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Karen Kirk Adams

December 16, 2004

Cape Wind Energy Project EIS Project Manager

Corps of Engineers, New England District

696 Virginia Road

Concord, MA 01742-2751

RE: Cape Wind windfarm proposal for Horseshoe Shoals off Cape Cod

Dear Ms. Adams:

While I do not live on Cape Cod, I have visited it frequently as I do my own shoreline here in Rhode Island. And while much of the beauty of an oceanic horizon is often measured in how the ocean meets the sky and distant land masses like islands, I believe that the impact that 130 well-spaced windmills, located 4-8 miles or so off-shore, will be negligible. In fact, I believe many of the opponents' arguments are rooted in NIMBY fears rather than potential environmental impact. I would take my family and spend money in the area because of the novelty and commitment that Cape Codders make in developing this resource. It would make the Cape more interesting.

The wind generators will provide clean, relatively reliable electricity within the context of distributed generation capacity, so necessary in an age of electrical grid unreliability and continuing under investment. And while the wind will not create electricity continuously, the location in Wind Power classes 5 and 6 (from the "Wind Energy Resource Atlas") make this an obvious choice for a commercial location for wind power generation. With many jobs in construction as well as ongoing maintenance of the installation, as well as the possibility of cheaper power that would be produced, this seems like a win-win for the residents, citizens of the state and all New Englanders.

The arguments against this are mainly one of class, make no mistake about it. The arguments of a negative impact on tourism are without merit. Please consider all comments, from residents as well as non-residents on this very important development that should go ahead following a full vetting and environmental review.

Sincerely,

*Craig Gaspard*

(290 Middle Road, Portsmouth, RI. 02871)

2271

**Adams, Karen K NAE**

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**From:** longsk@comcast.net  
**Sent:** Thursday, December 16, 2004 8:30 AM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind DEIS, support

Dear Ms. Adams,

Thank you for the opportunity to submit my comments on the Cape Wind Draft Environmental Impact Statement (DEIS).

I strongly support the Cape Wind energy project. I appreciate the due diligence that the Army Corps of Engineers undertook in its DEIS.

However, I would like to see more information included in the DEIS regarding the potential *benefits* of the project, such as the national security benefits of using a renewable energy resource as opposed to using fossil or nuclear fuels.

When it comes to oil, our country is paying a huge price, and some military personnel are making the ultimate sacrifice, for preserving our oil supply in the Middle East. And, when it comes to nuclear and coal-fired power plants, everybody loses their right to a healthy environment.

I would encourage opponents of the energy project to consider the windmills in the context of national security. I would contend that on the days on which the windmills are visible, they would be a source of pride for Cape-area residents, rather than concern, as they are doing their part to preserve national security through supporting our nation's energy independence.

I strongly believe that the Cape Wind energy project would help reduce our nation's dependence on fuel sources that harm our national security. I urge the Corps to include these considerations in its final report.

Again, I appreciate the Corps' hard work on its DEIS. Thank you for your time and consideration.

Sincerely,

Stephen Long  
8 Church Street  
Acton, MA 01720

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978-264-1960 (h)  
617-292-5734 (w)  
longsk@comcast.net

12/20/2004

2272

**Adams, Karen K NAE**

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**From:** Jswollam@aol.com  
**Sent:** Thursday, December 16, 2004 2:17 PM  
**To:** Energy, Wind NAE  
**Cc:** afeehan@kinlingrover.com; letter@globe.com; ednclo@juno.com; carlsonlane@yahoo.com; cousin8@eightcousins.com; Mikeon23@aol.com; jkpires@capecod.net; jjmccavitt@hotmail.com; moneil15@adelphia.net; president@whitehouse.gov; dougshow@cape.com; [Doug & Chris at home]@aol.com; silfox@massmed.org; Mtrw24@aol.com; ernichols@mindspring.com; info@capewind.org  
**Subject:** Capewind Energy Project

To Whom It May Concern, in particular the U. S. Army Corps of Engineers:

As a retired scientist and Naval officer, and long-term resident of Cape Cod, I see the proposed wind farm as a very welcome, exciting, and responsible project. In my view those opposing this activity are, in many cases, the same fat-cat millionaires who buy up desirable beachfront properties in order to restrict access to and visual enjoyment of the waterfront to themselves, to the exclusion of the majority of the citizenry.

