To Whom it May Concern

Dear Sir/Madam

Submission to Dept of Economy

Call for Evidence on Energy Strategy.

How do we feel about our submission to the Dept for the Economy Call for Evidence on Energy Strategy?

Our submission will certainly be different from any other because we are collateral damage for renewable energy. A family of six not quite a number the Dept of Economy would really care or worry about, but then who does?

Yes, our neighbours many of the local communities, those who are aware, No let us rephrase that because there were neighbours who were aware.

Money at the expense of innocent families.

Who wanted to get rich off something that could be damaging our health and that of local people?

Those who aided and abetted the wind companies, who else is going to accept responsibility?

First of all from its beginning this has been mostly developer orientated. Developers their QCs, lawyers and highly paid consultants have absolutely no respect for families or communities, who are just collateral damage in the name of so called clean green wind energy.

Electricity powers our homes and businesses. We rely on it for pretty much everything that we do. Cooking, lighting, entertainment, work, exercise, reading, communication, the list goes on and on. We are accustomed to having safe, healthy, instant and usable clean electricity. We should never have to question the state of electricity/ power.

Electricity plays a central role in the quality of life we now enjoy. In particular, many of the dramatic improvements in health and wellbeing in our homes and at work that we benefit from today could not have happened without a reliable and affordable electricity supply.

Most homeowners have not given much thought to the electricity supply that comes into their home. Not many people do. We take it for granted because it is not something that we can see or hear. We have the expectation for the power that the providers deliver to our houses to be safe, and we also need the electricity to work seamlessly to power our equipment. But what happens when we experience problems with our health for no apparent reason, something is affecting us.

What do we really know about grid connections for renewables to the substation We know that the wind industry speedily rolled out their plans for renewables for wind turbines, windfarms, solar farms a multimillion trillion-pound industry backed by government all who were fully aware of the devastation and suffering this would cause to both humans, birds, animals etc.

We know: That our very existence was never considered when it came to the wind industry

There is no doubt in our mind that we were completely ignored, our basic human rights trampled upon,

It is stated by experts all over the world that some of the issues surrounding wind power health issues, stem from either electrical pollution caused by turbines through their distribution system, or the low frequency noise that comes off the blades. These experts say people from have fallen ill to what he called 'Wind Turbine Syndrome' and 'Electrohypersensitivity' caused inaudible noise and "dirty electricity" polluting the electrical systems of homes within range of wind turbines.

They have stated people have had to shut their power off, or in worst cases move from their homes. In many of these cases those people have been unable to sell their homes.

These experts have detailed presentations with photos and figures to back up their claims, along with examples of electrical tests in the area, also stating that "Harmonic Distortion' is something that has been acknowledged by wind companies, although they dismiss the other impacts, they said.

These experts have also stated that they found the presentations "deeply troubling" and said the data should be used to continue the wind power debate in all areas.

Who exactly is responsible? For the situation we find ourselves in.

Who is responsible for our health and wellbeing?

We shouldn't have to be an electrical engineer to protect ourselves from electricity."

Is the substation beside our home which we know now is a grid connection point for wind turbines, solar panels, causing pollution which can have a very detrimental effect on health?

It is just as dangerous as polluted water delivered to homes taps, ***"Dirty Power"*** delivered to your home causes a significant health risk to the homeowners.

Here are just a few points to consider.

What scientific research has been produced to prove that this industry and its connections are not causing neurological illnesses?

Many scientists have produced overwhelming evidence on infrasound and damages to health of those living near turbines, this evidence shows the devastation this industry and all connected to it will and is having on human health life etc.

Where has a study re the change to status to substations for connection of wind and solar power being completed? Where is the report that states this is safe?

