13 operational wind farms, and our recently retires Premier Mike Rann also foreshadowed changes to the Pastoral Act to open up 400,000sq km of Crown Land for solar and wind farms. **Which may in all honesty be a better option.**

Keep them away from our communities!

As of December 2010, South Australia has thirteen operational wind farms, with an installed capacity of 1,018 MW. South Australia has half of the nation's installed wind capacity, despite only making up 8% of Australia's population. A further 184 MW of projects are under construction. It is estimated that wind power provided 14% of South Australia's energy demand in 2008/09.

However, in the recent heat wave in early February, SA wind farms supplied 49 MWh to the 3499 MWh required to sustain SA's citizens through the worst part of the day. That is less

than 1.5%. We spend squillions of dollars on something that makes no difference to our energy supply, and must be backed up by fossil-fuelled generators when they don't perform which is most of the time.

They are possibly the worst piece of public policy ever devised and there are no winners apart from the rent-seeking corporations that own them.

People are worried about the economic impact of such projects on existing set-ups. The Clare and Gilbert Valley Council is talking to Planning SA about securing its wine-making and tourism potential under landscape protection provisions included in the draft Mid North Regional Land Use Framework and our Barossa Council should be following suit. **Tourists from all over the world come to see our beautiful unspoiled countryside, not to look at Ugly Industrial Wind Towers which are inappropriately situated, simply for easy access to existing electricity towers.**

These towers may not be that effective at power generation but they raise the bottom line really nicely for those whose otherwise unproductive farms they adorn. It seems as if the greedy power companies are trying to be really green (even if in reality they generate more in tax incentives than they do electricity).

A New Scientist article a few years ago suggested that the figures quoted for these wind turbines simply don't add up. The real whole-of-life costs, both environmental and financial, exceed the gains. Unless and until this situation is rectified, these wind farms remain little more than a government feel-good (look-good) exercise at our expense. The truth is, and publicly available electricity industry records show, that wind generators are worthless when power demand is at its highest. On hot summer days they can only be counted on to produce less than 5% of their rated capacity.

Wind power is expensive and these companies are only spending money to build wind farms because of Mike Rann's idea that there must be a certain percentage of "renewable" energy. To cover the cost of these expensive ventures, electricity companies jack up the price of electricity for you and me. They even state this in their requests to the government to increase electricity prices. It gets better though, because each time a wind farm is built, the electricity grid needs to be modified to handle it and yep, that cost also gets passed on to you and me.

The cost is not just dollars. If you read carefully the people are saying the full cycle cost in terms of materials and energy consumption of manufacture, installation, maintenance and disposal is greater than they produce during their lifetime. That is, over their lifetime they do not produce power at all, they consume it. This is the legacy we are leaving our children, a net loss. If this is incorrect, why do NONE of the bodies involved produce detailed full cycle costs to refute it?

The rush to wind power in SA may be self-limiting, at least in the short term. Accessing the national grid is getting harder and the latest infrastructure report by Engineers Australia says congestion is already a problem. Networks in the Mid-North and South-East are already struggling to cope and – not unlike a traffic jam of electricity signals – the lines clog up when the wind blows.

Finally, with the introduction of Protection Zones for the Barossa Valley and McLaren Vale areas it is utterly baffling why wind farms have been just recently added by state legislation to be compliant on our beautiful Hills Face Zones. This is in direct opposition to what the whole Bill is about. Protecting our Hills Face Zones from Industrial complexes, which must obviously EXCLUDE wind farms. There can be nothing more detrimental to these precious areas than what is essentially an industrial complex of enormous proportions. Surely, it is an oxymoron to completely spoil our timeless landscapes to create 'GREEN ENERGY'.

The whole integrity of our Iconic and World Class Food and Wine Community is in very real danger of losing its Heritage value forever. Will we just become another wind farm area?

We must all fight to put a stop to these ugly monsters ruining our beautiful landscapes and tearing our communities apart once and for all.

Wind farms should be just that. **A farm, in a designated area, away from our communities, with a 10km exclusion zone.**

No more Community division.

No more Wind Farm Syndrome Health Issues.

No more ruination of our beautiful, timeless landscapes.

**C Connors
Angaston**

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7th February 2011

It is with great distress that we write to the Senate Inquiry regarding the noise levels at our property generated by Acciona's wind farm. We have resided at Quoin Hill for almost 28 years, after moving from Melbourne to start a life in the country with our young family. We have built up a small family business from scratch at great cost and with 'blood, sweat and tears'.

From the very beginning we were supportive of the Waubra Wind Farm, and were quite excited about the proposed benefits to Waubra and the local communities. When we were approached we made it quite clear that our only concern was noise. However, time and time again we were told that "there was no way that we would hear them", even after the preliminary noise tests were taken, we were advised that a proposed turbine some 400 mtrs away would only be 1dBA over the limit, and we would **still** not hear it. Since they have been commissioned this is a completely different story.

The closest turbine to our house is some 600metres away, (5 turbines located within 1km of our house, 13 turbines within 1.5 kms and 30 turbines within 2kms). The turbines on Big Hill (to the north of our house) also have an affect, which are within a 1.5km to 2km range.

The type of sound that we experience depends on the wind direction; it ranges from the 'doof doof' noise (sub woofer noise you hear when a party is going on down the street at night) to a constant 'jet rumble'. We can also hear the generator noise (like when a fridge fires up) and at times a 'whoosh' noise (like swinging a stick quickly through the air). These noises are not just for a minute or two, but can go on all night, not to mention the day.

On average we would say that we have interrupted sleep at least 3-4 nights a week, on some occasions up to 5 nights. As stated before, this has been since they have been commissioned. We have tried to escape from the continuous noise by relocating to 1 of the 4 bedrooms in the house, but only to be awakened by noise from other turbines. This continuous interruption to, and lack of sleep has had an enormous impact on our lives, our business and our future.

We met with Acciona in April 2010 to raise our concerns, only to be advised that the noise levels were compliant. We have been monitoring the noise levels with our own decibel monitor since March 2010 and have found the readings at times, to be far in

excess of the permit conditions. We have grave concerns about the accuracy and integrity of the monitoring carried out by Marshall Day and strongly urge an investigation of the entire process be carried out. We continue to monitor and have rung the Acciona complaints phone line on numerous occasions, with little or no response at all.

It has come to our attention, albeit years down the track, that our property title details have been listed on the planning permit (unknown to us at the time), hence suggesting that we are Stakeholders, and even though a request has been made in writing (15th Feb 2010) to have us removed, this has still not happened. We firmly believe now, that our property and house were central to the Waubra Wind Farm project and we have been misled from the beginning about the noise affect. We have since been advised by a neighbour (a stakeholder with turbines), that at the start of the project Wind Power stated, "Quoin Hill could have had a very negative impact on the project if not kept on side".

We had a meeting with the Pyrenees Shire Mayor, David Clark, in August 2010 to raise our concerns re the wind farm, and were advised that following the last Shire Revaluation all properties within the Waubra Wind Farm had decreased in value, which was confirmed on receipt of our last shire rate notice. A neighbour has also advised us that a shire employee recommended challenging the valuation, as they believe the actual valuation to be still lower.

We welcome a visit to our property to see the situation that we are in, first hand.

Yours sincerely
Stephen Coleman

STATEMENT – WAUBRA DISTRICT RESIDENTS, VICTORIA

(9 signatures at end of statement)

Received by Dr. C. Watts 14/12/2011

Introduction

Evansford is a tiny village - more a scatter of houses and farms, 10 kilometres to the North of Waubra. The 'Waubra Wind Farm' commenced full operation in June 2009. The 128 1.5 MW turbines each approximately 120 metres high, sprawls over 173 sq kilometres, extending to within 2 kilometres of Evansford. There are no shops, churches, hotels - not even a post box - in Evansford. There are no major roads and very little traffic. The closest 'villages' are all 10 - 15 kilometres away. It is a mix of remnant bush, state forest and farm land on a rolling landscape. Mount Beckworth, Mount Bolton and grand rocky outcrops including a spectacular granite ridge are all part of the district's distinctive features. There are two reservoirs, many farm dams and creeks. What had been noticeable was the lack of sound and visual pollution. Huge night skies, bright with stars, black as. Infinite silence. Most of us live here, because we have chosen a quieter lifestyle, a lifestyle more in tune with nature. Most of us grow our own vegetables and fruit, and engage in sustainable living practices. We did not originally object to the Waubra Wind Farm. We are not opposed to renewable energy.

We all live in, or within close proximity to, the Waubra Wind Farm. The closest turbines to our homes and workplaces range from approximately 1 kilometre to over three. Although one neighbour who is also affected has a turbine 53 metres from their boundary fence, whilst others have turbines under a kilometre from their homes and workplaces. We have experienced what it is to live with a windfarm for over two and half years now, and it is all aspects of this experience that we relate, albeit in an abridged version, in the following. We submit this because we do not want other people to experience what we have and are experiencing.

Some background

For many who live within the wind farm, and have turbines on several sides of their homes and workplaces, most wind directions subject them to what some have said is closer to a 'living hell'. For some people, living and working within a kilometre or so, they hear not only the aerodynamic noise, but the pulse of the whoosh, whoosh, and the creaking and grinding of the mechanics. So loud and sudden they say it startles them. For those of us a few

kilometres away, when the wind and weather conditions align, we now have a busy freeway or the roar of a constantly taking off jet and/or a low pulsing to live with. There are people who live over 5 kilometres away and hear or feel the noise from the turbines. They say it wakes them at night. Our next door neighbour, some days in his back paddock, 5 k's from the nearest turbines, receives what feels like the accumulated roar of 128 turbines. The noise does not depend only on distance, but the local terrain, with its valleys and hills, creates tunnels for wind and sound to be amplified and carried. You can walk around a property, or the district and in some places you can hear and feel the turbines very clearly and in others not at all.

Although it's not only 'noise' and how loud it is to the ear that is the problem. Indeed most of us would say that it is more about what you feel, perceive, in your body. It is about the vibration, which of course is a wave, a continuum of sound as a wave. So throughout this document I will talk of 'noise', in the entire sound spectrum, not only as what is audible to the ear but also as what is felt.

What also must be noted is that wind developers consistently state that the sound of the wind farm will be masked by the sound of wind in the vegetation. This is not true. Often there is wind at the height of the turbines but it is still at ground level. There are no rustling leaves to mask the sound of the turbines then! Other times you still can hear the distinctive sound of the turbines through the sound of wind in trees. And of course you can feel the pressure in your ears, head, chest cavity, at least, if not also experiencing any number of other physical effects. Other times you do not hear them at all, but that also depends on where you live.

Adverse Health Events

The following is an extract from a letter emailed to the Victorian Department of Health, tabled at a Wind Turbine and Health Forum on October 21, 2011:

People are continuing to experience health problems, some are the same, some changed, others intensified. Many of the people have been experiencing these problems for well over two years. Some of the health problems that people note, (not all are experienced exactly by everyone, and not everyone experiences all of them) since they first experienced them in 2009, are:

- *sleep deprivation, and all the attendant problems of not having sufficient refreshing sleep, especially after over two years.*

- *head pressure and more frequent headaches and often for greater duration.*
- *'yo-yo' blood pressure - very difficult to manage on medication.*
- *tachycardia*
- *ear pressure and earaches*
- *tinnitus. For some it is now constant. It can be a humming that can intensify to a low thunder or roar, or buzzing or high pitched ringing. This does vary.*
- *experiencing greater difficulty in discerning words in conversations where there is more than one conversation in a room;*
- *It has been noted that some people are speaking very loudly, without any awareness that the volume has been ramped up, or without any need for the volume to be increased. Family members have to ask them to speak more quietly.*
- *Many people have also noted that they have become very sensitive to sounds which they had not previously been aware of, such as: the refrigerator; air conditioning, heating units, low industrial hum. These sounds not only provide greater annoyance but also trigger on occasion quite intense physical responses.*
- *emotional fragility, volatility*
- *depression*
- *cognitive dysfunction, inability to think clearly, articulate, find words, complete sentences, etc. The ability to plan, organise and multitask has diminished. This is noted by people who have been doing this successfully all their lives and their livelihoods are partially dependent on their continuing ability to do so.*

In some further discussions, people have also observed an increase in occurrence of sinusitis, of catching colds and viruses, of gastrointestinal episodes. People have also noted aching joints and legs. All of the noted symptoms did not commence at the same time, but have gradually accreted.

One of the most serious problems is the level of exhaustion that people are operating with. Many are farmers who have to operate machinery. We all drive cars and have to work. Our capacity to think clearly, react appropriately, to work safely, has been severely impaired. Yes, we all know that we are not functioning with peak awareness and we have adapted our behaviour to accommodate this on a daily basis. However accommodating this behaviour is there is little leeway for the unforeseen, emergency or error. We have all had to adapt so

many aspects of the way we work, the way we live, to accommodate for the impacts on our health and well-being.

It continues to be noted by people that when they spend time away from the area their general health, sense of well being, mood, and behaviour, is very different to when they are at home and the turbines are operating. They do not experience the same symptoms and generally feel much healthier and happier. This was noted right from the beginning - that the symptoms occur when at home and the turbines operating but not when away from the area or when the turbines were not operating. The main difference now is that for some people some of the effects do not diminish immediately when they are not in the area. Although the longer they are away from the area, gradually the adverse health problems diminish. There is no doubt as we continue to live with the Waubra Wind Farm that we are concerned regarding the accumulative and long term effect of exposure.

The proliferation of untested hypotheses regarding the cause or motivation of people's ill health.

There are far too many assumptions about, and very little primary research into, affected people's reporting of adverse health from wind farms. These assumptions, opinions or untested hypothesis are proliferated by 'experts' who have not undertaken primary research. *These 'Experts' have suggested that the adverse health effects people are experiencing are because they: are psychosomatic; hypochondriacs; feel disempowered, jealous, anxious and fearful about new technologies; are opposed to windfarms and are angry, annoyed and stressed; or the fear and negative publicity, makes them sick; are NIMBY's; are wanting compensation.* (Attached: From Senate Inquiry submission berni janssen) All of these hypotheses can be challenged rationally and simply, (see attached Senate Inquiry Submission berni janssen) and if primary research was undertaken with appropriate psychological and sociological tests, most of them would be found to be without basis.

Some 'experts' who have not undertaken any windfarm specific primary research to verify their opinions, state that we are suffering adverse health effects because of Dr Laurie and the Waubra Foundation. That perhaps we are suffering from hysterical contagion. It is obvious from the dates of our initial correspondence to government departments, media reports (Current Affair, 7.30 Report WIN News all in 2009) and many other very public documents that this assertion is completely untrue. These all date from mid to late 2009 and are well

before we knew of or had met Dr Laurie. We note this because these opinions are proliferating in the public realm, despite their being very clear evidence that this opinion has no factual basis, and are being repeated thoughtlessly and callously. This causes much distress and anxiety to people whose health and well being is already at such a low ebb.

Donald Thomas and bernie m janssen (Attachment 1. bernie's NHMRC presentation) presented their experiences at the NHMRC Wind Turbine Scientific Forum in June 2011. They were present all day. Most of the health professionals present had not undertaken any primary research into wind farms and health, including interviewing of affected people. Yet there were only one or two people who approached Donald, bernie or any of the other affected people present to inquire, investigate, discover more. Even sitting next to people at the same table we were not quizzed or probed. Certainly no-one who thought we were jealous, technophobic, psychosomatic, hypochondriacs approached us to ascertain if their hypothesis were substantiated, or not.