My own enjoyment of the Cape as a place to live will be enhanced, not decreased, by the sight of distant wind generators quietly providing power to this area and reducing our need for the pollution inevitably associated with fuel-burning power plants, as well as reducing our dependence on foreign oil producers.

I urge your expeditious approval of the project so that benefits can be maximized and costs minimized on this important initiative.

Sincerely,

Dr. John S. Wollam, CDR, USNR-Ret.  
37 Carlson Lane, Unit 9  
Falmouth, MA 02540-2529

**Adams, Karen K NAE**

2273

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**From:** alice [al.geo@rcn.com]  
**Sent:** Thursday, December 16, 2004 3:20 PM  
**To:** Energy, Wind NAE  
**Subject:** Cape Cod Wind Farm

Dear Ms. Adams: Again thank you for your concern about this sensitive project. I lived on Cape Cod all my life and remember as a young child the protest that many people made to stop the Electric Power Plant on Cape Cod Canal. Many of the same subjects to consider came up.

They told us it was renewable energy also. That the coils for the plant would be cooled by the currents in the canal. It would prevent the power plant to use so much of fossil fuel because of the water naturally cooling the coils. People protested because of property values, pollution and fishing. I remember them talking about large screens on the pipes feeding the coils so that fish wouldn't get caught in the coils from the canal.

Well history has proven that this plant has caused pollution, land deduction, and now is millions of dollars in the red both to the Town of Sandwich and the residence. And to the production of electricity to the Cape.

History is repeating it's self. Please let's learn from it. Let's not repeat it.

A non-resident who wants to monopolize valuable land that belongs to the people promised us many things and already has proved false.

Jim Gordon many times said that the wind turbines would not have a visual impact from land. Now he says it would. He used the Denmark wind farms as an example for his project. And now that they are having problems with the turbines and need drastic and costly repairs, he hasn't mentioned them once.

He also has held back important information from the public about the oil rig that needs to be on site for the turbines.

He has hand picked and paid for Organizations to do a report that he expects us to except. We need unbiased reports to see the complete picture.

Many people think we don't want it in our backyard. The message is we do not want it in our front yards. Some private residence have already in motion to use wind power to help the residence of the towns. And help the Towns by paying a lease to use their land.

Wind is the second best renewable energy. I feel that the government should set regulations in new construction to have solar heat and hot water insulated in new construction. Or even in remodeling if it can be installed at a compatible price. Solar can be stored. Whereas wind can not. If the wind is not blowing there is no power. I live on Nantucket Sound and my business depends on the view. Today the wind is 4 MPH out of the South.....

Please let's not be too quick to repeat history and destroy another natural resource. Once it has been damaged it will take years to reproduce.

Sincerely,  
Alice

Ocean View Motel  
966 Craigville Beach Rd  
Centerville, MA 02632  
508-775-1962 ( inside area code )  
800-981-2313 ( outside area code)

12/20/2004

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**Adams, Karen K NAE**

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**From:** Dan Scholten [dks@mitre.org]  
**Sent:** Thursday, December 16, 2004 4:07 PM  
**To:** Energy, Wind NAE  
**Subject:** I support the Cape Wind project

US Army Corps of Engineers,

I completely support the Cape Wind project, and agree with your Draft Environmental Impact Statement that it would not adversely affect the environment. As Governor Romney stated in the Massachusetts Climate Protection Plan (<http://www.mass.gov/ocd/climate.html>):

"The same policies that protect the climate also promote energy efficiency, smart business practices, and improve the environment in which our citizens live and work. For Massachusetts, promoting climate protection in the Commonwealth and throughout our nation also promotes Massachusetts businesses that are at the forefront of the new markets for renewable energy technologies. Just as the brainpower of this state has been put to work by the nation and the world to develop the high-tech and biotech industries, we can also lead the nation in new energy technologies.

"The actions in this Climate Protection Plan will have a significant impact on the future of our state. Although many of the policies will not be easy to implement, the benefits will be long-lasting and enormous - benefits to our health, our economy, our quality of life, our very landscape. These are actions we can and must take now, if we are to have "no regrets" when we transfer our temporary stewardship of this earth to the next generation.

.....