All shows that there is missing key information, that safety limits, investigations, were not considered at any time even from a construction of a substation 24m from our door,

We are torpedoed onto a path which has involved us spending countless fruitless hours seeking answers from medical establishments and government agencies, innumerable amounts of time conducting our own research, followed by a quest to seek answers from those in authority. We have been fighting this and asking questions for more than seven years and basic safety information has been withheld, indeed never at any time from 1980 was there any emphasis put on safety, yet we are told a high level of protection is in place but as far as we concerned we were and are just guinea pigs, our lives, our health, our home and our future does not matter.

Unfortunately, Governments, those in planning, those in environmental health, and statutory agencies appear to be focused only on the so-called perceived

benefits of these industries (and money) without considering any potential long-term health implications that they may bring.

It is obvious in our eyes that there is no desire to uncover the truth because of the legal implications to governments and those in power around the world. Everyone pointed the finger at one another refusing to address our health issues, the permitting issues or any of our grievances. This is unacceptable we do not want to be harmed; we do not want to live in fear. We are collateral damage in the name of so-called green energy.

We need decision makers to investigate and understand that "business as usual" is unacceptable. The importance of this very serious human and environmental health issues what has and is happening to us cannot be underestimated.

Every responsible elected official owes it to his or her constituents to make sure the guidelines are correctly updated. It is well past the time that fully independent studies funded by those government agencies whose charter it is to protect its citizens so that the truth about the very damaging health hazards of the wind industry, power lines, pylons, substations. and electrification becomes clear and well known.

There are many examples of the failure to use the precautionary principle in the past, which have resulted in serious and often irreversible damage to health and environments. Appropriate, precautionary and proportionate actions need and should be taken now to avoid even more plausible and potentially serious threats to health as a result of every aspect of this wind industry.

So we respectfully ask you to reply.

Is this what a family has to do to protect themselves and their health in their own home because of wind industry, we can use the same words as those speaking about climate change in Ireland "it is much worse than you think"

We find that our symptoms are worse in our home environment.
In our situation it is a case of mocking those who dare object. Is ignoring us irresponsible deception?

NIE, planners and those in Environmental Health proceeded with grid connections for renewables beside our home without serious examination of its long-term impact on human health, animal health, or indeed the environment. Is the toxics we exposed to, possibly carcinogenic to humans?

Wind Energy is so unpredictable, so is it possible to accurately simulate the effects in the real world."

As our largest organ (~20 square feet), the skin is not a "barrier" but a filter that interacts with chemicals and EMF, that can produce systemic effects on the immune system and specific organs. Poison Ivy and peanuts need only touch the surface of the skin to set off an occasionally fatal reaction. A number of medicines are delivered through skin patches absorbed throughout the body. Babies born with jaundice are treated with intense light that penetrates through the skin to their blood that becomes transformed in their livers.

As with all drugs in medicine or chemicals in the environment, biological impact depends on who gets exposed to how much under what specific conditions. For instance, a fair-skinned baby and her darker-skinned mother can have the same exposure to the sun with profoundly different results.Several of the consultants experts have in fact published research directly funded by the wind industry and their affiliates— the very companies spearheading this industry influence those in power and are not independently funded.

Wind Developers and operators should not be given a free rein to impact on people's health, their homes and their future, who is holding them accountable? Wind developers and operators should not be given a free rein to kill birds, bats, and insects and to disrupt the ecosystem. They should be held accountable for these deaths and be fined as any other industry. The problem will only get worse as more wind farms are forced onto the grid as state mandates for renewable energy are achieved.

This is a threat that starts at the highest levels of government, involves billions of taxpayer pounds, and benefits no one except the world's largest energy companies.

Sounds good clean green renewable energy, saving the world, that's what the majority believe but they are not the sacrificial lambs, they are not the guinea pigs. This was a threat that impacted on our privacy, our business, on our past, present and future, our freedom but more importantly our health.

What's so insidious about this new threat is how innocuous it seems on its face. Here's how they sell it to us: Clean green energy installed by professionals, designed to save energy, and eventually help save the world. Who wouldn't want to be a part of that? Who are we to dare complain?