Inquiry and investigation are the basis of science. Yet these health professionals did not take the opportunity to investigate. Why not? One would imagine that in the context of a scientific forum, scientific methodology and professionalism would be the presiding attitude and evident in unbiased, open inquiry. But no and why not? If one has an open agenda then investigation and inquiry is the norm. We understand that anecdotal evidence provides information on which research questions are formulated, and are necessary to be gathered for a first step to be undertaken. It would seem that many present were not interested enough to take the first step in identifying what those questions might be.

Why we believe these adverse health effects are related to the operation of the turbines.

1. We had not experienced these adverse health effects prior to the operation of the WWF. (Of course we all had the occasional headaches, aches and pains, but not to the degree, specificity and repetition as experienced in the last two and a half years)
2. We began to experience some of these conditions around the commencement of the full operation of the WWF. Over time more adverse health effects have developed and others intensified. Initially we did not associate this with the operation of the wind farm.
3. Through conversations with our neighbours we discovered that they too had begun to experience similar adverse health effects at around the same time. The number of

people in a small locality who are experiencing similar adverse health effects would indicate that there is something in their environment that is affecting them. The most noticeable change in the environment is the Waubra WindFarm.

4. Over time, we began to note that many of us have similar experiences on the same day. EG 7 people have a blinding head ache on December 16 2009. Many of us would have either disrupted sleep or sound sleep on the same nights.
5. Of course we do not experience this every day and night. When we leave the area, or when the turbines are not operating, we find that the symptoms dissipate. When we are away from our home we sleep soundly and we do not experience these adverse health effects. Although now, it takes longer for the Adverse Health Effects to diminish.
6. Through research on the internet we discovered that these adverse health effects were being experienced by people living with wind farms, all over the world. The similarities are too consistent to be coincidental.

Strategies to deal with the situation

Some families locally have had to move out of their homes, even though they still have to work their land. The Dean's have not lived in their home where they raised their family for over two and a half years. The Stepnells, who had built their own home within the last ten years, have not lived there for nearly a year. Most recently Maggie and Andrew Reid have bought a house twenty-five minutes away, so they can have a place to sleep when the conditions become intolerable at the house they were building as the wind farm was being built. The home they cannot sleep in when the turbines are roaring, has all doors and windows double-glazed, walls, sub-floor and roof cavity insulated, the sort of hi-tech modifications used for noise and temperature insulation. There was a 1 kilometre setback in place at the time they were applying for a building permit and they sited their home appropriately. Rosa Dawes no longer sleeps at her farm and residence of over fifty years. Her daughter and herself sleep in Ballarat and return to work the farm. Another farmer leaves his home which has been in his family for generations when conditions make it impossible to have a sound night's sleep. He then goes to another property he owns to sleep. Several other families have just chosen to sell and move out of the area.

Other people are undertaking all sorts of strategies to alleviate the problems that have been forced on them. Some move from their usual bedroom to another room in the house. (Steve

Coleman Senate Inquiry Submission 321) Most of us now try to regularly go elsewhere - usually to the city - Melbourne to get a good night's sleep. What an extraordinary circumstance that country people are able to sleep more soundly in the city than in their own homes when the noise/vibration from the turbines is manifested.

Everyone was assured by the wind developers that they would not be affected "Modern turbines make minimal noise, so that there would be no problems." But as we and many people locally now know, this is far from the truth.

Local community

We also would like to note that we know of many people locally who have not spoken publicly about the ongoing disruption to their sleep or health problems they are experiencing. They speak privately to people we know. They are reluctant to do so in public. Many are reluctant to complain, are too scared to speak out because of family and/or community and/or employment/economic connections. The fear of being ostracized, ridiculed, abused or threatened or just plain community disapproval, is a strong deterrent in a very small rural community. Some people just don't want to cause a ripple or be on the 'outer'.

Many of the people who have spoken out have been ridiculed, abused, threatened, had property damaged, been ostracized - regularly. Many of them no longer visit Waubra or participate in the clubs and associations that they were once very much a part of. (One example see Attachment: Enid Thomas Senate Inquiry Submission) The fractured community, the social disconnect, is also a contributing factor for many people's well-being and quality of life deteriorating.

Maggie Reid:

There are two turbines within a kilometre and twenty nine within three.

There are 3 issues – the physical, which is the noise = the truck that never comes = the lights, the sheer physicality of the thing just out the backdoor. Then there is the psychological damage that it has done to people around here – the people who are victimised and vilified because they do not have them and/or who don't think they are a good idea or agree with the landholders; the social division; the slander, lies and intimidation; the anxiety that is caused by the health problems whether they are real or imagined; again it is how dismissive the neighbours, authorities etc of the claims of people who have been affected – and then there is

just the total destruction of small communities – pitching one faction against one another; appearing to spread largesse when it is a farce; interference with the normal political processes in a small country town.

Acciona has bought at least 7 properties, 4 prior to the building of the turbines and 3 post-construction, that are public knowledge. There are rumours of more. Trish and Vic Godfrey's property, surrounded by 65 turbines, was bought by Acciona. Trish was very vocal and had a high media profile where she consistently spoke of the adverse health effects she was suffering, prior to the buy-out. Conditional to the purchase, the Godfrey's were required to sign a contract that contained a gag clause. Acciona in a media release after the purchase said they bought them out because of visual amenity.

Complaints

Complaints have been made to Acciona for over two and a half years, and there is still no resolution in sight to these ongoing, developing problems. All dealings with Acciona have been less than satisfactory. (Refer to Senate Inquiry submission - Gunther Wilhelm) Some cause of concern:

1. Complaints system.

Gunther requested a complaints reference number, and procedure in his initial complaints in June 2010. At that time he received Number 1. After several more complaints and reference numbers he asked if these were his own Record of complaint numbers and was told that the numbers were not person specific but for all people who complained. The Wind Farm had been operating since March 2009 and fully operational in June 2009. We know that there were many people who had complained repeatedly since 2009, many in person to the Waubra facility, many by phone and none were issued Complaint Reference Numbers, as is stated in and required by Operational (Stage 2) Environment Management Plan. Why was Number 1 only issued in June 2010, when it is obvious and known that there had been many earlier complaints? Surely any Complaints system should be independent? As locals have said ' you don't complain to the fox about the hens going missing'

2. Spin

Whilst what is said by wind developers might and could be true, often it is the information that is omitted that would provide a more complete picture of the situation and assist people's

knowledge, understanding and inform their decisions. The tendency with wind energy developers, as with any large-scale corporation, promotional material (websites, information kits, newsletters) provides an enhanced view of their operations and capabilities; it's the gloss and spin. Not that it is not true in the best possible world in the best possible circumstances, but certainly not always true in most other conditions, which as we know are more often than not. Sins of omission and obfuscation abound in their literature, letters and personal meetings.

3. Never meet a wind developers representative without witnesses.

The experience of people who have met with representatives is that the record of the meeting as provided by the representative nowhere matches their own recall of what occurred. This also had occurred with the Minutes of the Community Reference Group (see Gunther Wilhelm's Senate Inquiry Submission). And has occurred even in the local media (See Enid Thomas's Senate Inquiry submission). Distortion of what has occurred or what has been said at meetings or otherwise, by representatives of wind energy developers, is a regular occurrence and occurs at all levels. Hence, many people locally only meet with a representative with several people being present to witness what occurs.

4. Distortion of NHMRC public Statement.

In a private letter from Acciona they stated that the NHMRC Rapid Review had found no peer-reviewed scientific evidence to link wind turbines with ill health. There was no other information such as the recommendations attached.

Heather Bishop, Emerging Issues. NHMRC has stated in an email dated 31 March, 2011:

The NHMRC statement clearly says that because there is not enough robust scientific evidence available:

a precautionary approach should be taken

research outcomes should continue to be monitored;

wind turbine design standards should be complied with;

site evaluation should occur to minimise potential impacts; and

people who believe they are experiencing health problems should consult their Doctor promptly.

By omitting the recommendations contained in the Public Statement and only noting that 'NHMRC has confirmed that there is no published scientific evidence to support adverse health effects of wind turbines on health' distorts the Public Statement.

Warwick Anderson CEO, NMHRC also stated at the Senate Inquiry, from Perth transcript, 31 March 2011:

...but I do want to make a point to anybody who is relying on this (Rapid Review). We regard this as a work in progress. We certainly do not believe that this question has been settled. That is why we are keeping it under constant review. That is why we said in our review that we believe authorities must take a precautionary approach to this. That is what we do say in medicine anyhow, but this is very important here because of the very early stage of the scientific literature....
P 87 Professor Anderson

...The main thing I wanted to say is that, if there are ill effects, that is a very important thing for the NHMRC. We have not done something and walked away, we are keeping it under review and we would expect that as the literature matures and becomes more advanced and there are better studies that the possible ill effects will emerge strongly...
P 88 Prof Anderson

Prof Anderson—I know that the headline on that public statement says that, but the document does not say that. It did say that there was no published scientific evidence at that stage to positively link the two. That is a very different thing to saying that there are no ill effects and we do not say that there are no ill effects. We definitely do not say it that way....

It is very evident that Acciona has distorted the NHMRC Public Statement.

5. Compliance.

In October 2010 Acciona provided the *Waubra post-construction noise compliance report* as required under the conditions of the planning permit. On Dec 16 2010, in a private letter from the DPCD regarding that report "The advice from the EPA and the independent peer reviewer has raised a number of issues with the report including compliance with the relevant noise standard at several dwellings near the wind farm" Acciona was required to respond. As yet that *Report* has not been signed off by the Minister of Planning. Indeed, just recently (5 Dec 2011) in a private letter from Acciona, David Clarke wrote, "I advise that the Minister for Planning has requested that Acciona provide additional information to inform his determination of noise compliance at the Waubra Wind Farm, including information regarding the potential for Special Audible Characteristics.' Although repeatedly in public, in the media, in company literature, and in private meetings and in correspondence over the

past year Acciona claimed compliance at the Waubra Wind Farm. Yet another example of omission, obfuscation and distortion of the facts.

We have also complained formally and informally to:

- Pyrenees Shire
- Department of Planning and Community Development
- Department of Health
- EPA
- Worksafe
- Numerous Ministers and politicians, local, state and federal.

Repeatedly we have reported that we are experiencing adverse health problems since the commencement of the operation of the Waubra Wind Farm in 2009 and asked for independent research to be undertaken; for guidelines to be more rigorous; for setbacks to be increased; for greater transparency and accountability.

Conclusion.

We believe that our experience provides us with knowledge and insight that should be used to ensure that wind farms are appropriately sited so that the health and well being of individuals and communities are not compromised. We do not want any person to have to live with what we live with. We say 'not in anyone's backyard!'

Our recommendations are:

- independent research into the adverse health effects - studies that would include, medical, engineering and acoustic professionals
- a moratorium on building wind farms until more appropriate and rigorous guidelines are in place
- setbacks of over 5 kilometres, at least. If not 10.

I am sure though that you will understand as people who are living with ongoing health problems and their progressive development, and the knowledge that for many of us this reduction in health, well being and quality of life will accompany us to our graves, we see an

urgency for independent research, and the exercise of the precautionary principle in favour of people rather than political, economic or ideological agendas.

There is a desperate need for independent research so that appropriate guidelines for the design, placement and monitoring of wind farms are instated. Until that time **the precautionary principle must prevail.**

berni m janssen

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Andrew Reid

14 December 2011

Email sent to Dr. C. Watts 12/12/2011

My name is XXXXXX and my husband xxx and I, along with several other neighbours have been fighting the Macarthur wind farm since the end of 2004. This monster wind farm, supposedly the largest to date in the Southern Hemisphere is currently being constructed on three properties adjacent to ours in south-west Victoria.

South-west Victoria is some of the richest and most reliable agricultural land in Australia and is about to become “fly blown” with thousands of these rotating political monsters.

As the xxx of the fight against the Macarthur wind farm I have been subjected to some particularly intimidating and bullying tactics by AGL, (originally Southern Hydro) particularly during the Planning Panel held in February 2006.

My husband and I were given approval by our local Moyne Shire in 2006 to build two farm stay units near our boundary to the wind farm in the area we call the 1 kilometre “impact zone” of the wind farm. AGL didn't like this so they took us to VCAT – Victorian Civil and Administrative Tribunal who overturned the decision to grant us a permit.

For the past 30 years we have been breeding super-fine and ultimately ultra-fine merinos and during the past 12 years we have operated in conjunction a shedded sheep enterprise. Due to the highly sensitive nervous system of our extremely finely bred sheep, we have always been fearful of the impact of the low frequency noise on our sheep, as any stress to these animals causes their wool to break and renders the fleece worthless. We are one of only about 15 shedded sheep enterprises in Australia, and for the past nearly eight years, have requested turbines be set further back from our boundary in order that our business not be threatened. However, rather than co-operate with us in any way at all, AGL chose to attempt to literally crush and destroy us. During initial construction we have had two separate incidents whereby we've had stock losses due to AGL's activities. Even the constant noise of banging, thumping of machinery and the breaking of enormous rocks, in addition to reverse beeping noises on the enormous earth moving equipment has resonated into our sheep shed and this enterprise is under great threat, even before the turbines begin operation.

As vocal objectors to this massive project in our district we have been subjected to quite vicious verbal attacks by local people from the town of Macarthur which is at least 10 kilometres away from the actual wind farm site. This project has certainly divided our community and this rift will never be repaired. In fact, the wife of the principal developer was, prior to 2004 my closest friend in the district. Needless to say, that relationship doesn't exist at all anymore and we don't have anything to do with the local community now. Unfortunately AGL Energy Ltd. concentrated their attention in the very early stages of so called “Community Consultation” on the very small town of Macarthur which was literally on its knees after years of drought and depressed rural economy. They promised hundreds of local jobs, donated to schools, kindergartens and local groups, thus “buying” support for their project. They claimed 87% local support for the wind farm supposedly having 1100 submissions in support. However as I know the host families so well, I was able to determine that at least 50 % of the support names were their friends and families. This is

the disgusting way wind farm developers garner support for their supposed “green” projects. As far as I’m concerned the only thing “green” about wind farms is the buckets of money the greedy developers and host farmers receive at the huge cost of their neighbours and ultimately their community.

This south-western district of Victoria is the main breeding, feeding and flocking site for the Brolga. The brolga population has been under threat for many years now, and the proliferation of wind farms here has the potential to wipe out the brolgas. However, all wind farm developers employ Brett Lane and Associates, a company who undertake the flora and fauna studies and amazingly don’t ever see brolgas, as they carry out their studies usually at the wrong time of the day or year, and don’t ever bother to enquire of the neighbours as to their presence. We have had a pair of brolgas feeding on our property for years and as do other neighbours to the Macarthur wind farm, we protect and care not to disturb these magnificent birds. Of course the host property owners deny ever having had brolgas on their properties. Unlike other birds, the brolga has an enormous turning circle, just like a semi-trailer and it is because of this that they will be literally chopped by the blades of the turbines. In fact, with the 140 turbines of the Macarthur wind farm, and the possible 225 of the proposed Penshurst wind farm 2kms north, and the around 140 Willatook wind farm 2kms south of this wind farm, the brolgas don’t stand a chance. However our Department of Sustainability and Environment have been far from pro-active in their attitude to protecting these vulnerable birds and it’s been up to individual land owners who like us, have looked after the brolgas for years, to fight for their protection and survival.