"More efforts need to be undertaken to increase energy efficiency and renewable energy development. The Plan identifies a number of ways to decrease the amount of fuel burned in power plants and other industries, in commercial buildings, and in homes. Getting access to cleaner energy supplies, including the building of renewable and green resources - from photovoltaic panels and wind generators to ultra-clean fuel cells - represents an important way to meet future energy needs while dramatically cutting carbon emissions."

I could not have said this any better myself.

Sincerely,

Dan Scholten  
21 Patten Lane  
Carlisle MA 01741

2275

Susan F. Tierney  
108 Hammond Street  
Newton, Massachusetts 02467  
Sue\_tierney@yahoo.com  
December 16, 2004

Karen Adams, Project Manager, Regulatory Division  
696 Virginia Rd. 696 Virginia Rd.  
Concord, MA 01742 Concord, MA 01742

**Re: Comments on the Cape Wind Project - DEIS/DEIR**

Dear Ms. Adams:

My name is Sue Tierney. I live in Newton, Massachusetts. I am submitting comments on behalf of myself and my family. I urge you to approve the Draft Environmental Impact Statement for the Cape Wind Project.

I start by stating that I am submitting comments on my own behalf because in my professional career, I have been involved in energy and environmental policy, regulation and consulting for approximately 25 years, most of that here in Massachusetts. I have devoted much of my work to helping others finding economical, environmentally sustainable and reliable means to meet the public's needs for energy. I have done that as a regulator, a policy maker, an educator, a consultant, and a volunteer. But I am submitting comments on the Cape Wind Project DEIR/DEIS in my personal capacity. No one has asked me to do so; no one is paying me - directly or indirectly - to do so.

I am currently a private consultant on issues relating to electric and natural gas industry in this region and around the country. Previously, I served for 13 years in state and federal government on energy and environmental policy issues. I was assistant secretary for policy at the U.S. Department of Energy. In Massachusetts state government, my past jobs included being Secretary of Environmental Affairs, commissioner of the Department of Public Utilities (the predecessor agency of today's Department of Telecommunications and Energy), executive director of the Energy Facilities Siting Council, and senior economist of the Executive Office of Energy Resources. I have served as the chief state officer in administering the Massachusetts Environmental Policy Act. As a state regulator, I have reviewed countless proposals to site power lines and gas pipelines and large power plants and incinerators and highways and buildings and hazardous waste facilities and stadiums and many other types of projects involving public review of public and private infrastructure projects needed to meet society's needs. I have attended countless public hearings in which neighbors of project proposals have come out in the evening hours to comment on the impacts that they expected to see from the siting of projects in their neighborhoods. Some of the projects were located within hundreds of yards of their neighbors. Often these impacts were related to traffic, or noise, or property values, or visual impacts, or impacts on wetlands or wildlife, or some combination of all of the above. I can't think of a single project where there wasn't a clash between public needs and private interests.

On a volunteer basis, I currently serve on the board of directors of many non-profit environmental and energy-related organizations. As a commissioner member of the bipartisan National Commission on Energy Policy, I participated last week in unveiling the results of our three-year effort to break the stalemate on the nation's energy policy. For a year last year, I served as chair of the Ocean Management Task Force, appointed by the current Massachusetts Secretary of Environmental Affairs, and together with the other members of the Task Force recommended the adoption of a framework for sound management of the state's ocean resources. I am currently on the boards of many environmental organizations, including ones in this region, nationally and even in China.

The common theme of my all of volunteer activities on these boards and commissions is to explore ways to have the nation and the region adopt environmentally and economically sustainable energy supplies. In particular, I am especially concerned about the threat of global warming and the contribution of man-made emissions of greenhouse gases from consumption of fossil fuels in cars, in power plants and in industries around the world, here in the US and at home here in New England. The threat of climate change is so important that we all must shake up our own "business as usual" approaches to solving the nation's energy and environmental problems.