If that's what these wind turbines actually did, if all the promises were true, then anyone who cares about their families, their futures, and the future of the planet would be crazy not to get involved.

The facts, though, are clear. That's NOT what these turbines actually do.

They are instead a full-fledged onslaught on your health, your privacy, your safety at home, your very future, and your freedom to make the best choices for you and the ones you love. A key concern is that these turbines generate both audible (**noise**) and inaudible (**infrasound**) sound waves. They can also generate poor power quality, known as **dirty electricity**, and can contribute to **ground current** problems.

Keeping wind turbines away from where people live, and work is essential to minimize these adverse health effects. While the exact distances are not known and may differ in each location, scientists in Europe recommend between **1.5 to 2 km**.
Professor Magda Havas from Trent University in Canada says that wind turbines generate dirty power as the electricity is converted from DC to AC and this can get onto wires coming into people's homes. We were told

Living close to a substation is like living close to a sewage treatment plant. It is the collection point for all the electrical pollution coming from upstream. If wind turbines are connected to the grid, your pollution and exposure will worsen, since the turbines need inverters to change the DC to AC to be grid tied. These all produce electrical pollution.

The above is just one of several answers we received all advising same GET OUT

Health is to be understood "as a satisfactory measure of functional capability in physical, mental, social, and economic regards and the ability to take care of ones self until an old age" (WHO 1987)

Good public health policy requires preventative action proportionate to the potential risk of harm and the public health consequence of taking no action.

Each person's situation is different and each of us has to work out our own balance between the convenience of mobile phones, wireless products etc and reducing the risks.

In our situation we did not get a choice

Not all studies are independent.

Have a look at the list of brain tumour studies to see which ones are independently-funded. The independently-funded studies that included long-term mobile phone users found an association between mobile phone use and brain tumours, while mostly industry-linked studies found no association, normally having only studied short-term users.

When an industry wants to discourage concerns about safety, it can muddy the waters by funding research that shows no association, thereby leaving the press and the public confused and uncertain whether they need to act. Sometimes it is not obvious that they have funded the research.

The big corporates with significant financial interests in the mobile phone and wireless markets, have skilled PR and other staff able to work the system to the advantage of their corporate interest. Independent scientists and public interest groups, like us, rarely have the resources to counter this effect

Some studies have small samples. While this reduces the weight they should be given, in our view a small independent study is sometimes more trustworthy than a larger industry-funded study.

There is now almost no independent funding of research into the effects of wind industry and certainly nothing for the situation we find ourselves in in the UK. The industry-funded studies dominate in terms of number and consequently dominate the way the public health agencies assess the risk and the way the media reports the risk.

Don't rely on what you read in the papers.

Science is complex and studies are not always easy to interpret. Sometimes the media misunderstands.

The Precautionary Principle

The EU including the UK signed up to the concept of the Precautionary Principle back in 2000.

The subsequent 2011 IARC 2B classification for all RF (i.e. Microwaves etc.) exposure is stronger than is needed for precautionary action. And that is just for cancer.

"The precautionary principle applies where scientific evidence is insufficient, inconclusive or uncertain and preliminary scientific evaluation indicates that there are reasonable grounds for concern that the potentially dangerous

effects on the environment, human, animal or plant health may be inconsistent with the high level of protection chosen."

Don't assume the government will warn you

The government has to strike a difficult balance between protecting public health and protecting the economy, so it doesn't just have our children's health at heart.

Businesses can put financial pressure on government and have influence through their networking and lobbying arms. A perfect example of this: The mobile phone industry contributes about £15 billion a year to government finances. Coupled with expanding tax revenues from the fast-growing wireless industry, and further jackpots when licences are sold off (about £22 billion when they sold off the 3G licences in 2001) these discourage the government from alerting the public to the possibility of health risks.

An example is

Swiss Re and Lloyd's have compared 5G and wireless to asbestos as "high" risk and most companies will not underwrite coverage for health damages.