As the permit for the Macarthur wind farm was issued in October 2006, it was due to expire in October 2010. In mid-2010 therefore AGL applied for an extension to their permit, having not commenced construction by this time. With their application, they requested significant amendments to the original permit, to the extent that the wind farm being constructed adjacent to our at the present time, bears very little resemblance to that for which they were given a permit for in 2006. Their amendments were approved and rubber stamped by a desperate Labour government which was literally “on the nose” and desperate for the green vote. The amendments were so significant there should have been a new panel demanded. I quote from correspondence from the Victorian Department of Planning and Community Development “on July 8, 2010 Minister for Planning agreed to a request from AGL Energy Ltd. to amend permit conditions -

- one terminal station not two
- above ground transmission lines instead of underground
- scope of use of Vestas V112 wind generators including
 - height to blade tip 140 metres (from 135)
 - blade length 56 metres (from 50.5)
 - reduction in wind generator nos from 183 to 140
 - other minor updates.
 - generating capacity from 1.8 megawatts to 3.0 megawatts.

“The assessment found that the proposed changes will NOT materially affect land within Moyne shire or any person, and that public notification under section 52 of the Act was therefore NOT considered necessary”.

This was absolutely scandalous!!!! I objected to the Minister for Planning and demanded a new panel, but was refused and then requested through Freedom of Information documents pertaining to this decision, but this request was also declined by our government.

As a group of objecting neighbours, our combined concerns were numerous. One particular concern was that our ability to have our noxious weeds sprayed by air would be removed from us. However AGL claimed we would still be able to use aerial spraying for weed control. They even went to the extent of contacting our aerial spraying contractor and bullying him into signing a letter written by AGL and presenting this letter to the panel, claiming aerial spraying of noxious weeds would not be affected. Our country is rocky barrier country and aerial spraying is the only method of noxious weed control and it is essential we control our huge thistle problem. In latter years the Australian Air Agriculture Association has declared properties within close proximity to wind farms will NOT BE ABLE TO HAVE AERIAL SPRAYING TO CONTROL NOXIOUS WEEDS. Refer to submission No 1. by the AAAA to the Senate Review into Rural Wind Farms.

One of our most serious concerns as farmers in the south-west of Victoria is BUSHFIRE. As with all other issues, AGL have repeatedly claimed wind turbines do not pose any greater threat than normal farm machinery!!! At the time of our panel in February, 2006 a huge fire had just occurred at a wind farm at Lake Bonney in South Australia and we presented to the panel the video of the 7.30 report with very graphic footage of a turbine engulfed in flames and spotting all around in the dry grass. Since then there have been two other turbine fires in South Australia, one at Starfish Hill and the other at Port Lincoln. In the most recent turbine fire, the work safe authority of South Australia ordered fire fighters to not enter within 1 kilometre of the burning turbine. As a result the turbine, which was still turning, continued to burn, throwing burning debris over a very large area. The south-west of Victoria is one of the most bush fire prone areas, along with California, in the world. I have very vigorously lobbied and requested of the CFA a response which will assure neighbouring landholders we will have some specific protection from our state authority but their response has only been to tell me they have no concerns about the additional fire risk posed by wind turbines. In this rocky barrier country access by wheeled vehicles is very limited, and of course we will not be able to use fire-bombing aircraft either. AGL continue to deny any fire risk. In fact last week during a meeting with a very senior AGL representative, when we commented that there wouldn't be anyone to fight the fires here, we were told that they won't catch fire. He told us the turbines were much more sophisticated now, and they are constantly monitored. Their consultant also told us that there would be plenty of men willing to fight the turbine fires as they'd be dying to have a look at the wind farm!!! If it wasn't such a serious concern, you'd think they were joking!!!

We've always been aware of the lies and spin that wind farm developers have used in their attempts to win the support of naive country people believing their projects would solve all the problems of unemployment and financial strain encountered in small country towns. Sadly, the locals have been "conned" as our now Premier Ted Baillieu claimed as he opened a meeting I organised in 2005 in Hawkesdale, when he was the Opposition Minister for Planning. However, now that the massive detrimental impact of construction is being felt, the locals are feeling quite disenchanted. The roads in the entire south-western district

have been destroyed. That is, not just surrounding the Macarthur wind farm. I mean all roads from north, south, east and west for at least 100 kilometres have absolutely crumbled and disintegrated. The various shires patch them one week and they've disintegrated back to gravel the next week. Our road situation is so desperate that our local Moyne Shire has suggested that all of our main roads leading to the Macarthur wind farm may have to be reverted to gravel for the two year duration of this wind farm construction. There have been multiple truck roll overs and other wind farm related accidents. We have had taken away from us our right to safe travel on all of our country roads in this district – due entirely to construction of the Macarthur wind farm!!! Every day, 76 trucks and trailers roll into the wind farm site carrying enormous loads of gravel for construction of the massive “highways” throughout the wind farm site. Calculate the impact of this heavy traffic over two years.....

I refer now to our specific situation where during August our business incurred lambing losses due to the constant buzzing by a helicopter over our property ferrying cement from a batching plant on one side of the site, to a site near our boundary where a meteorological mast was to be constructed. The helicopter was used as it was too wet to bring the cement in by truck – from August 2010 to August 2011 we had 50 inches of rain which was the reason for the inability to go overland. So for two days our three mobs of 600 ewes and lambs were continually driven against the extreme fence as if they were being mustered by helicopter. As a result we lost many lambs through mis-mothering. Do AGL care? NO – we have to suffer those losses with NO COMPENSATION.

In the panel of February 2006 AGL committed to removing an access track near to our property when we complained construction traffic so close to our boundary would severely affect our ultra-fine sheep. They claimed it had been moved further away in order that we were not affected. So what have they done? They've gone back on their word and not just constructed an access track – it's a road built like the Romans built roads, huge rocks and like a super highway where trucks and vehicles speed to and fro all day long, blowing dust into our paddocks, thus contaminating our ultra-fine merino wool.

Also at the panel AGL in a written document claimed that the closest turbine to the Gardner property is 130 metres from their fence. Of course the hole for the turbine was dug recently and it's FAR CLOSER THAN 130 metres from our boundary. !!! It is frightening just how close that massive turbine will be to our property. At this stage we can see in the distance three ENORMOUS towers each with blades which reach far into the sky and these are 8 KILOMETRES AWAY!!! We shudder to think what the eight towers very close to our boundary will look like, let alone what noise they'll emit!!!

So these are just two examples of the lack of regard AGL have for their neighbours as they have deceived us with their promises of setbacks, only to completely reverse their original commitments.

As with all wind farm developers, they claim there is no evidence of land devaluation for properties in close proximity to wind farms. However, it's amazing that 17 families have been forced to leave their properties at Waubra in Victoria, and after only three weeks of operation at AGL's Glenthompson wind farm about sixty kilometres from here, the first

family moved out of their home. If people are having to leave their homes because they've become ill from low frequency or other noise factors, who would possibly want to buy their properties, let alone at their pre-wind farm value ? As evidence we have the early 2011 letter written by Shane McIntyre, National Sales Manager for Elders Australia where he claims that properties are devalued by between 30 – 50 % if they sell at all.

So far in this submission I have only commented on occurrences during our seven years pre Macarthur wind farm construction. We are yet to be affected by the vibration, low frequency or whichever noise will pervade our once idyllic property which we have lovingly developed from nothing 30 years ago. So far in south-west Victoria, the Waubra and Cape Bridgewater wind farms HAVE NOT COMPLIED with the noise standards. One would imagine, if people have already moved away from the Glenthompson wind farm it will possibly not comply. These wind farms only have turbines up to 2.4 megawatts. What will be the effect on our lives and livelihoods of 140 massive 3.0 megawatt turbines in grid form, as close as 1.7 kilometres from our homes, and practically right on our farm boundaries, which are after all our work places ?

I ask of AGL and our greedy neighbours -

Why should we incur massive loss of hard earned capital, loss of income and MOST IMPORTANTLY SERIOUS HEALTH EFFECTS in order that they maximise their profits?

Wind farm development throughout rural Australia is like an insidious disease. Governments have a duty of care to their people and what governments are allowing developers to get away with is immoral.

Xxx xxxxx

Hawkesdale/Macarthur Landscape Guardians

Xxx xxx

To: whom it concern

I have Family at Waterloo in South Australia and over the years have spent much pleasurable time there in the past.

Now it is a no go zone for me unless it is a Family emergency and help is needed thanks entirely to the wind turbines and the sickness they cause.

I was a sceptic at first after 3 uneventful visits, but on the fourth visit I was mildly effected by headache, chest discomfort and tinnitus (ringing in the ears).

The fifth visit was extremely uncomfortable with all of the above many times worse than before and stomach upset (diarrhoea) as well, I had to endure 48 hours there to help Family I could not wait to get out of the area, The tinnitus slowed at about 15 Km away and by the time we got home some two and a half hours later was back to normal and the stomach upset was gone next morning.

2 Family members have had to leave the area altogether due to ill health since the turbines were turned on and one soldiers on in constant pain because she has nowhere else to be able to go.

I believe the setback areas for these machines should be a minimum of ten to fifteen Km from all residences this is based on personal experience and experience gained from Family and friends in the area. The politicians that say 1 or 2 km should be forced to live there over a prolonged period to see for themselves.

I also consider it a shame that more consideration were not given to these matters given the material available on the internet and experience coming out of Europe the USA and Canada. There is also the ongoing issue of who will be required to cover the cost of removal and disposal when these units have completed their 20 year life span especially the toxic material in the propeller units which is very dangerous and extremely expensive to dispose of and too toxic for land fill disposal.

Some research on the net recently shows that there are currently some 14,000 units decommissioned and left standing in areas of Europe and the USA only good for scrap but no one will cover the cost of removal so they continue to be both an eyesore and a killer of wildlife in particular migratory birds.....**green power – I think not**

Another tragedy is the historic value in South Australia's past history of Waterloo, which may well become a ghost town unless someone in authority acts responsibly.

"wind power at any cost" seems to be the cry of those in power and those who stand to make a dollar out of it.

Speak to those affected in the area before you allow this to happen in your back yard,
Don't just cop it, make the decision makers accountable

xxxx

I am writing to you, hoping that you will listen to people like me that have had experience living very close to Wind Turbines (Farm). We have had our whole lives destroyed from living extremely close to a very poorly planned wind farm built by Acciona Energy Company (Spain).

We have 4200 acres at Waubra, our whole farm is surrounded by Wind Turbines. Our family home is 800 to 900 metres from 4 turbines.

Acciona has purchased 8 homes. I can't work it out, the company keeps telling us there is no problem at Waubra but why have they purchased 8 properties? We think it was because the turbines were too close to homes, and were too noisy.

All those families did not want to leave their homes but they had no choice because of the health impacts. Living too close to the wind farm has destroyed what they once had too. The Primary School has about 20 less children because so many families in the area have moved away and we are one of those families. My son has had to leave Waubra Primary school.

We had no choice but to walk away from our family home because the health impact and noise from the wind turbines was so bad. I have had people call me from all over the place, WA, QLD, NSW, SA and America asking for advice. People all over the world are having the same problems. The turbines at Waubra were the biggest turbines that had been built and they are only going to get bigger and the health problem will as well.

I just don't understand why these Wind Farms aren't being built all over Australia's open country and why are Wind Farms being built or approved to be built in places where people live. It is very un Australian to be forced out of your home and have to purchase a house in Ballarat. It has put huge financial pressure on my family and I but we had no choice but to leave. Our health is number one and it was really suffering, living so close to wind turbines. I do not want this to happen to other Australian families.

Wind Farms have got to be better planned and there has got to be a health and impact study done properly. The Senate Inquiry recommended RESEARCH, as well as independent noise monitoring INSIDE people's homes, but NOTHING HAS BEEN DONE. We as people living 900 metres from wind turbines are living proof that there is a very, very serious health problem living too close to wind turbines. The only thing in our life that has changed is the Waubra Wind Turbines have been built in our backyard.

We as Australians do not just walk away from our home we built ten years ago for no reason. We have a very big problem at Waubra. Acciona submitted their first year report in last October but the Minister clearly was not satisfied with the report. I just don't understand how a non-compliant wind farm can still operate if the Victoria planning Minister Matthew Guy has not signed off on the wind farm which has been in full operation for 2 years this September. The minister still knows there is a problem with the non-compliant wind farm. What is he going to do to fix up the current mess he inherited?

I am no expert; I am a farmer and a Mother of three children. We all care for our environment; we plant thousands and thousands of native trees each year on our farm. We are living proof that wind turbines built too close to homes is not the answer. I am worried that this Federal Government is going to drive many more families off their farms with the proposed carbon tax, as it will just be used to build more wind turbines, too close to homes and working farms. I have told Julia Gillard about my family's situation, but she's not listening. Nobody is listening....

The Government has failed to protect the health of my family. Please do not let what has happened to my family, happen to anyone else. Please stop giving Australia's money away to Spain and making us sick.

xxx and xxx
Ballarat North
VIC 3350

Hi colleen

My name is xxx xxx, just got an email from Sarah requesting support in your battle with a wind farm project. Don't know if i can help much but will try.

I have lived with the noise from the Windyhill wind farm for the last 10 years and am the only resident affected up here in Ravenshoe.

My GP has diagnosed anxiety depression as I have a lot of the documented symptoms associated with noise experienced at my home.

I live a mere 400 metres from the nearest tower

I have lodged a noise complaint with my local council in early September 2011. A statutory declaration was also lodged with my complaint and also sent to Ratch Australia and also my state MP was given a copy with a request to make Representations on my behalf to the relevant minister.

So far not much has happened. The company has been told to comply with the conditions in the permit which they had not been doing. Readings were taken at my home some 2 months ago, I had to ring the company to find out what was happening to be told the computer modelling was INCONCLUSIVE a result well known to many down south.

That is pretty well where I am at the moment a poor result you will agree. I am still on medication and support from a psychologist to help maintain some sense of normality. This is only a brief note as I'm not exactly sure what information you require but rest assured if I can help in any way please call me on xxxx or email me.

Yours in the fight

Xxx xxx

To Whom It May Concern:

xxx xxx

Waterloo S A 5413

I came to the town of Waterloo for the peace, quiet and the beauty of the rolling hills about 6 years ago. I was a Fruit grower and exporter of Stone Fruit and Table Grapes in the Riverland for many years however the stress of doing that led me to give that up and move here to Waterloo. I have Heart and High Blood pressure problems, and after moving here I also got Diabetes about 3 years ago, I just got most of my health issues under control when they opened the 37 Waterloo Turbines, 2.5-3 Km away, which are directly in front of my House, (pictures included).

From the time they turned them on, my, my daughter and others in town's health has gotten a lot worse, some more than others. My brother got so bad that he moved from his house that just he spent over \$100.000 + to renovate, to the next town and stays in a caravan, he comes here only for a short time and goes again because the turbines make him so ill that he can't bear to be here anymore.

My daughter xxx (age 17) came to stay with me and within a few days started to feel ill so I got her to keep a record, (also copy included) and took her to the Doctor in Clare, where I had an appointment, I showed this Doctor the records I kept on myself and xxx and told him that I think it has to do with the Wind Turbines, he got quite upset with me and said no he does NOT believe that wind Turbines can do this, even though I showed him the difference between being at home and when we were away, he told me for my high Blood pressure I should take one more Tablet at night , he even gave me a script for a much stronger Tablet and also said if by being away from your House makes you feel better, then I should move! It's not as easy as he must have thought to just pack up and go after making a place your home. I asked him about xxx and he just asked did you have a double appointment? (I didn't) I just wanted to know from him by looking at her records if I should make one for her, so he did look and asked her if she was on the pill? Because we recorded that her heart rate and blood pressure had been abnormally high for someone her age, She told him no And his only response was "then you need to make an appointment soon", so as you can see by her and my records when we are in Waterloo compared to anywhere else, there is a big difference and I'm thinking to send xxx to my other daughters house in Adelaide , and if I could move away from here please believe me I would, I just can't afford to I have put all my money into this place, but who will buy my house even if I put it on the market? I can't sell it knowing that by leaving here you can get very sick or even Die, we do spent a lot of time away from here now but that does not help me or my animals, I think that the wind farm company Roaring 40's should buy out the people and relocate them and use my house for research or any of the other homes.