Last week, the National Commission on Energy Policy of which I am a member, stated that as a nation, we must find "common ground in rejecting certain persistent myths — on the left and on the right — that have often served to polarize and paralyze the national energy debate. These include, for example, the notion that energy independence can be readily achieved through conservation measures and renewable energy sources alone, or that limiting greenhouse gas emissions is either costless or so costly as to wreck the economy if it were tried at all. Most of all, Commissioners rejected the proposition that uncertainty justifies inaction in the face of significant risks. Given current trends, the consequences of inaction are all too clear. Under business-as-usual assumptions, the United States will consume 43 percent more oil and emit 42 percent more greenhouse gas emissions by 2025.<sup>1</sup> At the global level, oil consumption and emissions will grow 57 and 55 percent respectively over the same timeframe, and the Earth will be heading rapidly — perhaps inexorably — past a doubling and toward a tripling of atmospheric greenhouse gas concentrations. In the Commission's view, this is not a scenario that should inspire complacency, nor is it consistent with the goal of reducing the nation's exposure to potentially serious economic, environmental, and security risks." (National Commission on Energy Policy, "*Ending the Energy Stalemate: A Bipartisan Strategy to Meet American's Energy Challenges*," December 8, 2004.)

And just earlier today, I, along with the other members of the Commonwealth's Ocean Management Task Force, met with Massachusetts' Secretary of Environmental Affairs. I recently chaired that Task Force, whose members unanimously recommended in our Final Report ("*Wave of Change*," March 2004) that the Commonwealth adopt a new ocean resource management framework in order to assure that the state's waters are managed, developed and conserved in ways consistent with the public trust.

In calling for a new ocean management planning approach, our Task Force also made a number of other recommendations, including ones relating to improving our information, enhancing our knowledge of the oceans, improving our coordination with others like the

federal government with who we share ocean boundaries, and so forth. We stated that “The recommendations in this report are prospective in nature and will not impact projects or proposals already under regulatory review. We believe that sound public policy requires that any new laws, regulations, or policies adopted in line with our recommendations be applied prospectively with respect to projects filed after the adoption of these new policies. We neither recommend a moratorium on development and permitting activities, nor want our proposals and uncertainty about policy to have the effect of chilling development.” We were clear in saying that “This report is therefore about planning for our oceans' future. It is not about stopping development or fishing. But it is about charting a course for protection and use of our oceans, rather than simply reacting to trends and developments. While our suggestion for enhanced planning is new, we recognize that Massachusetts has a long history of asserting its position about how offshore resources should be used - whether it be questioning and ultimately halting Georges Bank oil drilling in the 1980s, successfully gaining fishery management jurisdiction for Nantucket Sound, or championing the designation of the Stellwagen Bank National Marine Sanctuary adjacent to state waters in the early 1990s. We have gone to extraordinary lengths in recent years, for example, to reduce and mitigate the impacts on our oceans of our activities on land; the massive, multi-year effort to clean up Boston Harbor is perhaps the best example of this investment in the health of our ocean. Massachusetts has long been culturally, ecologically, and economically invested in the ocean, and our recommendations reflect and honor that tradition.”

One of our other recommendations, in particular, is one that underscores why I am submitting these comments on the Cape Wind Project. The Task Force noted the important interactions between global climate change and the conditions of our ocean resources, and we recommended that the state include in its Climate Change Action Plan various elements relating to effects of climate change on our coasts and oceans, measures to mitigate effects on such things as coastal flooding and sea level rise, and policies to reduce greenhouse gas emissions. We stated our support for policies that decrease the Commonwealth's reliance on energy resources that emit greenhouse gasses. One such policy, of course, is the state's Renewable Portfolio Standard, which calls for increasing levels of new renewable power use by consumers in the state.

It is with that in mind that I am encouraging you to approve the Cape Wind DEIR/DEIS. I have no other dog in this fight. After much thought and review of documents, I have personally come to the conclusion that we need the Cape Wind farm as part of our energy mix.

In fact, seeing this DEIR is what helped me to reach that conclusion. Before seeing the DEIR, I was a fan of wind power, to be sure, but did not know whether I could personally support this project in light of its particular environmental impacts on the specific site and its surrounding areas. At different points in time over the past few years, I considered working for one side or the other in this debate – but decided repeatedly not to. I could not work against a wind project of such potential importance to helping enable Massachusetts to meet its renewable energy targets; and I didn't want to work for such a large wind project in a particular place until knowing that it was acceptable from an environmental point of view. I have watched the debate. I have read various opinions of the courts and regulators. I

spoken on numerous occasions with representatives from the different sides. I have followed the story in the newspaper.

