

Comments to Massachusetts  
Department of Environmental Protection  
March 18, 2012

Kenneth L. Kimmell  
Commissioner, Department of Environmental Protection  
One Winter Street Boston, MA 02108

John Auerbach  
Commissioner, Department of Public Health  
One Ashburton Place  
Boston, MA 02108

Dear Commissioners Kimmell and Auerbach:

**OVERVIEW - WIND TURBINES CAUSE ADVERSE HEALTH IMPACTS**

**THE SIMPLE TRUTH**

There is increased political pressure to construct industrial wind turbines in neighborhoods throughout MA.

MA DEP released a document that is far less than honest. The DEP panel review of a small amount of literature that was cherry picked by the biased pro-wind panel of so-called 'independent experts' from the hundreds of documents that were submitted.

This 'review of literature' must not stand. From 'a to z' it is fundamentally wrong. From the first word in the report, 'independent', it is false.

**Furthermore, since MA DEP and MA DPH are charged to protect the citizens of MA from harm, PROVE TO THE CITIZENS OF MA THAT WIND TURBINES DO NO HARM TO PEOPLE. THE DEP PANEL DOCUMENT RELEASED DID NOT PROVE THAT WIND TURBINES CAUSE NO HARM. Why? Because they can't do that. There is no proof.**

**The truth is that wind turbines adversely impact the health of people, and they do so all over the globe. Therefore, the documents that the DEP panel was willing to put their names on should be disregarded and discarded.**

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Since the June, 2, 2010 letter to John Auerbach, Commissioner of MA DPH, MA, citizens have called on DPH and DEP to conduct a truly INDEPENDENT epidemiological study in Falmouth, MA.

It is my understanding that there is a cluster of people, that includes approximately 50 families who live in Falmouth, MA and are experiencing adverse health impacts. There are other towns in MA where people experience the same symptoms as the people living in Falmouth, MA. These people live and work in close proximity to industrial wind turbines. The MA citizens were not experiencing these symptoms prior to the operation of the industrial wind turbines. When these MA citizens leave their homes they do not experience the symptoms. When they return to their homes they once again experience the same symptoms.

Wind Turbine Syndrome symptoms are outlined by Nina Pierpont, MD, PhD. in the attached poster. Some symptoms “are sleep disturbance and deprivation, headache, tinnitus (ringing in ears), ear pressure, dizziness, vertigo (spinning dizziness), nausea, visual blurring, tachycardia (fast heart rate), irritability, problems with concentration and memory, and panic episodes associated with sensations of movement or quivering” inside the body that arise while awake or asleep” See attached poster: **Exhibit A, Wind Turbine Poster**

Massachusetts citizens have urgently appealed to Mass DPH and Mass DEP to ‘go out and do the research’. Find out what is happening and STOP the reason why these people are sick. If there is a health issue in a community in MA, why do we have MA DPH or MA DEP? These agencies were established by the citizens of our Commonwealth, these agencies are funded by the citizens of our Commonwealth to PROTECT the citizens of our Commonwealth.

Both agencies have neglected their duty of care to the citizens of MA to protect our health, safety and well being for almost two years that I know of regarding the universally known FACT that wind turbines cause adverse health impacts to humans.

See attached letter: **Exhibit B**, signed by me and other health care professionals, and community leaders from Cape Cod and the Islands.

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**The panel assembled by DEP / DPH in complete secrecy was not interested in the truth. They were only interested in criticizing evidence which demonstrates that there are adverse health problems caused by wind turbines. They didn't even bother to try to validate their assumptions or questions, but just did the best they could to discredit research from around the world that has consistently identified serious health risks caused by wind turbines.**

**The report is exactly like the decades of reports produced by the tobacco industry as a smoke screen to hide the evidence of the health problems caused by tobacco. The tobacco industry for decades hired its army of 'independent experts', i.e. doctors and scientists.**

The panel was convened by the DEP in response to citizen outrage at siting wind turbines too close to people and the adverse health impacts that have resulted in people living in proximity to the turbines.