To my knowledge 4 families have moved or have purchased another home in nearby towns and only come here to work or to run their farms.

I'd also like to tell you about a friend of my brothers who came a few weeks ago for a visit, at the time I was speaking to a reporter from the Advertiser, Penelope DeBelle about the wind Turbines when they arrived at my house , I asked them in for a Coffee, the man is 82 years old, and in the short amount of time he was here he had a bad reaction to the turbines, within half-hour he said his head was aching and he felt like he was in an airplane at high altitude,

and my brother had to take him home. When my brother got back he told me that his friend said to him *quote* "I didn't believe you when you told me about the Turbines but I do now, if you gave me \$1000 a week I would NOT live in Waterloo" *end quote*. If you would like to talk to him, His name is xxx xxx Hoyleton SA 5453.

The wind Turbine Syndrome is real, as you can see from the records the turbines are having an ill effect on us, for myself, pain in the chest, like someone is squeezing my heart, nausea, really bad headaches and the ringing in the ears and the pressure behind your eyes is unbearable to the point that you can't see properly and you feel like you're sea sick, I get woken up from sleep in a panic, sometimes 3-4 times a night and when you get out of bed you just want to climb back in, I also found that animals have some wired things happening to them, my chickens have stopped laying for months now and my brothers dogs will sit and look at a bare wall for hours at a time and when he still lived and slept here his dogs used to sleep with their heads under the lounge cushion, or his Jack Russell will sleep under 2-3 pillows and they didn't spend much time out side, my brother moved with his dogs to Manoora 6km away and he tells me that it's not far enough from the turbines so we went to see how far we need to go before we feel better, first we went to Marrabel, the last turbine on the ridge is about 10km from where we were and we could still feel the turbines, so we went 15km + in the small town Hamilton and we had lunch there, by the time we had finished lunch we both felt better, on the way back to Waterloo we got just into Marrabel and the headache and pressure and ringing of my ears started again, I have suffered from Tinnitus for many years on a scale of 1 -10 my Tinnitus was 2-3 maybe on a bad day after being on the Tractor all day a 4, but most would go away or by playing a Radio or some background noise it was fine, now it's about 8 out of 10 and even after a week in Adelaide it didn't get much better, and I found that some noise or some people talking make it worse, so I got my Doctor, Lisa Koo from Clare to refer me to an Ear specialist Dr. S Krishnan, referral copy is with my records.

I would like to get something else straight, in the senate last week one of the wind farm managers CO stated that Dr. Sarah Laurie was the cause that so many people have these health problems and that she went around and told the people about the wind turbines syndrome, this is not true I did my own research on the web and found hundreds of people with the same or similar problems that we have here in this town and this problem is worldwide, the person who rubbish this Lady for trying to help, should be ashamed of themselves, I got in contact with her, not the other way around, I went to her for help and I found her to be one of the nicest human beings that I have ever met.

With that I will close my letter; I hope that it will help the senate to come to see that we do need to do a lot of research into Wind Turbines and the health effect on people and animals, and the effect on home values and how people should be compensated.

Kind regards,
Xxx xxx

Waterloo SA
5413

To whom it may Concern.

*I/we would like to let you know about our urgent Concerns!
I/we have for the effect on our Health the Waterloo wind farm has on us!*

*I xxx xxx have never slept so badly;
From the time the wind farm has been put up on the hill less than 3km
away, which is playing havoc with my everyday life.
Headaches, awake all night because of the jet like noise coming over the
hill, when the wind comes across from the east to the west, stress, lack of
concentration etc: I feel nauseous when I get woken up at night, the noise
and Vibration has a weird effect on me.
I/we know that you know what is causing this problem, because I'm not
the only one with this reaction to the Wind farm,
This problem also has a massive impact on Property value in and around
the town of Waterloo and anywhere near the wind farms.
I/we have asked around. People know now, and have
Health problems and noise problems, and resale problems,
No one wants to live anywhere near wind farms.
This has now destroyed my future.
Roaring 40s said at the town meeting in Waterloo they talked to
concerned Citizens? I/we have "NOT" seen anyone in this town yet..
What will you do about "THIS" problem? Or are you going to let the
Wind farm make us sick? Financially ruin us? Or make us leave our
Homes – So that they can make money for the shareholders? So much for
GREEN Power?*

*Kind regards
Xxx xxx*

Hi this is my experience I had visiting a friend in Waterloo, Mr. xxx xxx of Hoyleton South Australia 5453.

My friend xxx xxx came to my house at Hoyleton and told me that he has to move from his house that he is in the process of renovating, I asked him why? And he proceeded to tell me, the wind turbines are making a lot of people in the town very ill, and he went on about what affect this Turbines have on himself and other's in town, so I said to him if we can go and see what he has done on his house, the last time I went to see the house he was still in the frame stage, when we got to Waterloo, I was very surprised on what he and his brother had done, the house is nearly finished, and they turned a old Service station in to a great three bedroom house, a lot of work went into this place, and now he can't live in it, so I said to him "you are crazy" the wind turbines are not causing me any problems and I can't hear them, they don't look very nice up there on that ridge, so after looking around, Johannes said to me let us go and have a Coffee with my brother across the road.

When we got there, he had someone there, but he told us to come in anyway and he will make us a coffee, and he told us that he was giving a interview to the Advertiser newspaper, about the Wind Turbines.

As I was drinking my Coffee in the Kitchen I felt unwell, and we would only have been there for half hour, forty five minutes, my head was starting to hurt and I was sitting there with both my hands holding my Head, I said to all there it's like being in a plane at 30,000ft, as I was leaving to go out the door I also lost my balance and had to hang on to the wall all the way out of the house, I thought I was going to pass out, when xxx xxx brother) told us to leave, and we did, only to get about 10km away from Waterloo and the headache and pressure went away, as we were driving I said to xxx that I didn't believe him before when he told me about the Turbines, but I do now, and said to him I couldn't stay there even if you gave me \$1000.00 a week, NOT even \$2000.00. So whoever is to read this letter I hope my experience with Wind Turbines will help, believe it, it's real.

Kind regards

Mr. xxx xxx

To whom it may concern,

Xxx xxx
Xxx xxx
Waterloo S.A
5413

I have been living in Town of Waterloo since 2005.

Since the wind farm has been operating my personal Health has become so bad, living here is unbearable!

Having to put up with sleep deprivation, a constant Buzzing sound in my ears and when the wind comes from the East the noise produced by the blades sounds like a plane is over head, however this plane won't go away.

For about the past two month I have been taking Blood-Pressure lowering tablets when before my blood pressure was on the low side.

To make matters worse, electrical\electronic devices don't function as good now as compared with their performance before the wind turbines went on line.

My mobile phone's reception has been reduced by 30%.

At the Roaring 40's meeting we were assured reception would improve.

Because the township of Waterloo and the health problems associated with living near wind turbines have become very public, who would want to purchase my House if I were to sell it?

Wind farms have their place as long as they're NOT in anyone's front or back yard.

Yours truly,

Xxx xxx

Xxx xxx
Xxx xxx
Waterloo SA
5413

To whom it may Concern.

*I/we would like to let you know about our urgent Concerns!
I/we have for the effect on our Health the Waterloo wind
Farm has on us.*

*I xxx xxx have never slept so bad,
From the time the wind farm has been built, which is playing
havoc with my Blood pressure, Diabetes, Mood swings, Stress,
And Concentration: I feel like crap most of the Time, it also has
a weird effect on my two Dogs.*

*I/we know that you know what is causing this problem, This
problem also has a massive impact on Property value in
Waterloo and anywhere near wind farm's.*

*I/we have asked around! People know now, and have
Health problems and noise problems, and resale problems,
No one wants to live anywhere near wind farms.*

This has now destroyed my future.

*They say you are talking to concerned Citizens? I/we have
"NOT" seen anyone in this town yet...*

*What will you do about "THIS" problem? Or are you going to let
the Wind farm Kill us? Due to making Health problems many
times worse?*

Kind regards

xxx xxx

7/12/2011

Xxx xxx

Xxx xxx Rd

Cape Bridgewater, Vic, 3305

Dear Colleen,

It has come to our attention via Dr. Sarah Laurie, a wind farm is being proposed for the Flyers Creek area and a group is mobilising to oppose this inappropriately sited wind development, close to a school and local residents. The fact they are considering building close to a school appals us.

██████ and our 9 yr. old son and I live 900m. from the Pacific Hydro wind farm at Cape Bridgewater, this started operating in 2008. We are being profoundly disturbed by the turbine noise and vibration and it has been an ongoing problem for some time. After a distressing night on the 24th Oct 2011, I decided enough of being quiet about the issues we are dealing with and started making complaints and writing letters. I complained to the EPA on that night, I was told the next morning someone would come and install a noise monitoring device. We are still waiting. (The noise wasn't so much the problem, the vibration was.)

xxx, over the years has complained to Pacific Hydro by email, telephone, visits to the local office, to the Melbourne head office to no avail. They send complex technical data, that's irrelevant, inadequate or too hard to understand. We recently requested the wind farm be turned off for Christmas Eve and Day; their legal team asks "Why should we do that?" They claim there is no problem at Cape Bridgewater and xxx xxx from the local office wants to install a monitoring device in our house. I refuse to co-operate with this, I don't believe they record data accurately nor measure the disturbances. They won't accept an independent investigation, they don't trust us to use the right person and we don't trust them.

I have been in contact with the local council, the Glenelg Shire, to complain and explain what is happening to us. The health officer was sympathetic but says Councils (are hamstrung), await the results of a CSIRO study into wind farms due sometime next year.

I have also corresponded with the Dept of Planning & Community Development, Warrnambool and given a contact at the EPA, who still hasn't responded to my email. I requested the EPA install a monitor to measure full sound spectrum down to the lowest frequencies and a monitor to measure vibrations.

There needs to be more comprehensive investigation into what we are experiencing. There have only been a few days with no vibrations/noise in months. I have a hearing impairment and don't often actually 'hear' the noise but my family does. I can't decipher if what I feel/hear vibrating is from air borne sound, bone conducted sound or sound vibrating through the ground or just vibration from wind turbine movement? Whatever it is it is inescapable.

I continue to be amazed by the lack of proper investigation into the effects of wind farms. Dr Sarah Laurie and the Waubra Foundation seem to be the only source of information about wind farm effects and the only people speaking on behalf of residents living near wind farms.

The wind farm people, in newspapers and on ABC radio, proclaim loudly they have community consultations and keep communities informed. We recently had a phone call from Pacific Hydro Portland office, to say there is work going on that day at the wind farm. They had actually been there for a week, working. This was the first phone call we have had in all the years of the wind farms

operating and constantly breaking down; to inform us they were doing work. We have endured a lot and in silence for a long time.

We put a submission in to the Senate Enquiry, I have included an attachment. It is great that a 2km limit from wind farms to the nearest house, is in place to protect people, but it should be 10km. Who can tell me we are safe from negative effects at a distance of only 2km from a wind farm generating electricity. We take precautions with x-rays, microwaves, mobile phones etc. as much as we are able but tell me how do we protect ourselves from electromagnetism and how do we trust studies done overseas are enough... we simply can't, not while people are getting sick. We don't even know what we are getting sick with or from? (It's absurd. We don't live in a third world country with sub-standards and leaders without morals, do we?)

We attended and I was shocked at a recent Department of Health. (Melbourne) meeting. Seeing other community members from other wind farm sites and how ill and stressed they look, to hear their stories. To realise we are not alone in our experiences and that is how we also look. I want to know exactly how many people have been forced to move away from a wind farm. The local Health Officer couldn't tell me how many have locally been affected due to confidentiality but he can't deny that local people have been. Two of our neighbours have moved away, due to the wind farm they can't live here, one have relocated and the other, living at different houses. How many like us will have to move away and can't afford to or don't even want to? Why is no-one doing anything and who believes us? The Minister for Health states there are no ill effects from wind farms. Where does that leave us?

Pacific Hydro won't accept any responsibility for the problems we are having, claiming the wind farm operates within acceptable noise levels. We had an unaccounted oil splatter over the west wall of our house, the only logical explanation being it has blown over the Cape from a turbine. Pacific Hydro claim, it is unlikely to originate from the towers at such a distance. I remembered afterwards, at some time on a hot day, I could taste oil (?) or something in the air, thought nothing of it at the time and didn't realise it was a substance that ended up over our house. Why then are there still stains visible on our house and where else would they possibly be from? They also claim never to have heard that the wind farms cause vibrations that annoy people. Their responses are frustrating and upsetting.

Some years ago I complained to the Glenelg Shire Council about the noise and their response, "it had nothing to do with them". I have complained to my GP's who look at me blankly, one suggested to medicate myself with sleeping and anxiety pills. My specialist has suggested it would be best for my long term health to move away, but won't put that in writing. Often by the time we get to town our spirits have lifted and any symptoms have abated. It is difficult dealing with the medical system and I feel disrespected. Disheartened.

When the wind farm was proposed for Cape Bridgewater, we were generally supportive of them even though I had many doubts. We attended the council information meetings, had the CEO's of wind farms drink coffee in our kitchen, we attended local meetings, we had questions and doubts. We were assured there would be no noise disturbances, no effects from EMR's, no shadow flicker and when I continued to ask questions, a wind farm CEO became intimidating and spoke of me being responsible for greenhouse gasses etc., it was very upsetting. We would be given tree screenings, double glazed windows, xxx would get training overseas and a job on construction, it didn't happen. Not only was a signed contract broken by them, a caveat was placed without our knowledge on our land. Years of not having our complaints to Pacific Hydro responded to and you may begin to understand our trust in Pacific Hydro has been broken. We definitely don't regard them as good neighbours and we wouldn't recommend living within ten kilometres of a wind farm.

I have been documenting my experiences for the past year after returning from a month long holiday, well rested and really noticing the wind farm on our return. It took a week to feel 'normal' and four weeks away from the wind farm to feel rested, relaxed and also energised. Until we had this holiday we

didn't fully realise the impact the wind farm was having on us. It was from this realisation and the frustration of not getting anywhere in communications with Pacific Hydro, I decided to make a record. These are personal observations and accounts and I am cautious of sharing them. Pacific Hydro is aware of my 'diary' and requested a copy to compare with their data. Having no wish to put myself in the position of being further negated by them, I have not passed them a copy. Just having to keep this record really angers me sometimes. It is time consuming and when you have people saying from one level of government and business to the highest level that there are no ill effects from wind farms, you are left with no option but to continue with it, if only to vent feelings.

The vibrations are still here, driving me mad most nights and days, and there is no escape from it. When I called the EPA, the vibrations went for 36hrs without stopping. I feel them throughout our whole house, in my bed, at the kitchen table, everywhere. I feel this vibration as pressure on my body; I feel it vibrating through the floor and furniture. Even through the ground outside. The Health Officer said it is coming through the schist.