And now, I have reviewed the environmental impact statement. It is thorough. It is detailed. It identifies, analyzes and describes a wide array of impacts with great care, detail and comprehensiveness. Indeed, it is one of the most thorough that I have ever seen. I agree with the Army Corps of Engineer's independent conclusions that this project is needed, and I agree that the project's overall portfolio of environmental and socio-economic impacts is minimal, especially in comparison to the public benefits associated with the production of energy without greenhouse gas emissions.

Moreover, when I consider the impacts of real alternatives to this project – such as burning more fossil fuel in power plants – I think that the impacts are acceptable. Meeting our region's abundant energy needs – that is, the needs for electricity of each and every person and business residing on the Cape and in other communities around the state – requires real energy facilities consuming real fuel and reaping real impacts on neighbors who live substantially closer to those facilities than any one will live near the Wind Farm on Horseshoe Shoal. Of course, some of our electricity needs can come from installing better and more efficient appliances and building more efficient buildings. And while we need much more investment in such, experience tells us that we also need power plants as well. The electricity consumed here on the Cape comes from power plants located near someone's home and in someone's vista. For the most part, those other power plants emit pollutants that contribute to smog, acid rain and soot, which in turn contributes to asthma and other respiratory illnesses, and a variety of ecological impacts. The neighbors of those other plants experience noise, visual, property value and property impacts, as well.

We live in a society in which each of us daily uses the fruits of infrastructure projects – whether roads, or cell towers, or gas pipelines, or transmission lines, or sewage systems – that benefit all of us broadly and distribute particular impacts locally. We also live in a society in which we try to use our public resources wisely for the benefit of the common. In this case, I believe that this Project will produce significant benefits to the commons by providing all of us with a supply of electricity that produces no greenhouse gas emissions. I think this is an important and positive and *public use* of the important wind resources that are located here in Massachusetts, in Nantucket Sound. This is an investment for our children.

I encourage the Army Corps of Engineers and the Massachusetts MEPA office to approve this DEIR/DEIS. It is well done. The project is needed. And I hope that it is approved.

Sincerely,



Susan Tierney

**Adams, Karen K NAE**

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2276

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**From:** FRANCES ROGOVIN [FUZROG@peoplepc.com]  
**Sent:** Thursday, December 16, 2004 5:50 PM  
**To:** Energy, Wind NAE  
**Cc:** Matthew CPN Palmer  
**Subject:** Nantucket Sound Wind Farm

Gentlemen:

Please record me in favor of the proposed Nantucket Sound Wind Farm.

Recent studies have shown that carbon dioxide in the atmosphere contributes significantly to global warming. The proposed Nantucket Wind Farm would prevent the emission of about one million tons of CO2 into the atmosphere every year.

There is no other single project planned in New England that could prevent the advance of global warming. If we do not take this action, the coastline of Cape Cod and the Islands could be changed forever. Indeed, our culture could be adversely affected in much the same manner as has befallen the Eskimos in the Arctic as a consequence of global warming.

Gerald A. Rogovin  
[fuzrog@peoplepc.com](mailto:fuzrog@peoplepc.com)  
Yarmouth Port, MA 02675

Adams, Karen K NAE

2278

From: Bill Gillitt [bgillitt@yahoo.com]  
Sent: Wednesday, December 15, 2004 11:42 AM  
To: Energy, Wind NAE  
Subject: Fwd: Attn.: Karen Adams

2277

> Date: Mon, 13 Dec 2004 15:38:30 -0800 (PST)  
> From: Bill Gillitt <bgillitt@yahoo.com>  
> Subject: Attn.: Karen Adams  
> To: wind.energy@usace.army.mil

>  
> Dear Karen Adams,  
> I completely agree with the statement below. This project is being pursued for the  
> wrong reasons (personal gain) and in the wrong place (a unique national treasure).  
> It is an inexcusable proposition to anyone who cares for the beauty of this world.  
> Yours very sincerely,  
> William Gillitt  
> Architect