Do you know the difference between connections for homes and businesses and that of renewable energy such as turbines and solar panels?

We also are aware that NIE are duty bound to provide a connection, but at the same instance they, those in power and statuary agencies are fully committed to protecting the health and Safety of the people they serve.

Your Safety Principles are Leadership, Competence, compliance and Engagement. The plan Do, Check Act principles of HSG-65 are an integral part of delivering your Health, Safety and Wellbeing.

Can we respectfully ask you Did we not deserve consultation and explanation re this important change and development?

Until the recommended studies are completed, developers and planning authorities will be negligent if human health is damaged as a result of their proceeding with, or allowing to proceed, in our case grid connections and also further construction and approvals of turbines within a recommended distance to *homes proceeding otherwise has already and will result in serious harm to human health.*

We remind those in positions of responsibility for the engineering, investment and planning decisions about project and turbine siting that their primary responsibility is to ensure that developments cause no harm to adjacent

residents; and, if there is possibility of any such harm, then the project should be re-engineered or cancelled. To ignore existing evidence by continuing the current practice in our case both the grid connection to substation 24m from our home plus the siting of turbines close to homes is to run the dangerous risk of breaching a fundamental duty of care, thus attracting grave liability.

Government bureaucracies including departments of health, planning and noise pollution have consistently failed to protect, but also to investigate the position we have found ourselves in, and failed to investigate and act when serious health problems including exhaustion, fatigue and neurological health issues and the fact we were advised by EMF protection companies to abandon our home.

Why have we kept quiet?

Who is going to believe us just ordinary people? When our objection to LA10/2016/0143/F a planning application for extension to substation (WITHOUT ANY CONSULTATION) did get Ulster Heralds media coverage, the slandering of my parent's name, the downgrading comments, how we were mocked and laughed at no human being could withstand this mental and physical onslaught on our private family life.

First and foremost, we cannot believe the situation we find ourselves in, no company no person in power surely could keep quiet, or ignore warning signals that something is wrong, or could they?

Just exactly what type of situation are we living in?

Are we being abandoned by the systems we expect to protect us?

"*…Where there is a reasonable possibility that public health will be damaged, action should be taken to protect public health without awaiting full scientific proof.*

Due to a lack of remedy and a failure of the systems to accept responsibility for the care and protection of ourselves in this unusual non investigated position we feel like 'lab rats" or "guinea pigs". *In order for research to be ethically acceptable, it must be scientifically sound. If research does not have sufficient scientific merit, generalizable knowledge cannot be anticipated and the reason for undertaking the research vanishes. Even a negligible risk of harm resulting from research that may not yield meaningful results is inherently unethical.*

We know the dangers of mobile phones, microwaves, other electrical equipment wireless radiation etc. but in the usage of these we have the choice.

In this we did not get the choice.

https://www.bbc.co.uk/news/science-environment-49567197

Guess what

The circuit breakers were leaking gas at this substation and had to be dealt with, We have the proof the details, the visits throughout the night were we approached and informed? No we had to ask and find out for ourselves.

Do you agree? We are collateral damage in the name of so-called green energy.

A threat that involves…our health, our privacy, our basic human rights, our animals, our farm business, our past and future and so much more.
Scary, right? That's not even the half of it.

We've had enough. We are going to educate you on the problem by our very different submission and invite you to be part of the solution. You will need to find your courage, just like us. We can do it together. It's your choice if you answer us or not.
Who can we hold accountable for being complicit with a crime that is stealing our lives.?" Do we deserve to be collateral damage for industries shrouded in deception?
We are part of another residents Group submission as ours is something which probably will be ignored

Have any lessons been learned from the RHI scam? Should there not be a further Inquiry into all sources of renewable energy generation before the Dept of Economy continues down this road?
We have not even touched on the other health and ethical issues associated with wind turbines as we feel this energy strategy is probably pre-determined by big business.

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