There have been comments of 'nimbyism' and don't you want jobs etc, comparison to other noises like traffic, and social divisions in our small community, and in my family. Physically it is exhausting living near a wind farm, I am always tired. This is explained by my Endocrinologist as ongoing years of sleep deprivation and to move away. It is more than being simply tired; it is at cellular level, bone deep tiredness. I've been a night shift worker and a new Mum, I think I know sleep deprivation and when I'm tired from lack of sleep. Even after an undisturbed night's sleep, I'm exhausted and tired upon waking. I am usually woken early by wind farm disturbances. There are different types of head-aches; they are also hard to explain, not like a headache, more of pressure, fuzziness and 'sick' feeling. I was a person who never went to a Dr, never had headaches or this sort of tiredness, until the wind farm was constructed next door.

I've had tingling feet, like electricity is moving through them. Ringing in the ears, which was a pre-existing condition with my hearing impairment. But I used to go years without single episodes of tinnitus and now it's constant. At times I am extremely sensitive to sounds and loud noises, I'm easily startled. I'm certain the high pitched sound I sometimes hear is a malfunction in the turbine mechanicals, just before they stop or break down. Being partly deaf, I don't always hear the wind farm noises but I feel it and vibrations through the house, yet xxx and our 9 yr. old often don't feel them. They hear them. We all look tired, all the time.

There are times at night I feel the vibrations inside my body, in my organs. I don't mention a lot of things because it sounds crazy and I have no explanation or even words sometimes to describe some experiences. I home school my son, it's difficult to concentrate and stay patient, while so tired and distracted. This could happen to the students at your local school.

Even snakes act aggressively when the vibrations are bad; we had two separate snakes on the same afternoon come out of hiding and for the first time I've seen, were striking out at our hens and native birds. Usually we leave the snakes alone in peace or have them removed and they don't bother us, but I was scared by their behaviour.

I feel tense and often irritated and angry with my family. Often feeling frustrated. We argue. There are days when I can no longer withstand the noise, vibration and whatever unidentified disturbance I am experiencing and we drive into our nearest town, Portland just to get away. I get facial rashes after showering, is that from something in the water or may it be stress related? We did find oil spatters on the west, wind farm side of the house, is this compound safe? Did it end up in our drinking, tank water or groundwater?

Pacific Hydro gained access to council records of an investigation into an oil spatter on a neighbour's property. The tests done apparently detected nothing. I'd like to know why we as we live within the 2km zone we weren't contacted by either Glenelg Shire or Pacific Hydro, to inform us there had been a problem under investigation, as a courtesy and in the spirit of keeping the community informed. Who knows if there have been other oil spatters here or elsewhere close to wind farms? We believe several gear boxes have been changed at the wind farm, this could explain the oil problem? I need to know if spatter of an unknown substance from an 'unknown' source is likely to occur again and is it getting into our tank or groundwater and is it safe. These questions don't get responded to.

Pacific Hydro didn't visit our house to investigate this. It took several phone calls, a visit to their head office, more phone calls just to obtain MSDS sheets, for gear box oil and lifting chain grease, a total of nearly twelve months. They requested we fill in a complaint sheet as per company policy. I have objections to this, as a phone call should be an acceptable avenue for complaint. A written noise complaint, submitted on their official paperwork back in 2008, to Emily Wood, (Pacific Hydro) was never responded to. Thus we have a problem with following these company protocols. The delays and lack of communication, their lack of response to our neighbour's complaints, frustrated us to the point we no longer think it worthwhile and have little incentive to communicate with Pacific Hydro.

I would never have described myself as stressed, I've always been calm but I am not anymore. I have woken in the night frightened, with a pounding heart, rapid pulse and rapid breathing, for no reason. I have had hurting teeth especially my capped tooth. I had frequency of urination at different times over the years; I have Hashimoto's disease, (related to thyroid) and heavier menstruation. Is this related to the wind farm operation? ... I don't know. I do know I have little motivation left to get things done at home due to lack of energy.

The turbines are always stopping and starting and always breaking down! Apparently the European wind turbine used at Cape Bridgewater is not suited to Australian wind conditions. We still have constant road traffic with the maintenance crews racing up and down our little road.

Who is educating us and who is learning from us? The problems do not go away because some expert, somewhere, says the noise is below some limit and acceptable. It's not, I am still suffering disturbed nights, feeling ill, having head 'aches' and all sorts of problems. And I am becoming angry and upset. I am certain that more than the noise is causing distress to my body.

I do know I am getting angrier at Pacific Hydro, our council, our government because no one seems to be listening. Who is investigating and documenting what is happening to us? How many people are being forced to move away from wind farms? Why is no-one is doing a post wind farm impact review? I'm suggesting one is done to determine the effect of the wind farm on Cape Dunesque and Cape Bridgewater. Why aren't we kept informed? Why do we feel isolated and alone?

I am angry about it all and can no longer pretend to myself it is okay. Something other than noise is causing illness, because sometimes when the turbines are turning gently or not at all, I feel sick, it is too hard to explain. It needs thorough investigation as people living with wind farms are sick and being forced to leave their homes. I have disclosed my health issues to few people, at this stage and appreciate respect for my privacy. Our health is at stake and I'm feeling very protective of my child who has no voice. What long term effect will it have on him as a growing child and on us?

I dislike confrontation, I dislike the time needed to deal with all this and the fact we have to deal with living next to a wind farm but I am tired of being tired and sick. I am tired that money means more than people. I am ashamed that in our developed country, all these people are getting sick and nothing seems to be done about it. People are not being properly updated and informed or even believed. We are paying for our heads buried in the sand in more ways than one. To anyone thinking that wind farms are the answer, you need to consider that all these people are being affected by them and to listen to

them and their stories. Australians especially in rural areas are pretty tough but we're not stupid and we're not staying silent.

The Department of Health, Victoria has undertaken to continue to listen and engage with community members and communicate transparently. No-one from the Department of Health has approached us showing interest in our situation, informed us of adverse health effects of wind farms or to suggest any kind of study or investigation into our health, as neighbours to a wind farm. If the Department of Health neglect responsibility, who will then deal with the ongoing health problems experienced by rural people living next to a wind farm? What work on issues identified is actually being done? The longer our exposure to whatever is the cause of ill health, the worse our symptoms appear to be. I believe Governments must have a duty of care towards those of us living next to wind farms and must actually act to ensure our wellbeing and our health are improved and maintained. It doesn't seem to be happening.

It is disheartening to discover that Government agencies have no well-defined roles and responsibilities regarding wind farms. It is Government agencies who give support and approval to wind farm construction in Australia and with that power to make decisions on behalf of Australians there is responsibility towards Australians, responsibility to me and my family and others, to act on our best behalf.

There were protests prior to wind farm construction, I regret not fully investigating and being more supportive of those concerns and perhaps if the Government agencies had actively listened to concerns voiced then, appropriate policies would be in place now.

Voicing concerns about the wind farm has been new to me, I have had little idea who to contact and what to do, there has not been a 'group' in our locale since before construction and we at times feel isolated and alone. We don't have any legal advisors or in depth studies or the money that Pacific Hydro has access to but I have a belief that truth always speaks the loudest.

For years xxx has been saying let's move away, I steadfastly have refused to, convincing myself we could continue to live here next to a wind farm, pretending there are no ill effects, thinking I was imagining things, convincing myself I'm not sick, tired or even depressed. I have loved our home and region but feeling now we have no option but to leave. We don't know the long term effects and that scares me.

Thank-you for reading my lengthy letter, I hope it is helpful in some way to you and helpful in telling others our experiences.

Sincerely,

Xxx xxx

Concerned community member.

Dec 9, 2011. This is a public letter.

From: David Libby
RR2 Ridgetown, Ontario, Canada
N0P 2C0
519 397 9100

Information presented in this letter is considered public information and may be distributed or copied unless otherwise noted. Modifications are not permitted without the consent of David Libby. I have written documentation to prove every statement in this letter. One exception noted near bottom.

I live near the RES Canada Talbot wind farm, 50 Siemens 2.1 Mw turbines. Started operation Dec 2010. I was never given any notice that these turbines would be built. The 2 closest turbines are 700m and 1100m from my home.

50% to 70% of the time the turbines are somewhat noisy to extremely noisy. I have documented this since December 2010. I have taken measurements of 60 decibel at times.

I have suffered sleeping problems, headaches and nausea since these turbines began operation. These problems directly coincide with the noise levels of the turbines.

I have notified all 3 levels of government, wind farm operator - RES Canada, local health office, etc, etc. of this problem on a monthly basis in writing. I often do not get a response at all. And if I do get a response it will state; "Complaint received. Thank you for your letter." or something similar.

Ontario Law states that noise levels at any receptor should never exceed 40 decibel with 5 m/s wind speed.

The Ontario Provincial government agency responsible for enforcing this regulation has never taken any noise measurement at my home or any location near this wind farm.

The wind farm, RES Canada, claims that they are taking noise measurements. I have no proof that this is true. RES claims that they are in compliance with Ontario law. But offer no proof that this statement is true.

All of my neighbors, who also live at a similar distance or further, have similar complaints. I do not have written documentation of this. I have spoken with them many times.

Absolutely nothing has ever been done by any parties involved to attempt to resolve this problem. It is a widespread problem across all of Ontario. Ontario now has approximately 1000 wind turbines in operation. With intentions of installing 1000s more without acknowledging or correcting any of these issues.

David Libby

STOP THE HARM BEING DONE Is it criminal conduct .Is it lack of knowledge. Is it greed? BUT IT IS STUPID people in pain, people leave their homes, people with their lives wrecked "; I CAN NOT TRUST MY NEIGHBOUR ACCIONA". My concerns in regards to the operation of the waubra windfarm is the lack of Integrity of those involved with the development firstly the conflict of interest by the local councillor who chaired a general information evening, refusing people with concerns asking questions regarding negative affects that may come from the operation of the wind farm this councillor now receives some of 6000 dollars a year as a facilitator, the public was upset with his conduct ,and another meeting was set a week later but was disbanded with a bomb threat ,was the councillor involved, who knows the incident was hushed up.

This was at a time when Dr David Iser Alerted the public about issues at Toora in relation to adverse effects the only reason nothing happened is because the local council could not justify spending some \$ 500,000 of public money in court costs. Since then money from the developers HAS DONE THE TALKING At Waubra the people who did not trust the developer were paid sums of money, there are families that was very vocal and are now not talking about their issues I have heard that the developer pays rental equivalent to a number of turbines as turbine rental to stop possible any bribery claim so as to satisfy the complainant, as well as double glazing of windows, If the predictions were correct this would not have happened ..

The people like ourselves that trusted that things were done correctly ,the developer at this information meeting stated that the sound coming from the turbines is not harmful to humans because it was of high frequency, this is not true the highest readings done inside our house done by [MDA] was in the low frequency range, this was the start of the on-going PROCESSION OF LIES, A brief encounter with the original developer stated there would be no noise ,A planning panel meeting at our property revealed that the noise level at our property was some 38 dBA to my Son xxx but the company rep told the chair person that that noise level would be 34 dBA. My Son's concerns to build a house where bluestone remnants were, was dismissed the house sited some 400 mts from the nearest turbine was ignored, an earlier call to the shire was meet with a reply that the shire was better off with the wind farm than xxx living there, this was false because in fact the rate return is about the same for a 3 million turbine as a \$500,000 property .. In fact they do not get enough money for the shire to ensure compliance and solely rely on the developer to supply information to prove compliance which is not understandable even if people were adequately trained, for instance Acciona supplied the Victorian planning Dept. with information to prove compliance in Oct 2010 compliance still has not been proved and I believe cannot be proved because 3 wind speed monitoring towers have been removed prior to post construction monitoring so the wind speeds would need to be fudged to get a result. A chance meeting with a Acciona,a Sub Engineer revealed that he believed we were affected by development and suggested that not to complain because our concerns would be addressed as time went on, he also stated that it would take up to 2 kms for the sound to come to ground from the turbines ,this explains why people living at 1.4 km from the turbines are more affected. [survey New Zealand The Dean Report] which includes all of my close neighbours who all experience health problems ,out of 5 houses only one elderly couple still live permanent because of no other choice. After the wind turbines started operating I complained to my Son xxx that I was getting headaches after getting up of a morning 2 days in a row, when at our Waubra Home, our farming operation include a northern property some 175 kms north west where I stayed the following night, when I woke while at the northern property I got up without getting a headache but after sleeping at the Waubra Property the next night

I got up with a headache the following morning, My son advised me that on the internet that there was what was called wind turbine syndrome which can cause headaches from Low frequency Noise and also stated that there was information on the internet that overseas Acciona had put a family whose child got sick near a wind farm in a motel to get away from the turbines, for Acciona to say that they only have trouble at Waubra is a not true ..

We moved to a vacant house in Ballarat for about 7 days, I visited a hearing centre and was told that low and high frequency sound will cause headaches and that I must go to the doctor, the Doctor I seen did not know what to do and advised me to see my own doctor which was several days later, because I thought that the problem was coming from where the most turbines was, we decided to stay in the house with the wind coming from the north this was the first time we slept in the house with all of the turbines operation and the next morning I had dreadful headaches like no other that I had experienced before, I went to Acciona,s Office with my Son xxx at the wind farm and spoke to Steve Beaton who Appeared to be fair about the situation stated that they had not measured for low frequency noise before he arranged to have Christophe Delaire From Marshall Day to do independent monitoring and that we would get a report from Christophe Delaire ,After Acciona agreed to give me a independent results, permission was granted for measurements to be taken inside our home to this Day I have not received an independent report from Marshall Day A request for this report was made on many occasions including the Senate Inquiry the Chairperson said that Acciona would be asked for the report but at the inquiry Acciona Denied doing monitoring inside houses which is not true. Myself and my Son Xxx was present at the installation of equipment, we took photos of equipment and the dates on the data coincide with the time of investigation and Acciona have stated that we have received the data but no independent report was received.

Acciona has stated widely[attached] About the investigation of infrasound inside of our home in the media by their Managing Director Mr Brett Thomas[see attachment], I believe it is a matter of public safety and that The Federal Police Must acquire and make available the report that states there is no different than any other farm house, available peer reviewed to developers and the general public before any consideration for any windfarms to go forward, this is in direct conflict to my measured observations. and the subjective assessment ,a requirement of planning permit was not done therefore I claim that no one associated with Acciona can be trusted. The director Mr Brett Thomas stated that investigation was done inside our home the evidence appears to be removed. I believe there was no report done by independent International experts because there is no evidence that Christophe Delaire is an international Acoustic expert as he has not had the training to support this claim and he was the person who did the investigation.

Mr Brett Thomas,s Claims that the investigation was done by international experts has not been substantiated. Brett Thomas Acciona claim of investigation was done inside is the same as my claim and that other Acciona,s Personal at the Senate Inquiry deliberately mislead the Inquiry by saying testing does not get done inside homes I suspect to avoid supplying the Evidence to the senate inquiry.

Acciona,s Managing Director Mr Brett Thomas Has not supplied evidence to the public about the presence of Low frequency noise which includes sound in the infrasound range in our house as against any other farm house to give the general public a false sense of security by saying infrasound at wind farms is no different, when in fact it is the dominance of low frequency sound including that in the infrasound range that has forced people, ourselves and our neighbours from our houses which has left me brain affected from the vibration in the atmosphere [Air quake]radiating many kilometres from where the turbines are operating.

Even though I have not lived and very seldom entered the house at xxx stud farm road ,after being affected and being advised that I would be continually be affected by being in the location of the turbines . Bad affects most recently occurred 6lans away from the turbines On some accassions I experience pressure in the head at approximately 10 kms away from the turbines the affects also include chest pain, tinnitus or noise in the back part of the head as well as constant pain throughout much of the body, loss of brain coordination with the muscles including the muscles at the base of the scull and the muscles down the backs of the legs creating a lot of trauma, lack of mobility and a lot of pain with leg movement, lack of sleep because of waking with pain in the legs created with movement while asleep.