A number of the panel members are biased even though DEP claims they are 'independent'. **The panel was selected in secret. The panel met in secret. No records of panel meetings were made public. No members of the public were able to speak to the panel members. The panel members did not meet with any of the citizens in Falmouth and other communities in the state who have suffered health problems since the turbines began operation.** MA citizens continuously and vocally protested to DEP throughout many months regarding the above points.

**Although ample evidence was submitted to MA DEP during the comment period by MA citizens and from people around the globe to conclude that there are adverse health impacts to humans when wind turbines are sited too close to people, the panel put their name to a document that is a complete whitewash.**

Wind Wise ~ Massachusetts (WWMA) continues to advocate for "a rigorous epidemiological study by a truly independent team of experts [as] essential" as per the press release sent out following the release of the MA DEP panel document.

See attached press release: **Exhibit C**

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**IN GENERAL**

I find it completely negligent on the part of DEP/DPH that their biased experts criticized selected studies in such a way that people reading the studies may conclude that something is wrong with the selected studies' methodology and/or conclusions. Clearly the panel should have erred on the side of caution to see if there are any chances that wind turbines can adversely impact people, and if so, then use the **precautionary principle** to protect the health and safety of people, not carefully craft wording to lie by omission, write half truths and or out and out misrepresent the truth.

We in Massachusetts are headed down a slippery slope where the politicians and their corporate allies are hell-bent on stripping away the rights of citizens and usurping the protections afforded by state agencies like DEP and DPH. We have seen what has happened in New Zealand when a government imposes its will on its citizenry full well knowing that it is destroying small communities, the environment and the health and safety of its citizens. It is a very sad situation.

In our state we have now seen the extent the Patrick Administration will go to meet its goal of 20 % renewables by 2020. Already DEP has shown that it does not care about the families in Falmouth who are adversely impacted from a health standpoint.

**ONE EXAMPLE**

I do not want to lend any credibility to the document that the MA DEP panel was willing to put their name on, but I would like to draw attention to one study that was pointed to:

**THE NEW ZEALAND STUDY**

People are asleep when they are woken up by wind turbines. It is dark when people are sleeping. The statements about visual impacts of wind turbines and information in this study do not hold up. (Yes, even though most people would just assume differently, the data about visual impacts of wind turbines are that literal. There is some data that suggests -- does not

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prove -- just suggests, that when people see the turbines, that this causes stress.) So the panel did not analyze the NZ study properly. Sleep disturbance was not caused by visual impacts, it was caused by some other factor. It was noise. PLEASE FOLLOW THIS THREAD BELOW ALSO.

Panel review states:“Given the findings in the Swedish and Dutch studies, this means that even if the difference in QOL scores seen are due to wind turbines, it is possible that it is driven by seeing the turbines rather than sound from the turbines. Overall, the level of evidence from this study for a causal association between wind turbines and reported QOL is limited.”

The NZ study was conducted following rigorous academic standards and carefully peer-reviewed. This study is statistically valid. The sample size was statistically valid, yes small, but this is indicative of many rural communities where wind turbines are constructed.

There were a number of statements made that were worded so that one might take issue with this study. One was about the match between the control group and the Makara Valley victims. The statement about the educational levels is not valid and statistically all of these variables were carefully studied. From a statistical standpoint these two groups are a match.

This is a valid epidemiological study by a highly regarded interdisciplinary team of New Zealand scientists and a medical doctor, all working in the University system of NZ.

The lead author is an expert in psychoacoustics, which is the scientific study of sound perception. More specifically, it is the branch of science studying the psychological and physiological responses associated with sound.

The journal article was peer-reviewed and this is a highly regarded internationally recognized journal. So if it matters that the data should be presented to show the matched neighborhoods, or how many per household, or the power of the turbines, then the journal would have asked for these details.

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In fact, the type of turbines were described in the caption to figure 2, and thus one would expect that the panel would be able to look up the power output if they were so interested:

*Figure 2: Map showing a part of the Makara Valley and the relative distances between houses and 14 of the 66 turbines. The wind turbines (Siemens SWT-2.3-82 VS) have 68 m high towers and rotor diameters of 82 m (Map generated by Rachel Summers, and displayed with permission).*

**FOLLOW UP INFORMATION PROVIDED TO MA DEP AND PANEL MEMBERS:**

I personally have conducted videotaped interviews with people living in the Makara Valley, NZ. I have provided to the panel members through MA DEP a documentary film I created from these interviews as well as other interviews with victims living too close to wind turbines, industrial refugees (those who have had to flee from their homes because their health is so compromised by living too close to wind turbines) and experts in New Zealand studying these issues. I traveled to these countries, spent my time and resources, edited the footage, and worked with others to post the film online in order to bring back information so that MA could make informed decisions. The citizens of MA are not alone. People on the other side of the globe experience the same symptoms that they do.