>  
> Why the Cape Wind project should not be built:  
> Poor process. Unlike offshore oil and gas, there are no federal rules for offshore  
> wind energy. US Commission on Ocean Policy issued a report that deemed the present  
> Army Corps' permit process inadequate. Army Corps cannot grant property rights and  
> Corps typically regulates obstructions to navigation, not power plants.  
> Land grab. Cape Wind would occupy 24 square miles of public lands for free.  
> Unresolved boundary. Boundary between federal and state waters is not resolved.  
> Ne!  
> w boundary would likely eliminate some o! f the alternative sites and a portion of  
> the Horseshoe Shoal site.  
> Sanctuary status. State waters are an ocean sanctuary that prohibits electricity  
> generation. The Sound has been nominated twice for federally protected status and  
> should be protected as a marine sanctuary.  
> Industrialization. The Cape Wind project would transform a sparkling ocean jewel  
> into an industrial complex. If other alternative sites are developed, Nantucket  
> Sound could have hundreds more turbines.  
> Visual pollution. Navigation manuals state a 417' structure is visible at 26  
> miles.  
> These turbines are less than 5 miles away and would be highly visible!  
> Impact on historical sites.  
> The wind plant would have an adverse impact on 17 historic sites on the Cape and  
> Islands according to MA Historical Commission.  
> Light pollution. The plant would have 520 red and amber flashing lights.  
> Noise. Noise generated from Cape Wind would at times be audible on shore.  
> Oil spill risk. A transformer substation in the Sound would hold 40,000 gallons  
> of  
> potentially hazardous oil.  
> Boating dangers. The project would crowd main navigation channels for cargo ships,  
> ferries, and fishing boats. The risk of colli! sions with the turbine towers would  
> increase especially during fogs and storms, for which the area is known. The  
> Steamship Authority and Hy-Line Cruises, which together transport over three  
> million  
> passengers to and from the Islands every year, oppose the project because of its  
> safety threat.  
> Aviation danger. Over 1,000 flights a day during the summer transect the Sound at  
> heights as low as 500 feet. Local air traffic controllers oppose the project ("an

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- > accident waiting to happen") and local airports are concerned due to turbine
- > height.
- > ! Commercial fishing impacts. Hundreds of fishermen work Horseshoe Shoal and make
- > half their annual income from the catch. Risk of turbines collision or gear
- > catching
- > in the spider web of cables between the towers will largely preclude fishing in
- > the area. Placing 130 turbines and miles of cabling in the seabed will cause
- > elevated turbidity, which will smother bottom-dwelling organisms, kill juvenile
- > fish, and drive off adults. Nantucket Sound fishery will suffer.
- > Bird kill. The Sound is densely populated by birds. Millions of songbirds migrate
- > through the Sound, hundreds of thousands of sea ducks winter on the Sound, and
- > endangered bird species breed onshore. Humane Society estimates bird kills would
- > range from 1898-6643 deaths per year. Cape Wind estimates only 364!
- > Excessive subsidies. The public would be paying Cape Wind to build the wind plant.
- > Cape wind would occupy public land for free and gain millions of dollars per
- > year in subsidies. An economic study by The Beacon Hill Institute estimates Cape
- > Wind would receive a subsidy of \$241 million from state and federal sources.
- > High cost. Offshore wind costs twice as much as gas fired electricity and
- > significantly more than onshore wind. To survive financially, this project would
- > need continued government subsidies throughout the life of the project.
- > Job loss. Beacon Hill Institute (BHI) estimates a loss of up to 2,533 jobs
- > because
- > of a loss of tourism, a vital engine of the Cape and Island economy.
- > Property value decline. Property values could decline by \$1.35 billion (BHI
- > study).
- > Construction impacts. Construction period would be lengthy and disruptive.
- > Drilling, noise, road closures and problems may be similar to Big Dig in Boston.
- > Public access restrictions. ! Due to safety hazards during construction and
- > operation, most European offshore wind projects have access restrictions. This
- > will
- > affect fishing, navigation, search and rescue operations.
- > Radar concerns. UK wind plants have been stopped due to concerns with radar
- > interference on defense systems and aviation.
- > Risky technology. Cape Wind is first offshore wind plant in US. Offshore wind is
- > immature; only 2% of wind power in the world is offshore. Flagship offshore
- > project
- > in Denmark is failing. All 80 turbines in the two-year-old facility are being
- > dismantled, and brought ashore for costly repairs. 3.6 MW proposed technology is
- > not
- > commercial; only installation is 7 turbine demo project in Ireland.
- > Low output. Proposed wind plant produces only 1% of New England needs at Cape Wind
- > asserted output. Actual wind speed data is needed to verify output.
- > Meager cost savings. Cape Wind's best case scenario of electricity cost savings
- > equals only 10 cents per month per New England household.
- > Insignificant reduction in foreign oil. Very little oil is used in the US to
- > produce
- > electricity. According to the Dept of Energy, only 2% of total oil used is for
- > electricity. Serious reductions in oil use need to target transportation that
- > uses
- > 68% of the oil.
- > Backup generation costs. Wind is intermittent and requires backup. What is need
- > for
- > backup power, and who pays? What are the true benefits, given need for backup?
- > No local benefits. Power will be sold to NE grid, not earmarked for Cape and
- > Islands.
- > Low emissions reductions/public health benefits. True impact on other plant
- > operations is needed to calculate real benefits. Since gas is cleaner than coal
- > or
- > oil, benefits are much less if gas is displaced. CO2 reductions are 1-2% of NE
- > emissions; markedly less as % of worldwide, so insignificant to global warming.
- > No need for power. Excess capacity in New England is 31% and projected to stay
- > at
- > 25% or higher through 2007. We do not need the power.
- > Transmission grid congestion. Dept of Energy study states Southeastern MA is one