I believe that the effect on my sympathetic nervous system created by the impact of amplitude modulation of sound in the infrasound range coming from the Waubra windfarm. operating outside permit conditions of permit may be terminal ,It is known by those trained in physics in both the Medical field and those in the Engineering that frequencies in the infrasound range is extremely dangerous to health and the effect of amplitude modulation on the brain ,this information has been made available to Mr Brett Thomas with a response that the information is not new so Mr Brett Thomas managing Director of Acciona is well aware of this aspect [that is amplitude modulation or pulsing is prominent at my property in the peer reviewed Dean Report [The Noise Impact Assessment Waubra Wind Farm]

On June 17 2010 at a meeting I had with Acciona senior management I alerted Acciona about my concerns that I did not believe that the turbines were complying to permit conditions that requirement was that some 50 turbines would need to operate in low noise mode to comply 3 of these are as close as 400mts from my property. Since I alerted Acciona they have introduced there noise management plan have purchased 2 properties because it was uneconomical to run the wind farm in low noise mode ,One must question why 50 turbines were placed in the wind farm requiring them to be in low noise mode to comply when it not economical to operate ,and the requirement that provision to allow for SAC,s if present, was not addressed at the design stage of the wind farm .development is very bad engineering. The original engineer claims that turbines should be at least 600 meters apart, One asks why aren't they, most of the turbines are approximately 300 to 350 mts apart how can this occur. It is known by the developer that for reasons in The Dean Report that I am and will continue to be affected by the operation of the Waubra wind farm the conclusions of the report include

[1] that SAC,s are present.

[2] that background compliance monitoring is not sustainable.

[3] that meteorological conditions ,wind turbine spacing and spacing and associated wakes and turbulence ,vortex effects, turbine synchronicity, tower height, blade length, and power settings all contribute to sound levels. [The report states these affects can add 10 dB to the base prediction]

To counteract SAC,s affect a 5dB penalty applies SONUS believes up to 2 thirds of turbines need to be removed for every increase of 5 dBG in sound levels the turbines emit.

The Operation of the Waubrahas caused a lot of harm to my family we now suffer lack of amenity, loss of use of infrastructure, devaluation of property values [up to one third less], permanent loss of health no real recovery likely [even after virtually not entering the wind farm area for at least 3 mths] because of being unaware of where the predicted noise emissions from the turbines would travel because there was no noise contour map of the area, and even though the developer was aware of low frequency infrasound concerns for since the 1980,s[attached] and never bothered to investigate, it is quite apparent that the increase in the size of the blades has direct

relationship to increased adverse health effects over and above audible sounds of nuisance have occurred.

The conduct and attitude towards our concerns responded to with only fictional response from the person responsible for ensuring our concerns are dealt with in a responsible manner is the Managing Director of Acciona Mr Brett Thomas his actions are that of a DICTATOR and a TYRANNICAL ACT. These comments were concluded after receiving a registered letter from Mr Thomas, In his letter to me included he stated that he failed to understand my concerns and made assumptions of what he thought and then stated that I had nothing to Mediate and has refused to talk to me since I made a request to speak to the most senior company representative at there Melbourne Headquarters early June 2009, I regard only receiving only raw data and not the full report from MDA on the investigation of low frequency as THEFT of information to defame me by using fictional results to contest my claims of testing by saying there is no difference in the low frequency sound levels in our home and any other farm house without evidence available to substantiate his assertions because my investigation [attached] proves otherwise I have good reason to believe that Mr Brett Thomas the managing director has made the information unavailable to support his own agenda ..

Please find attached evidence to support my claim that low frequency sound in the infra sound range[less than 20 hz] is high at our house at xxx stud farm road as compared to our farm house in Northern Victoria well away from the wind turbines. It must be noted dB is a logarithm measurement and a difference of 20 dB equates to 100 times more force.[info attached]

It must be noted that after living in the house at xxx stud farm road for only one night with all the turbines operating and both My wife and myself getting ill taking at least 5 mths to recover it is the fact that after recovering a large degree by staying away from the wind farm area in this time of recovery and returning to harvest crops in early 2010 I have experienced serious health problems after doing the harvest and general farm work with minimal time of exposure, since this time all stock have been sold off the property I have not worked on the property for 3 mths very seldom visit the area and my son spends as little time as possible in the area of the wind farm.

Please note the extremely high level in the infrasound range [below 20 hz] between the towers about 300 to 400mts from the turbines, this measurement has been done in RMS to convert to peak sound level needs to be multiplied by 1.414 which is 113db in peak for a 80 dB in RMS [root mean square] an increase in 10 dB equates to 10 times more force. So for instance a reading of 80db for 6.3 third octave at between the turbines has a force 1000 times greater than a force of up to 50 dB for 6.3 one third octave at the beach location .It must be noted that the beach locations identified in the Senate inquiry claiming infrasound at the beach was higher than at a wind farm in fact the two times I seen the beach talked about in the report were in fact about 1.5 kms from the wind farms and the information was plotted on a graph open to manipulation. The wind Industry has no Integrity they will continue to do what they can get away with there has been no policing of what they do, the people working in and for the Wind Industry DO WHAT THE WIND FARM DEVELOPER PAYS THEM TO DO [this was the comment from Graeme White Garrad Hassan the designer of the Waubra Windfarm at the Stockyard hill Wind farm Hearing in 2010 at Ballarat] right wrong or otherwise does not matter who it is, they just act dumb do not ask questions in case they are made a fool of ,this goes for the local councillor up to the Prime Minister. [they trust the developer to tell the truth] Do they want to know the truth? Unless you have lived in close proximity to Wind Turbines and been forced to reside at another location because of the adverse health affects you are not qualified to comment on the affects that forced one to leave, this is a pulsating sound like no other

influenced by so many different things, affecting a large number of frequencies with different locations affected differently but one thing is for certain the sounds and the air quakes[vibrations in the air] we now experience when in the area affected by the wind farm was not experienced prior to the construction of the Wind farm, the first thing my neighbour said to me after the wind farm started was the wind is all choppy IT,S NO SMOOTH ANY MORE ,[stop chopping the air in which we live and breathe] The wind farm must be made a safe place to live and work turbines must now be removed to make this happen Why does persons employed by the wind farm operator and their immediate family included in the exemption if the predictions of sound were genuine [.proof attached.]

Acciona has built some 270 wind farms they would know what adjustment would be needed to make the predictions with a high degree of accuracy, as I stated early to put people through this harm and trauma using low frequency infrasound as a weapon is the work of a DICTATOR and a TYRANNICAL ACT and this matter must be treated as such and dealt with urgently.

Xxx xxx Refugee of the Waubra Wind Farm.

xxx& xxx xxx

The xxx-Story (abridged)

How a dream became a nightmare

A true story about the wind mania in northern Germany, of two people who moved to the countryside in order to realize their dream of a peaceful life and work in the midst of nature and now, 17 years later, find themselves in a permanent nightmare.

First, the quality of life dies

The nightmare started and the consequences for us were the following:

Since 1995 we have to sleep with closed windows, because of the noise the wind turbines are producing - even when it is extremely hot. Relaxation and peace in our garden, on our land and with our animals is impossible when the wind blows - whether from south-east, east, northeast or northwest we can scarcely sleep even with closed windows. Conversation inside the house in certain rooms has been disturbed.

Shadowflicker, something very special we've never experienced before, came into our lives between November and February. The turbines throw a shadow in the mornings which gives us headaches, induces irritability and disturbs our concentration (we have our offices at home).

First symptoms of disease

Approximately 1996 we realized that we barely fall to sleep and weren't able to sleep through the night. We thought even to ask a dowser, to determine if our bed is standing above a water vein. We moved furniture between several rooms, but it was the same everywhere.

Symptoms such as ear pressure and noise in the ears were suddenly our companions. Visits to the doctor and medications became the rule for us. - I began to wonder why I felt better on my long and exhausting tours, than at home. During the work I recovered from my lack of sleep. Previously it was vice versa...

VAD and WTS - what healthy people makes ill beside wind turbines

Since 1997-8 we have registered the first symptoms of illness such as Tinnitus (deep vibrating and high piping tones), raised blood pressure, heavy ear pressure, a sensation of fullness in the ear and the sleep problems became more and more serious. This was getting worse all the time.

Xxx consulted four different doctors to find advice and support with his deep, sonorous drone in the ear. Many tests were made, but no one could explain this symptom, let alone help him. This drone is still to be unbearable companion.

Xxx heart-rhythm disturbances, accompanied by angina pectoris and occasional palpitations, increased extremely in 2004 so that in early 2005, a cardiac catheterization seemed necessary. No organic results, but the symptoms are getting worse from year to year. We began to research, what may cause our illnesses.

In 2001, I (xxx) noticed for the first time several small reddish-white ulcers in the mouth and asked several doctors about the diagnosis and its cause. No one could explain these ulcers. In 2007, I saw photos of these ulcers in the mouth and in the bronchi of patients in Portugal who live close to wind power plants. In the investigations by Dres. Alves-Pereira and Castelo Branco one could read that these are typical symptoms of Vibro Acoustic Disease - VAD.

Years later, in December 2010 up to now my husband, xxx, from time to time noticed the same ulcers in his mouth!

Sharp tongues may say now, we were already sick when arrived in the countryside and lived extremely unhealthy. On the contrary. When we moved in 1994 to the Wilstermarsch, we were absolutely fit. As people who refuse drugs and alcohol, except wine on holidays, as Non-smokers and vegetarians who work a lot in fresh air, caring for the animals and cultivating the soil, to grow vegetables and fruits and do sports regularly, also without genetic predisposition, we are under normal circumstances not affected by the described diseases.

More and more wind turbines - increasing symptoms of WTS and VAD

Since 2001 the number of wind turbines in the neighbourhood has risen sharply. We can now see 121 turbines from our property at distances of between 320m and 15,5 km. The higher ones (up to 189m height) blink day and night. This is environmental plague during the day and we live in the middle of a blinking industry park in the night.

Parallel with the increase in the wind turbines and the level of exposure through low frequency noise, infrasonic, noise, shadow flicker and blinking, our medical symptoms have worsened.

We both suffer from noise, particularly from vibrations, which pass through our bodies day and night. For better understanding, imagine you would drive on a big ship (eg ferry between France and Corsica), or sitting in an airplane, where you can experience too these vibrations, which let vibrate the whole body. Marco knows them too from working with an orbital sander and I remember the vibrations in the Hamburg tram, on my way to school.

Long as one is in motion and changes the location from time to time, this vibration is sometimes more, sometimes less tolerable, depending on wind conditions. Immediately it is unbearable, if one comes to rest, especially in bed at night. In varying intensity, the body begins to vibrate; chest and abdomen are the most affected. The vibrations continue in the body in the form of a feeling of tiny pinpricks, and is always associated with chest tightness or chest pressure, breathlessness, and often with tachycardia.

There are also symptoms as sleep deprivation with frequent awakening and rising (normally we get 3-5 hours of disrupted sleep per night) to insomnia, concentration problems, Angina pectoris, rapid heartbeats and from tinnitus. Marco hears 4 different tones; the worst of all is a

deep and constant buzzing or droning. Until now none of the many consulted doctors have been able to cure this. xxx hears 3 sounds, the worst is an aggressive beating in her left ear, like the impulse when the wind turbine blades pass the mast. And we both suffer from raising blood pressure up to more than 160 (sys) and 100 (dia), especially at night, at medium wind speeds and wind from the southeast, east, northeast and northwest.

It is a scandal, the fact that in Germany health hazards caused by infrasound and low frequency sound are not discussed. The refusal of the German media to report that residents of wind turbines also are affected by noise, such as airport or highway neighbors, is intentional. No shadow should fall on the green and clean image of wind energy.

The fact that in Germany topics such as illness and death are taboo, and thus are not socially acceptable, prevents many people talking to their doctors, neighbors and even to friends when they realize the negative effects of neighboring wind turbines on their health. An unholy alliance which drives many people to despair.

Holiday and cure in wind-delusion areas?

VAD and WTS getting better in wind-power-free zones

For years we make the experience that our symptoms improve when we are on vacation. Even though our recovery needs more and more time from year to year. That's the reason, why we have made it a rule, always to ask when booking, whether wind turbines are around the hotel.

Last February we experienced the following: From home we had booked a hotel on the outskirts of Magdeburg in a large park near the river Elbe. On the usual question, one had assured us that the environment is free of wind turbines.

After several previous nights in Dresden in glorious peace and thus an improvement of our health status and finally undisturbed sleep, we noticed astonished, in the hotel in Magdeburg, that we could not fall asleep, we felt vibrations and our blood pressure measurement showed increased values.

The stroll the next morning solved the riddle: Approximately 2.5 km away we saw several Enercon turbines along the river Elbe which caused low-frequency sound. Now, as a precaution we Google the environment of the holiday place, even if the information of the hoteliers and landlords promises the absence of wind turbines.

Fortunately the question about wind turbines in the vicinity of the sanatorium at the Baltic Sea where I should go to recently, proudly was answered with YES. They held it for a terrific thing to have wind turbines next to the health clinic, because, cit. "this way no nuclear plant would be erected beside the clinic ..."

I let send back my documents and searched for myself an excellent wind turbines free clinic on the island of Fohr in the north sea.

The experiences that the symptoms of Wind Turbine Syndrome (WTS) are reduced after varying time, have all doctors been seen and confirmed in their studies. Just as we experience it on vacation, in hospital and sanatorium again. As proof, we collect our blood pressure measurements and perform harassment protocols.

People who leave their homes because they no longer bear the symptoms, can become healthy again. In countries with more flexible lifestyle, such as USA, Canada and Australia, people who suffer from wind turbine noise leave their homes more easy, than in Germany or other European countries. Even the complete economic loss of the property is accepted in many cases, to win back the health. However, with increasing age it is for most people a huge problem!

In Germany, victims of wind turbines seldom leave their homes, because here the people usually are connected with the residence, professionally and familiar.

This form of cold expropriation by the wind profiteers via expulsion of the residents living near wind turbines who do not accept the loss of their health and quality of life, is one of the great scandals of the wind madness!

(...)

Wind power plans in the rural communities destroy social structures

Many activists give up, because they are afraid of losing their social contacts in the communities. Those, who threaten the loudest, and instigate attacks at opponents of wind power, are usually also those, who possess most of the land and thus power, influence and money. Anyone who perseveres and keeps on fighting, has to accept disadvantages from exclusion of the village community, up to the loss of his job.

A crack is going through each community, where the citizens fight against wind power plans. Social structures such as neighborhood connections, friendship and family ties shatter by the greed of a few landowners, who want to enrich themselves at the expense of their fellow men and nature. We have seen how two old citizens, who once have been friends, pounce on each other at a council meeting. A sad picture. The peace in the village is strongly disturbed, often over generations. One experiences dramatically, how the greed for feed-in compensation and lease income change the people and how they stop at nothing. It is a disaster!

Become active in the community - solidarity is needed

The most secure way to keep the wind energy at bay is, to be active yourself and to ensure to change the majorities of the municipal council. This contributed, in addition to the contradictions to the landscape plan, essentially to the defense of Neuendorf-Sachsenbande from further wind energy plans. In 2008, at the last municipal election, the many "headwind voters" have changed the majority and the old mayor had to vacate his seat. With him there were further changes in the municipal council for the benefit of man and nature, against the wind energy. His deselection let the former mayor, and with him some of his closest

followers, foaming with rage against the new mayor, and of course against us as opponents of his plans.