I provided a DVD of the film ***Pandora's Pinwheels: The Reality of Living with Wind Turbines*** to MA DEP. I have also provided the online link to MA DEP and the panel members.

You can view the film at the following link:  
[www.preservelenoxmountain.org/pandora](http://www.preservelenoxmountain.org/pandora)

Here you will see the victims of the industrial wind power plant --- the wind turbines in the Makara Valley, NZ describe their symptoms. These are some of the very people who are part of the NZ study. Please pay attention to how they describe sleep deprivation. Pay attention to the nurse, midwife and senior lecturer at a Wellington, NZ University who describes the

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vibrations from the turbines and how she has chronic sleep deprivation. It is the noise, but not audible noise that wakes her up. It is like a sensation, a vibration she can feel. Take her up on her offer. Go and share her bed with her. Others in the Makara Valley have offered for you to go and live in their homes for three months. Live the life they live. The point is their lives have been ruined because there are wind turbines sited too close to people.

These people are very ill. They experience a whole host of symptoms that Nina Pierpont, MD, PhD describes as Wind Turbine Syndrome. The following symptoms have been described to me on videotape by the people in the Makara Valley: "sleep disturbance and deprivation, headache, tinnitus (ringing in ears), ear pressure, dizziness, vertigo (spinning dizziness), nausea, visual blurring, tachycardia (fast heart rate), irritability, problems with concentration and memory, and panic episodes associated with sensations of movement or quivering."

Furthermore, I have visited these people twice. I visited in January of 2011 and also 12 months later in January of 2012. The findings show that no person we interviewed in January of 2011 has gotten better if they continued to live in the Makara Valley. The industrial refugees, those who have abandoned their homes, (they have not been able to sell them) feel better because they no longer live there.

There are people who we interviewed in January of 2011 who were determined to stay. Now these people have either abandoned their homes, have their homes on the market, or leave their homes every weekend to get relief, or go away for weeks at a time to get relief, and have plans to move.

So I do have a big issue with how the NZ study was approached by the document that the panel members were willing to sign their names to. This one example alone should sent shivers up their spine. This peer-reviewed study in a highly reputable scientific journal should cause this panel to pause and question, and err on the side of caution. The NZ study should prompt the panel to call for the Precautionary Principle to be invoked in order to protect the health, safety and well being of the citizens of MA.

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**APPLICATION OF LOGIC**

**NINA PIERPONT, MD, PHD:**

And what of the lies told consistently, attempting to rob *true independent experts* of their credibility and professional integrity. Let's look at just one example from the MA DEP/DPH report. Referring to Wind Turbine Syndrome, A Report on a Natural Experiment (2009) by Nina Pierpont, MD, PhD, the MA DEP/DPH report states unequivocally: "limitations to the design employed make it *impossible* for this work to contribute *any* evidence to the question of whether there is a causal association between wind turbine exposure and health effects" (p24).

Well then! So much for Dr. Pierpont, honors graduate of Yale, MD from Johns Hopkins, PhD in population biology from Princeton. Note a different appraisal from her peer reviewers, Drs. Katz (epidemiology), Lehrer (otolaryngology), Haller (neurology), and Horn (population biology). All four reviews have been reprinted in their entirety in the book. As excerpted below:

"Your high level of scientific integrity is revealed both in your [research] design decisions and in your writing.... You have laid a remarkable, high quality, and honest foundation for others to build upon.... [Y]ou have made a commendable, thorough, careful, honest, and significant contribution to the study of (what we can now call) Wind Turbine Syndrome." —*from the referee report by [Ralph V. Katz, DMD, MPH, PhD](#), Fellow of the American College of Epidemiology, Professor and Chair, Department of Epidemiology & Health Promotion NYU College of Dentistry*

"The careful documentation of serious physical, neurological and emotional problems provoked by living close to wind turbines must be brought to the attention of physicians who, like me, are unaware of them until now." — *from the referee report by [Jerome Haller, MD](#), Professor of Neurology and Pediatrics (retired 2008), Albany Medical College, Albany, New York. Dr. Haller is a member of the American Academy of Pediatrics, the American Academy of Neurology (Child Neurology Section), and the Child Neurology Society.*

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“Dr. Pierpont has gathered a strong series of case studies of deleterious effects on the health and well-being of many people living near large wind turbines. Furthermore, she has reviewed medical studies that support a plausible physiological mechanism directly linking low frequency noise and vibration (like that produced by wind turbines and which may not in itself be reported as irritating) to potentially debilitating effects on the inner ear and other sensory systems associated with balance and sense of position. Thus the effects are likely to have a physiological component, rather than being exclusively psychological....” —*from the referee report by [Henry S. Horn, PhD](#), Professor of Ecology and Evolutionary Biology, and Associate of the [Princeton Environmental Institute](#), Princeton University*

What problems did the MA “expert independent” panel have with her study design? After having cherry-picked which evidence among the thousands of pages of material to ‘review,’ the panel essentially claimed Pierpont cherry-picked her subjects: “The way in which these participants were recruited makes it *impossible to draw any* conclusions about attributing causality to the turbines” (p25).

**If logic follows then, if the DEP panel has an issue with Dr. Pierpont’s book and Wind Turbine Syndrome because they claim that she ‘cherry picked’ the victims, and therefore the panel claims that there is NO Wind Turbine Syndrome, and the concept of Wind Turbine Syndrome should be thrown out, then the panel itself should be throw out because they are a cherry picked group of people who are indeed biased.**

**AGAIN, I CALL UPON MA DPH (as I have since June 2010), the agency that has the mission statement to help the people of MA and to actually take people seriously who are experiencing adverse health impacts in our Commonwealth and ACT. HELP THE PEOPLE IN FALMOUTH WHO ARE EXPERIENCING ADVERSE HEALTH IMPACTS FROM LIVING TOO CLOSE TO WIND TURBINES AS WELL AS THE PEOPLE WHO HAVE SPOKEN OUT IN HINGHAM, HULL, HANCOCK, DENNIS, BOURNE, NEWBURYPORT AND WOODS HOLE. Do the research. There are likely more people who are experiencing adverse health impacts from wind turbines in MA TODAY. It is your responsibility to help MA citizens and protect the health, safety and**

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**well being of the citizens of our Commonwealth. DO YOUR DUTY,  
NOW!**

**STATED SCOPE OF WORK**

This panel neglected their stated SCOPE OF WORK from MA DEP and did not even make mention of a whole set of data. They were charged to read, study, and report on empirical evidence as well as studies. MA DEP somehow did not even mention that the panel neglected a BIG part of their scope of work. See below:

"In conducting its evaluation the panel will:

Conduct a literature search and suggest studies and reference materials. Evaluate and discuss information from peer reviewed scientific studies, other reports, and popular media on the nature and type of health complaints commonly reported by individuals who reside near existing wind farms.

Indicate the quality of the data and the weight-of-evidence for potential health effects associated with wind turbines.

Clarify best management practices versus precautionary measures.

Conduct at the Panel's discretion fact-finding activities, *including field trips to one or more wind turbine locations.*

<http://www.mass.gov/dep/energy/wind/scope.htm>

**OTHER IMPACTS THAT WERE NOT EVEN MENTIONED**

**WATER QUALITY:** The panel report is also deficient in that it does not deal with water quality to the detail of answering questions I and others raised. I have evidence of oil leaking from wind turbines that I submitted to them. They didn't address the fact that Cape Cod is a sole source aquifer and the adverse impacts to health if oil, or cleaning chemicals that are used in turbine maintenance leak into our ground water.

**FIRE:** They did not address fire, especially in places like the Outer Cape where during storm conditions it would be impossible to drop chemicals on a turbine, the impacts to the health of communities where there is a fire, let

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alone what the chemicals would do to the water quality, of this sole source aquifer.