Living near wind turbines - the lifelong threat

In the meantime, our health problems and complaints have steadily increased, so that today we cannot live without drugs. Blood pressure increases with each year beside wind power plants and led to kidney damage and more violent heart rhythm disturbances. In some nights, our sleep disorders are extended to sleep deprivation, because of the infra- and low-frequency noise emissions. Tinnitus, nausea and dizziness, and intermittent painful ulcers in the mouth, make our life a living hell.

Against infra-and low-frequency noise, we can all do nothing, for it can be stopped by anything, except a vacuum. It is this kind of noise, by which we get our terrible diseases. But at least we can push back the audible noise, by sound-proof windows with triple glazing. 14 new windows, which is very expensive, but the double-glazed windows are not sufficient for the noise, coming from nearby wind turbines. Can you imagine, that the wind power operators pay the new windows? Neither do we!

Unfortunately, these windows must remain always closed at night ...

The diagnosed Non-Hodgkin lymphoma, a lymphatic cancer in my mucous membranes, has encouraged the physicians, who research worldwide on the Wind Turbine Syndrome (WTS, Dr. Nina Pierpont, USA), the Vibro-Acoustic Disease (VAD, Professor Mariana Alves-Pereira, Portugal) and on high blood pressure near wind turbines (Dr. Sarah Laurie, AU), to discuss, if it could be a crossover of the diseases WTS and VAD, after 16 years of living next to wind turbines.

When we began researching, what could be the cause of our illness, I remembered my history lessons. There has already been thought, that the Nazis tortured their prisoners with infrasound. An insidious, undetectable torture technique. By the way: Recently, a German armory has applied two new infrasound weapons for a patent!

Our history of disease is very long, because we had a blessing in disguise. The wind turbines next to us are small, and in the early years of our country life we were not home regularly for professional reasons. Thus it had taken a long time, to solve the mystery of our health problems.

For several years, more and more citizens live in WKA height of 100-200 meters. They are getting the WTS-diseases much more rapid, the greater the nearby wind turbines are. That is getting worse with every year that WKA are built on all places.

Even if health problems by low frequency and infrasonic are still not discussed in Germany for ideological reasons, there are studies and field research worldwide by doctors, engineers and acousticians. Fortunately, there is the Internet and our global movement, to inform people

seeking help. Especially in Germany we are very grateful for it, because we are completely left alone by authorities, politicians and the media.

It seems to be easy to write about it, but living with all these symptoms after so many years of exposure, 320 meters away of wind turbines, to bear life-threatening diseases, is a torture and an imposition!

Long-term noise studies, which are in Germany of course not made at "good, clean" wind turbines, but at "evil" airports or busy roads, show, that the health effects are irreversible after 15 years of exposure nearby of noise sources.

We are in the 17 year!

Shadow flicker or cognitive disorder

In 2006, after we first informed us in the nationwide head wind movement and then have been integrated, we learned, that there are fixed time periods, for the duration of shadow impacts, to not exceedingly straining the residents with the fast light-dark flickering. Our complaint wasn't dealt for long time, and only on demand the responsible officer of the state environment authority told us, that we can't have shadow impact. Cognitive impairment?

During the next "shadow flicker season" from November to February we have produced a video as evidence for the gentleman in the authority, with the request to ensure that the wind turbines will be shut down during this time. But they took time again and again, to recalculate the coordinates of the wind turbine locations.

The message from the next higher authority: Only a short shadow impact possible in our house and that at times in which we not perceive it! So, in the next winter we made a second video for the officials, again with references to specific times, Info radio in the background, an actual newspaper with the date - as with a hijacking ... So the years go by...

Now we've got a suspicion: Could it be that the owners and operators of the wind turbines have built their industrial facilities without authorization in a different location ...? That would explain why the authorities weren't able to calculate the shadow-flicker at our home. Meanwhile we Goggled locations and distances of the turbines ...

(...)

Trickery - Camouflage – Cheating - - the methods of the wind-profiteers

Our attorney, a well-known lawyer for building law, wrote to the family, who, according to the sign at the so-called Wind Farm Neuendorf-Sachsenbande, is the designated operator, a warning to comply with the noise limits, before starting the action.

And lo and behold, it was said that none of the family is operator of these six turbines! And one does not know who operates the wind turbines...!

It should be noted: It is the family, who once received the building permit with obligations, they inaugurated the turbines in early 1995, since then they are marked as operator on the

sign, since 2006 they try, to enforce a repowering (replacing old small wind turbines by large new) with an approximately tenfold increase of the wind energy area in the municipality, this family collects the feed-in tariff for these wind turbines and has recently paid even a small sum of trade tax, together with a Mr. Wulf, who was once co-founder of Denker & Wulf PLC, this company, citation LLUR "... care procedurally and technically the turbines of Mrs. Huusmann."

The civil servant didn't pay attention, and may have unwittingly prescribed ...?

Till today none has announced himself as operator, admits everywhere a co-partner ship, and continues to try to trick with the help of all authorities.

The impudence of the wind power profiteers even goes as far, as to complain about alleged threats and accusations.

Loss of reality or "let's have a try"- mesh?

(...)

Windpower-Cynicism

Oh yes, we almost forgot to name the favorite question of all the cynics in the media, politics, wind lobby, government officials and environmental ideologues: "Why don't you leave the country, looking for another home?" Alternative: "Then go somewhere else, if they do not fit the wind turbines"! This reminds so fatal to the saying: "Then go to East Germany, when here it suits you not."

Each of these cynics should personally experience the feeling of losing not only his self-generated values, excluding subsidies and government guarantees compensation paid by working citizens, and the safeguarding of age, but also his health!

That means the loss of social justice to us and all the other victims of wind energy worldwide. But can you imagine that in regions where politicians, decision makers, profiteers of all stripes live or have their holiday homes, wind power plants would be installed?

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Around the Starnberger lake, in the park of Baden-Baden, or near the Elbchaussee...?

Equally threatening is the loss of biodiversity through the massive development of wind turbines all over the earth, including the world's oceans, the expansion of monocultures and deforestation of rain forests. We are all witnesses, as the insatiable profiteers and their ideological and instrumentalized grass roots condone the extinction of species.

What we are witnessing since 1995 in our small rural community, has expanded in the last 10 years into a global threat for humans and nature, and destroyed all our livelihoods - for the infinite greed for money and power of a few energy-profiteers.

Unfortunately, our story and the wind power-cynicism goes on, but we organize ourselves better and more and more global.

We need every thinking and feeling human being on our side!

With greetings from the Windwahnmarsh

Schleswig-Holstein, Germany

xxx & xxx

For the past 35 years my wife and I have lived high up at the top end of remote Cwm Einion in Mid Wales. In September 2008 we had a wholly unexpected knock on our door. A wind farm consultant asked us, totally out of the blue, if we objected to having noise monitoring equipment placed in our garden to measure the sound of the babbling stream below our house against that of giant wind turbines. It was the first we heard of the project.

‘How close are the turbines going to be?’ we asked him.

‘I should know, but I don’t,’ was his reply.

Not long afterwards it came to our notice that a complete plan had been drawn up by the same consultant and his colleagues some three months prior to his visit. He knew precisely where the turbines were planned!

Little did we know that this knock on our door spelled the end of our enjoyment for many years to come, perhaps for the rest of our lives? Government, planners and wind farm developers clearly have not an inkling of what it is like for the guileless resident to be confronted with such plans in close proximity to their homes; the disruption it causes even just to have to investigate what consequences such developments may have on their lives, and ultimately the realisation, as in our case, that you have no realistic choice other than to spend your retiring years fighting a battle which, it seems you cannot win, but which you cannot possibly afford to lose, for if you do there is just no way you can ever hope to get your life back on track again since the industry’s assertion that you will not lose the value of your home is simply a gross distortion of the truth.

The first thing we found out was that an extensive survey of the area had been undertaken by Ove-Arup and Partners which excluded the nearest proposed turbine locations to our valley. These four turbines are inside an area considered to be so intrusive on the valley and the nearest residents and therefore so unsuitable for wind farm development that it did not even form part of the Ove-Arup search area, despite the fact that the assumed turbine height in the report is only 125 metres to blade tip while the turbines proposed by the wind developer, SSE renewables are 146.5 metres high. It was for this reason that my wife and I felt entitled to refuse noise monitoring from our garden, which was therefore carried out just outside our garden. The period chosen by the acoustic consultants was between 08-01-2009 and 09-01-2009.

Below our house runs a – sometimes fast-flowing – stream. After heavy rain it can rise and fall again in the space of 24 hours. During winter months, even when the flow is low, it can be heard quite prominently from our garden. But during spring, summer and autumn the sound is almost totally absorbed by vegetation – while the stream is also much lower most of the time, of course. There was heavy rain on 12th, 14th, 22nd, 23rd, 24th, 25th, 27th, 28th and 30th January. My wife and I therefore consider these tests completely flawed.

From the moment we were given the results of these tests we informed the developer and their consultants of our view that they should be declared invalid as they were clearly taken at the wrong time of the year. Three summers passed, during which there was ample opportunity to carry out subsequent monitoring to see if our objections made sense, but they declined to do so.

A few online searches brought us into contact with numerous residents who had been confronted with similar, though mostly smaller, developments in close proximity to their homes and felt this had wrecked their lives. Almost unanimously they implored us not to believe the assurances given by wind farm developers about no significant noise problems or not losing the value of one’s home. Their biggest regret, we were told again and again, was that they had initially supported the developments near their homes, not realising the problems they were to encounter once the turbines were up and running. When I put this to

the then project manager – during a visit to our home – his answer was that a R.I.C.S. survey had concluded that house prices near turbines did not fall, but might actually rise. ‘My wife xxxx and I are looking for just such a house as yours,’ he said encouragingly, but when I put it to him that he was welcome to make us a fair offer, he quickly backed off.

‘Because of the limited data available the findings require a degree of caution!

This is only one study, and as more wind farms are built, more property will become proximate. Therefore, a cautious approach should be adopted until a larger and more in-depth study can be undertaken,’ so ends the 2007 R.I.C.S. report, based on just two rather ancient wind farms in North Cornwall: the 16 Bear’s Down turbines are just 57 metres high, while the 11 St. Breock turbines are only 48 metres to the tip.

The report compares actual sale prices of properties ‘*in view of*’ the wind farms, with similar properties ‘*not in view*’ of a wind farm. So any property which failed to sell due to close proximity to turbines would not have formed part of this survey!

‘To some extent, wind farm developers are themselves avoiding the problem by locating their developments in places where the impact on prices is minimised, carefully choosing their sites to avoid any negative impact on the locality,’ conclude Mr Peter Dent and Dr Sally Sims, the authors of the report. So by selecting these two possibly untypical wind farms, Bear’s Down and St. Breock, there is absolutely no reason to assume that this report gives an accurate picture. Yet this very report is referred to time and again by the DECC as well as by the industry as conclusive proof that property prices are not affected by close proximity to turbines, giving them a licence to dispense with any measures to ‘*avoid the problem by localising their developments in places where the impact on prices is minimised*’! Obviously the situation varies from case to case, but to pretend that no properties close to turbines lose any value or might actually be unsaleable is quite clearly a gross distortion of the truth.

I hasten to add that The Noise Abatement Society (NAS) reported serious problems at Bears Down Wind farm and issued a stark warning that public health could suffer from low frequency noise and a possible hum.

Here is a quote in the press from NAS’ managing director Lisa Lavia on 17 January 2010:

‘Complaints about the health effects of onshore wind farms have seen a “significant” increase in recent years. Locals near the wind farm at Bears Down in Cornwall, for example, say they have experienced headaches, migraines, nausea, dizziness, palpitations, tinnitus, sleep disorders, stress anxiety and depression.’

No one can tell me that this does not have a negative impact on the value and saleability of the homes of residents living in really close proximity to the Bears Down turbines and the problems date from long before the R.I.C.S. report: as far back as 16 October 2001, Patrick and Phoebe Lockett residents of Wadebridge wrote to the Western Morning News:

‘We live near the Bears Down wind farm in North Cornwall, where there are 16 turbines between 750 and 1400 metres from our home and we are subjected to intrusive noise. When the wind direction is south to south-westerly, there is a rhythmic thumping sound which disturbs us and our neighbours in our homes and gardens day and night.’

As yet no ‘*larger and more in-depth study*’, has been undertaken and Mr Peter Dent and Dr Sally Sims advice to adopt ‘*a cautious approach,*’ is disgracefully ignored.

What is also ignored is RICS’ paragraph on their very own website,

<http://www.rics.org/site/scripts/faqs.aspx?categoryID=358&faqID=2819>

which reads: ‘*a recent landmark case has shown evidence that house prices are affected by the close proximity of wind turbines. A council tax appeal ruled that Jane Davis will get a discount on her council tax because her home has lost value as a result of a turbine. This ruling could be regarded as an official admission that wind farms have a negative effect on prices.*’

In the spring of 2009 my wife and I decided that, rather than face years of fighting the Nantymoch wind farm proposal and having to put up with several years of construction noise and pollution to our water supply from one of the proposed access roads which would run in a half circle close around us, we'd put our house on the market.

We did not reveal the proposed project to the Estate Agent until he had informed us of the estimated value of the property, which he put at £ 300,000.—. When we informed him of the wind farm project, immediately after he mentioned this sum, he told us that his only experience of selling a property near a wind farm had been a house much further away from turbines which were far smaller than the ones proposed near us, but yet it had taken an excessively long time to conclude a sale. Though it was unlikely potential buyers actually heard any turbine noise at that distance they were not convinced it was not present. In our case: what made our house so utterly unique, in his opinion, was the total absence of any noise- or visual nuisance.

So despite his estimate, when it came to actually putting the property on the market the Estate Agent told us he could not agree to marketing it at its full estimated value as he felt that, under the circumstances, this would no longer be a realistic asking price.

There is absolutely no doubt whatsoever that we would have had no problem selling the property, even at a higher price than the Agents' estimate, except... viewers soon backed off the moment we informed them of the wind farm plans. In the first two months that we had the house on the market the Estate Agent did not reveal the wind farm proposal to potential buyers, so they knew nothing about it until we informed them, as is our legal duty, directly after they had viewed the property. From the moment, towards the end of May 2009, that the Estate Agent did start informing potential buyers, we had no more viewers.

Here is a letter from the very first potential buyer who came to see us, less than twenty-four hours after our house came on the market! We are still in contact with her. She has now bought a house in an almost identical location, though even more remote and within the Snowdonia National Park:

Dear xxx and xxx

Thank you for your hospitality. I'm so sorry I can't buy your house because of the proposed wind turbines and so disappointed because, at the moment, this is the loveliest and most peaceful place I have ever seen, a wonderful area for local people and those from away to enjoy and to recharge their batteries.

What the planners propose is absolutely abhorrent, it will devastate the land for all future generations, devalue property and I don't know how it can possibly have happened.

I'm so sorry also that after all your work you find it necessary to move from here.

Good luck and best wishes.

K. E.

It was our Estate Agent who, in the end, advised us to take the house off the market. As it was by now quite clear that there was absolutely no way we could hope to sell the house at a price anywhere near the sum we needed to find a property even remotely in the same category, we readily agreed. Having to show potential buyers around your house while fervently searching for a new home and at the same time desperately trying – in vain – to

make the wind farm developer and their consultants see sense about the closest turbines is an extremely distressing experience.