COMMUNITY FRACTURE: They did not report on community fracture. One of the most damaging aspects of the placement of wind turbines into communities is the 'community fracturing' which occurs throughout the world. The Community Fracture has a direct impact upon the health of the community and members of the community.

AMENITY: The panel did not report on loss of amenity as a decrease in human health as per the WHO definition of health quality. People who are noise sensitive gravitate to living in these areas. This is a large part of their sense of well being, quality of life and overall health. By making these areas noisy one is stealing the peace and quiet from people living in these rural and semi rural areas, and robbing them of their health and well being. Of course there are a whole host of other adverse health impacts from wind turbines as well.

**LESSONS LEARNED BY DOING THE WORK THAT WE HAVE CALLED  
UPON MA DPH AND MA DEP TO DO -- INTERVIEW THE VICTIMS,  
PEOPLE WHO ARE LIVING TOO CLOSE TO WIND TURBINES WHO  
ARE ADVERSELY IMPACTED FROM A HEALTH STANDPOINT AND  
ARE WILLING TO SPEAK OUT:**

**In light of the politically motivated and biased DEP health study, it think it is important to share some of the highlights from the interviews I have conducted in many countries around the world:**

- The health problems caused by living near wind turbines appear to get worst over time.
- Many of the people interviewed have concluded that the only path available to them to regain their former health status is to abandon their homes.
- People stated that they feel the health impacts they have experienced due to living near turbines is cumulative.

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- There are many many variables and all need to be researched including weather conditions, topography, elevation, time of season.
- Long term exposure to low frequency noise and infrasound, even at lower doses may indeed cause severe adverse health impacts far outstripping any imagination.
- People with well-managed chronic illness may indeed find significant health problems with even short exposure to low frequency noise and infrasound from wind turbines, even experienced by driving through hundreds of wind turbines over several hours.
- There are many people all over the globe who do not even know that they are adversely impacted because they live, work, or go to school too close to wind turbines. They know they are ill but do not know that it is the turbines that are making them ill.

**HUNDREDS IF NOT THOUSANDS OF RECORDS OF EMPIRICAL DATA WAS SUBMITTED TO MA DEP BY THE JULY 2011 DEADLINE; IT WAS IGNORED BY THE PANEL EVEN THOUGH THE SCOPE OF WORK STATED THAT EMPIRICAL DATA SHOULD BE INCLUDED IN A REPORT**

The package of materials that Wind Wise - Massachusetts (WWMA) submitted via mail to [WindTurbineDocket.MassDEP@MassMail.State.MA.US](mailto:WindTurbineDocket.MassDEP@MassMail.State.MA.US) by the July 22, 2011 deadline, and was received by the deadline contained among other items a CD-ROM. This disc contains documented empirical data from **FIVE MA wind turbines**. Additional packages with all of the above information was also mailed directly to both Kenneth Kimmell, Massachusetts Commissioner of the Department of Environmental Protection and to John Auerbach, Commissioner of the Massachusetts Department of Public Health.

In the spirit of keeping the MA legislature informed, additional packages of the information sent to both agencies I mailed as copies to my MA State Representative who is part of Leadership and to my MA State Senator. I

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wanted also to document the information mailed to DEP and DPH by WWMA.

Hundreds if not thousands of records of adverse impact incidents from a health standpoint were submitted to DEP and DPH by WWMA from the lived experiences of those who are unfortunate to be living too close to wind turbines. This empirical data & evidence of harm from wind turbine noise was indeed submitted. Empirical data was submitted by WWMA from MA citizens living too close to FIVE WIND TURBINES IN MA (Falmouth Wind 1, the Notus Turbine, the Woods Hole turbine, Hull, and Newburyport.) Empirical data was submitted by WWMA from US citizens throughout our country. Empirical data was submitted by WWMA from citizens of the world including from Australia, New Zealand, Japan, and many European countries.

I know this is factual. I compiled most of the material on the CD-ROM with the help of people around the state. I produced the CD-ROMs and DVDs and materials contained in the packages. I sent out the materials. This took me countless months of my volunteer time to do so as well as my own personal finances. I am very concerned that my time, money and efforts to submit ample evidence of the truth that wind turbines cause adverse health impacts were ignored and disregarded.

In addition to the materials submitted by WWMA, MA citizens submitted materials to MA DEP as well as people from throughout the United States and from throughout the world.

**POSTING ALL DATA ONLINE**

DEP neglected their duty by not posting a massive amount of data submitted. DEP should be forced to post online ALL submissions submitted.

DEP insisted that they send out emails to obtain permission to post online submissions. DEP received permission to post the letters and information.

Thousands of records of adverse impacts from a health standpoint were submitted to DEP from the lived experiences of those who are unfortunate

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to be living too close to wind turbines, empirical data & evidence of harm from wind turbine noise. Permission was given to MA DEP to post material and it was not posted.

As an example, I refer to my husband's submission. He emailed to DEP a PDF file with his submission that took him countless hours to research, write, proof and compile. He also took his time to give MA DEP permission to post his submission online. When this was posted online, the body of his email was posted stating that the PDF file with the content of his lengthy well researched materials was attached. The MA DEP posting only includes the body of the email stating the PDF file is attached. The PDF file is not accessible. There is only an image of a box that says PDF.

Furthermore, I played a major role to submit over 70 letters from people in MA and around the globe who are adversely impacted by wind turbines by WWMA before the July 22, 2011 deadline. I emailed to MA DEP wind docket several times to find out what the procedure would be to obtain permission by the people who wrote the letters so that these letters would be posted online when I learned that these were the 'new rules' that MA DEP was placing before the citizens of MA and those who submitted materials to MA DEP for the panel members to review. **WHAT WAS MY RESPONSE? I RECEIVED NO RESPONSE FROM ANYONE!**

I am concerned as a MA citizen at the shoddy work product of MA DEP in posting the comments that MA citizens spent their volunteer time, resources, research and energy to submit. The approach shows little concern for the citizens of MA and little concern for doing the right thing and honoring the hard work of the citizens of MA and the world. It is an outrage that MA DEP has treated people in this manner.

Furthermore, if this is the work product of MA DEP, then it follows that the the MA DEP panel work, in working with the MA DEP staff assigned to this project must be just as shoddy.

I do hereby call upon MA DEP to make this right. Post all submissions and testimony online properly ASAP.

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Reach out to me and let's get this right. Work with me to post all of the letters that WWMA submitted.

In addition, answer each and every submission and do so online as MA DEP does with submissions for other matters.

**POSITIONING OF JUNK SCIENCE DOCUMENT**

As a concerned MA citizen I am calling upon MA DEP to clarify with the media what the document actually said. Did MA DEP deliberately pitch this story so the media wrote that there are no adverse health impacts from wind turbines? If not, then issue a statement that this is NOT what the document even says. To do anything less is down right dishonest to the MA citizens.

**THERE IS SOMETHING ROTTEN IN DENMARK, SWEDEN, GERMANY,  
VERMONT AND MAINE**

Brief comments regarding the document: A Brief Review of Wind Power in Denmark, Germany, Sweden, Vermont, and Maine: Possible Lessons for Massachusetts

During a meeting held at MA DPH on Sept. 9, 2011 at the DPH office in Boston, Alicia McDevitt, Deputy Commissioner DEP told 11 members of WWMA and citizens of MA attending that the health report would NOT be used for policy decisions in MA. She further stated that the MA DEP panel would NOT make any policy recommendations. She stated that this was NOT their role. They were charged by DEP to ONLY report on health related to wind turbines.

Obviously this is not true if one reads the document:  
A Brief Review of Wind Power in Denmark, Germany, Sweden, Vermont, and Maine: Possible Lessons for Massachusetts

As a concerned citizen of MA this document is not appropriate. It must be dismissed. It is biased, untrue, misleading, and down right propaganda.

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**QUESTIONS:**

**INDEPENDENT PANEL:**

Independent panel. What is MA DEP's definition?

MA citizens were assured that panel members would be chosen because they would have no pre-conceived opinion on wind energy or wind turbines. This is clearly not the case.

MA citizens deserve to know the truth about how MA DEP has positioned this word (*independent*) to mean something it does not mean.