But when, two years on, we had still not been successful in persuading the wind farm developer and their consultants that erecting turbines close in front of us would be far too intrusive and likely to lead to serious sleep deprivation, we felt we had no choice but to put the house on the market again.

When we contacted the Estate this time it was explained to us that they were not keen to incur much further expense on a property that might prove very hard to sell. They sent us a list of previous viewings, which showed we had had 7 viewing in the first 7 weeks before the Estate Agent revealed the wind farm project to potential buyers. Four of these viewers had informed the Estate Agent that it was the proposed wind farm development that had put them off buying the property. The Estate Agent ends this viewing list with a note:

‘As this clearly shows, almost all of the viewers were deterred from making an offer on the property due to the wind farm development. Whilst we are more than happy to begin marketing the property for you again this year, we feel that we may be faced with the same issues.’

On 24 September 2011 we discovered that our house was very high on Zoopla’s ‘*most popular properties in Wales list*’, most viewed online that is. Yet, despite the many enquiries at the Estate Agent, we only had two viewers in the three months it had been back on the market, one was extremely keen to buy, but declared it was the projected wind farm project that made him decide not to go ahead. The other viewer, the brother-in-law of a farmer who was to have 9 of the turbines on his land, claimed to have no problems with the projected turbines, but did not make an offer.

So we are stuck in a position where, if the project goes ahead, we are unable to move from here even if ill health or old age requires us to do so.

If given the go ahead the communities around the wind farm stand to gain some £7,500,000 in community obligations, whether they are negatively impacted by turbines or not!

Despite plenty of proof that properties in real close proximity to turbines are almost impossible to sell, DECC and industry doggedly continue to claim that properties ‘in view of a wind farm’ do not lose any of their value. No distinction is made between properties at, say, 5 miles from a wind farm or those in really close proximity.

Yet, as has already been established in Court: anyone who sells a property without informing the buyer of a proposed wind farm is liable to pay compensation for... loss of property value!!!

We are simple pensioners dependent on our state pension supplemented by a little interest from our life savings. A good part of our income has already been taken away from us as, for the past three years, we have not been able to invest our savings properly just in case we will somehow find a property to move to, but in the unlikely event that we really would find a property we could afford it would, without a doubt, deplete our savings, leaving us wholly dependent on our state pensions for the rest of our lives! What has been our dream home for 35 years – and our life annuity – has now turned into an absolute nightmare. Unless a proper solution is found for us, we are stuck here.

‘If individuals feel that they have evidence to substantiate a claim of property blight they are of course at liberty to seek legal redress through the courts,’ was former Welsh Assembly Government environment minister Jane Davidson's department's reply to my letter expressing our well-founded concern. So how, as an innocent individual of average means, is one

supposed to take on a huge wind farm multinational?

In his letter to me dated 24 August 2010, Mr Lawrence Avery, Wind Turbine Noise Policy Adviser at the Department of Energy and Climate Change put it like this:

‘The English planning system is designed to protect amenity and environment in the public interest, balancing all relevant social, economic and environmental considerations. Of course, not all development will meet with the approval of those who live near it. However, the planning system does not exist to protect the private interests of one person against those of another, although the protection of individual interests is an important aspect of the public interest as a whole and private interests may coincide with public interests in some cases. When a local planning authority considers an application for planning permission, the basic issue is not whether a particular development might cause financial or other loss to certain owners and occupiers in the locality.

Mr Avery fails to say whether the situation in Wales is the same as in England, but we must presume it is. So according to DECC’s Wind Turbine Noise Policy Advisor the planning system is thus designed that residents who lose the value of their homes due to close proximity to construction access roads or turbines can officially go to hell – with the blessing of the DECC.

Yet: on 20th December 2010, during a Commons Debate about the proposed High Speed Rail link, the Secretary of State, Mr Philip Hammond’s reply to questions put by Maria Eagle (Garston and Halewood -Labour) about compensation for residents affected by the scheme was:

‘The hon. Lady asked about the compensation scheme. I have indicated that we will seek to go further than has happened with previous such infrastructure schemes in the UK, because it is right and proper that individuals who suffer serious financial loss in the national interest should be compensated. She also asked whether we will be setting a precedent in that regard. She should be aware that developing European jurisprudence in the area of property rights and the need for Governments to compensate is pointing towards more generous compensation becoming the norm, and I suspect that that will be the case for future projects.’

Surely, should the IPC conclude that it is indeed in the National Interest for the proposed wind farm to go ahead, this would put residents like us in precisely the same category as the residents Mr xxxx refers to and we should be properly compensated. This is entirely supported by Case Law on the subject of nuisance suffered in the public interest:

‘Acting in the public interest is no bar to action for nuisance. Though in the public interest someone committing a nuisance may still be subject to injunctive action or damages (Shelfer v City of London Electric Lighting Company [1894]). This principle was finessed in Dennis v Ministry of Defence [2003], which decided that any public benefit should not be taken into account when determining whether a nuisance extended in fact because, in certain situations, a claimant might be required to subjugate his rights for the greater good. If, however, the public interest was considered at a later remedy stage (once the fact of a nuisance had been positively established), the nuisance could continue but the public would be obliged to pay damages for the benefit received from it.’

Our domestic water supply:

The main access road for construction traffic to this proposed 64 turbine wind farm site runs close behind our house and crosses the stream which supplies us with our domestic water.

Run-off water from a long way up flows down a gully and into this stream. As very few vehicles use this road at present this has never presented a problem. But during the proposed three to four year construction period of the wind farm we can expect some 140,000 return journeys for all sizes and types of vehicles with a possible peak of some 200 per day. There can be no doubt whatsoever that our supply would be seriously contaminated if the project goes ahead and this road is used for access. The most obvious and very simple solution to this problem would be to install a new holding tank above the road and run a pipe through the culverts and down to our existing holding tank. I have suggested this measure a number of times, but until recently the developer and their consultants have point blank denied there is a problem. In her letter 20th December 2010 the present project manager finally admits there might indeed be a problem, yet she still refuses to implement our reasonable request saying in effect that she will not take proper action until pollution has been detected (and we are drinking from a polluted supply!).

SSE's Hydrology Assessment reads:

'Door to door surveys of properties within the study area to identify the presence, use and nature of private water supplies, has also been carried out,' and 'No effects on private water supplies are currently predicted.'

However, it will be important to ensure that water quality is monitored and this will include a number of water supplies close to the development during and after the construction phase.'

This is entirely incorrect. **NO** door to door survey has ever been carried out at our house and, at the time of publication of the Hydrology Assessment, **NO** door to door survey had been carried at any of our neighbours' properties either!!!

The project manager's letter reads: *'We have sought clarification from our hydrology consultants, SKM, ', ' since your letter of 20th November. SKM are in agreement with your assessment that runoff currently runs down the road and enters the stream above Bronwion's PWS take and we have accepted mitigation measures recommended by them which will control any additional runoff generated during construction activity to upgrade the track (and the culvert crossing if this requires upgrade) and we anticipate no additional sediment entrainment within the stream. As part of the culvert crossing upgrade our mitigation measures include the directing of track runoff away from the watercourse to vegetated buffer strips which should improve on the current situation where track runoff flows direct to the stream. As mentioned in previous correspondence, during the detailed design phase for the Windfarm, which would be undertaken if we get planning permission for the project, we will undertake an assessment of the impacts that the construction may have on your water supply. If it is found that the construction will impact your water supply then we will provide a temporary supply for you. We will also monitor the quality of water in your supply and will install a temporary supply if the monitoring indicates any problems.'*

This is, of course, a complete nonsense as anyone would instantly acknowledge when shown the situation on the ground. A 'culvert upgrade' took place very recently, so there is a brand new culvert, but there is simply no way run-off water can be diverted in such a way that it would be '*directed away*' from the stream as is suggested in her letter. Water simply does not run uphill, not even in Wales! 'Monitoring' the quality of our supply gives us no guarantee whatsoever that we will not get to drink diesel polluted water from the run-off of the road. Such pollution can occur at any time after heavy rain. Tests carried out before the rain would be meaningless and there is every likelihood that our supply would be clear of pollution again if monitored a few days later. '*Monitoring the quality of our supply*' gives us absolutely no

guarantee that we will not be drinking heavily polluted water at least some of the time! What on earth is the point of installing a temporary supply if there is a perfectly simple and permanent solution which would do away with all need for monitoring, namely by abstracting the water from above the access road? Why are they so bent on creating a very serious problem while there is a perfectly simple solution to prevent all problems?

My utterly reasonable solution to prevent anyone falling victim to property blight:

In February of 2010, a few months before the General Election, the DECC put out a consultation document to enable interested parties to have their say regarding the then draft National Policy Statement for Energy Infrastructure.

In my response document I proposed for the first time my reasonable and very straightforward solution to the problem of possible property blight from close proximity to (giant) turbines. I believe that my proposition was utterly fair to wind farm developers and residents alike: *'obliging developers to buy the properties of any residents wishing to move away from a proposed development within two kilometres from their homes at a price somewhat above market value to compensate for loss of income, cost and inconvenience of moving, would offer the industry the one and only way to prove, once and for all, that their claim of house prices not suffering from close proximity to turbines is correct. However: should it turn out that such properties are not sold on quite as easily as the Industry makes out, it would be entirely fair for the Industry to bear the cost and not the innocent victim of such a development.'*

While totally fair to the developer its implementation would afford residents faced with wind farm proposals in close proximity to their homes the security and peace of mind they are entitled to in the knowledge that they won't be losing everything they have ever worked for should the plans go ahead.

The Department of Energy and Climate Change:

Between 1st February 2010 and 31st January 2011 I kept a daily record of the percentages contributed to the National Grid by wind turbines, on- and offshore, as shown on <http://www.bmreports.com/bsp/bsp.php>. According to this site the monthly averages in this period were 0.74% for February, 1.09% for March, 0.88% for April, 0.5% for May, 0.6% for June, 1.3% for July, 0.95% for August, 1.78% for September, 1.87% for October, 1.64% for November, 1.11% for December and 1.46% for January. There were 125 days when the site showed a contribution of 0.5% or less.

I sent an email to the Department of Energy and Climate Change to inquire why the figures which I had recorded did not tally with those given out by the DECC and the Industry. The reply I got was that wind turbines 'generate' around 70-80% of the time! As such a statement is totally meaningless if not accompanied with accurate information at what output turbines actually generated I sent another email to the DECC to point out this fact. The answer I received this time came from a Mr Matt Valentine of the DECC Correspondence Unit.

Though Mr Valentine had never written to me before, his letter, attached to an email, read: *'I note what you say, however I do not feel that there is anything I can add to my earlier reply.'* It was only recently that I took another look the attachment and noticed the title Mr Valentine had given to this document: *'08697 (my reference number) – repeat offender on wind.doc'*. Please find Mr Valentine's letter attached.

Xxx xxx xxx

Bronwion, Cwm Einion, Furnace, Machynlleth, Powys SY 20 8TD

2011-12-14

To Whom It May Concern,

The Talbot Wind project (100 MW in Chatham-Kent, Ontario, Canada) began functioning around our home last Christmas . There are 27 industrial wind turbines operating within 5 km of our home, and 41 turbines within 10 km. The nearest turbine is approximately 1.5 km from our home. The turbine model is Siemens 2.3 MW. The following points outline the effects the turbines are having on us:

- The turbine noise is very excessive and annoying, at times it can be heard inside our home with all the windows and doors shut. We have been forced to sleep in the basement and other unusual areas of our house to avoid the noise. We have been unable to enjoy summer nights of sleeping outside.
- My husband is experiencing sleep disturbance.
- My son has recently experienced a severe asthma episode (after many years of being asthma free) and has been prescribed adult dosages of corticosteroids -- he is only 10 years old. The World Health Organization recognizes that noise is a stressor contributing to asthma in children.
- Pre-turbine noise monitoring found that night time levels of noise were approximately 25 dBA, post-turbine noise levels around our home are now often above 40 dBA at night. We have been unable to enjoy our property like we used to due to the annoying turbine noise.
- I am experiencing ear and jaw joint pain, ear crackling and popping -- as would be experienced with altitude changes. I have also had a sensation of my ears “unplugging” shortly after the turbines in our neighbourhood are shut down. These symptoms are correlated to wind speed and direction.
- At every opportunity, prior to construction, the Ministry of the Environment (MOE) and the project proponents (Renewable Energy Systems) were made aware of the problems with the noise modelling used to determine turbine setbacks and the MOE’s inability to monitor for compliance with noise guidelines.
- We have made over 70 calls to the MOE to report incidents of noise pollution (many of which went on all night long) and the local MOE officers have said that there is basically nothing they can do at the local level – they have no means to monitor compliance with noise guidelines.
- People have refused to visit or stay at my home because they experience negative health effects near wind turbines.
- Family pets display unusual and agitated behaviour depending on wind speed and direction.
- Our neighbourhood has experienced several large voltage surges since the wind turbines became operational – damages have been costly to repair and the incidents (flames shooting from receptacles etc) are frightening.
- Our quality of life has been very negatively affected by the wind turbines.
- Many of my neighbours are experiencing similar situations and some are more severely affected.

- Our home is no longer the quiet, healthy refuge that we have worked and sacrificed to build.
- I am very worried about the long term affects that the wind turbines will have on my family (especially my young son, whose school also has industrial wind turbines nearby).

Prior to the construction and commissioning of the Talbot Wind project, the MOE, all levels of government, and the wind proponent were told the noise models had severe shortcoming. They were also told that the MOE had no means or protocol to monitor for noise compliance. Yet still, the project went ahead.

Prior to the construction and commissioning of the Talbot Wind project, the MOE and all levels of government and the wind proponent were also told that adverse health effects and reduced quality of life were being experienced in the vicinity of existing wind turbines. Yet wind projects continue to be built.

The MOE, our government and the wind company has knowingly placed my family (and many others) in a harmful situation and knowingly left us with no means of resolving the problem.

All industrial wind turbines currently operating must be shut down and no more built in order to protect peoples' health. It is time for a full public enquiry into the industrial wind industry around the world.

Sincerely,

XXX XXX BSc (Agr) MSc

Ridgetown, ON

N0P 2C0

Canada

Impact of Talbot Wind Project (100MW in Chatham-Kent, Ontario, Canada)

Please note that only impacts that have been personally communicated to XXXX and xxxx XXXX are presented.

Numbers correspond to circled numbers written on the RES Figure 7.6

- 1: disturbed sleep
- 2: disturbed sleep, nausea, headaches
- 3: this was supposed to be a lot for a retirement home... but not now
- 4: resident wears earplugs to bed and can still hear turbines
- 5: can hear turbines inside home
- 6: can hear turbines inside business
- 7: wind company has hired acoustics firm to monitor noise here
- 8: wind company has hired acoustics firm to monitor noise here. Residents feel they have been deceived regarding the noise impacts of the project.
- 9: sleep disturbance, excessive noise, night time noise has gone from 25 dbA to often over 40 dBA, new jaw joint and ear pain and popping, sudden severe asthma episode
- 10: TV, phone interference, disturbing noise, swirling winds
- 11: hear turbines all the time, increased headaches (these people sold the home and moved recently)
- 12: "like living in an airport" now
- 13: headaches and nausea depending on wind direction
- 14: hear turbines in home, installed blinds, built a waterfall to drown out the noise
- 15: disturbed sleep, excessive noise

- 16: excessive noise, installed central air because it was too noisy with windows open, sleep disruption, wind company hired acoustics firm to monitor noise
- 17: sleep disruption
- 18: excessive noise, can hear turbines in the house with the TV on
- 19: voltage surge resulted in property damage
- 20: voltage surge resulted in property damage