PROVE TO ALL CITIZENS MA THAT THE PANEL WAS NOT HAND PICKED TO GO ALONG WITH A POLITICAL AGENDA AND THAT ITS REAL 'CHARGE' WAS NOT TO SEEK THE TRUTH AND PROTECT THE SAFETY, HEALTH AND WELL BEING OF THE CITIZENS OF MA. See **Exhibit D, (Mills) Exhibits E, F - (Manwell)**

**WHAT INFORMATION DID THE MA DEP PANEL MEMBERS RECEIVE:**

Did DEP panel members of the so called wind science panel receive the information that WWMA submitted? Members of WWMA were assured by Alicia McDevitt, Deputy Commissioner Department of Environmental Protection that all members of the panel did receive all materials submitted by WWMA.

Or did the other panel members receive the information that WWMA submitted but just choose to ignore the empirical data from MA citizens, USA citizens and citizens of the globe?

**SCOPE OF PANEL:**

During the meeting on 5/3/11

Did panelists not follow the scope of the panel members as published by MA DEP on their website and emailed to WWMA members?

"In conducting its evaluation the panel will:

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Conduct a literature search and suggest studies and reference materials.  
**Evaluate and discuss information from peer reviewed scientific studies, other reports, and popular media on the nature and type of health complaints commonly reported by individuals who reside near existing wind farms.**

**Indicate the quality of the data and the weight-of-evidence for potential health effects associated with wind turbines.**

Clarify best management practices versus precautionary measures.

**Conduct at the Panel's discretion fact-finding activities, including field trips to one or more wind turbine locations.”**

<http://www.mass.gov/dep/energy/wind/scope.htm>

The panel was charged to read, study, and report on empirical evidence as well as studies. **This panel neglected their stated SCOPE OF WORK from MA DEP and did not even make mention of a whole set of data.**

Did panelists receive a different mandate than that published by DEP as per above?

MA DEP somehow did not even mention that the panel neglected a BIG part of their scope of work. Empirical data & evidence of harm from wind turbine noise was submitted for the panel and was not even mentioned in the review of biased selected literature that the panel produced. **MA DEP AND MA DPH HAVE NEGLECTED THEIR DUTY OF CARE TO THE CITIZENS OF MA.**

**CONCLUDING COMMENTS, BUT BY NO MEANS A CONCLUSION OF MY WORK TO MAKE THE TRUTH THAT WIND TURBINES CAUSE ADVERSE HEALTH IMPACTS**

It was my great hope that the panel would honestly report to the citizens of MA the truth that people around the globe are experiencing adverse health impacts from wind turbines.

It was my great hope that there would have been at least several panel members who would have the integrity and intellectual honesty to oppose the twisted language, half truths, perception of truth and outright lies that

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these panel members have put their names to, and these panel members would call for an honest report for the citizens of MA and call for MA to take action by sponsoring a rigorous, independent and transparent epidemiological study. Not one member of this panel had what it takes to stand up for protecting the health, safety and well being of the citizens of MA and the globe.

**I find it completely negligent on the part of DEP/DPH that their biased experts criticized selected studies in such a way that people reading the studies may conclude that something is wrong with their methodology and/or conclusions. Clearly the panel should have erred on the side of caution to see if there are any chances that wind turbines can adversely impact people, and if so, then use the precautionary principle to protect the health and safety of people.**

**Since MA DEP and MA DPH are charged to protect the citizens of MA from harm, PROVE TO THE CITIZENS OF MA THAT WIND TURBINES DO NO HARM TO PEOPLE. Anything less should be disregarded and discarded.**

Sincerely,

Lilli-Ann Green  
Wellfleet, MA

Member Windwise ~ Cape Cod

Member Wind Wise ~ MA

cc: Governor Deval Patrick

MA Senators and Representatives

Suzanne Condon, Associate Commissioner Department of Public Health

Alicia McDevitt, Deputy Commissioner DEP

Martha Steele, DPH

Margaret Round, DPH Deputy Director, Toxicology Program

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Carol Rowan West, Director ORS

MA DEP Panel members:

Jeffrey Ellenbogen, MMSc, MD

Sheryl Grace

Wendy J. Heiger-Bernays, PhD

James F. Manwell, PhD

Dora Ann Mills, MD, MPH, FAAP

Kimberly Sullivan, PhD

Marc Weisskopf, Sc.D