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**Adams, Karen K NAE**

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**From:** Lockett, Thomas E [lochette@bp.com]  
**Sent:** Friday, December 17, 2004 10:46 AM  
**To:** Energy, Wind NAE  
**Cc:** deborahlockett@msn.com  
**Subject:** Dec 16 Cape Wind hearing

Dear Ms. Karen Kirk Adams -

We did attend the hearing last night at MIT but were unavailable to stay for the entire event. If you could inform us of whether the hearing was completed and all speakers were heard or whether there may be subsequent hearings to facilitate additional speaking time for those which time did not allow.

Thank you for your assistance in this matter.

Regards -

*Thomas and Deborah Lockett*

112 Dalton Rd.

Belmont, MA 02478

Adams, Karen K NAE

2279

**From:** spiekerb@juno.com  
**Sent:** Thursday, December 16, 2004 7:13 PM  
**To:** Energy, Wind NAE  
**Subject:** Remarks not made

I missed the chance to speak at the last hearing. Would have been to deep for most anyway:

250 Years ago the United States was "Born" with a Declaration of Independance and a Constitution. The product of men who pledged "Our Lives, Our Furtunes and Our Sacred Honor" That took wisdom and courage. (Do we have either?)

If today we are at a "Midlife Crisis" we are halfway through our projected life span as a Nation. This logic leads me to project our energy needs for the next 250 years

For instance, we have Natural Gas:

Natural Gas is a feed stock for the Plastics, Chemical and Drug Industries. It is too valuable a substance to simply burn, especially in a stationary power boiler, clean as it may be. We must conserve for the next 250 years

Crude Oil:

Petroleum products are the only energy source which permits an airplane to fly. The Diesel Fuel derived from there is needed to plow the fields and move food to market. Without Diesel fuel Starvation is a possibility. What we have must last 250 years

Coal:

Coal will fire a power plant and a Steam Locomotive, We can go back to the Iron Horse if workers can be found to mine coal. I will dig coal but it will have to be sold in a Drug Store.

Not even the most optimistic opponent of the Wind Farm will agree that the stores of Fossile Fuel will last for 250 years at present rate of consumption which is growing with the expanding population. The alternative is a drastically lowered standard of living .Or a return to Atomic Power and Wind machines. We have lost the capability to construct Atomic Power Plants. The builders of the last plants to be finished have all died or retired, no new talent is in the pipe line from the colleges. Poor job prospects have discouraged students. We may have to ask China for help or perhaps, France. But the best source would be Hungary Since they invented Atomic energy

Thank you for listening

Bernard Spieker one of "The Greatest Generation"

2280

Adams, Karen K NAE

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**From:** ken@foma.wsc.ma.edu  
**Sent:** Thursday, December 16, 2004 8:38 PM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront. Do not allow the pedestrian views of society's elite snobs stop this outstanding project. I've seen large wind farms in west Texas and elsewhere, and find the aesthetic complaints of the whiners from Martha's Vineyard to be shallow and self-serving.

ken haar  
22 ferrin drive  
southwick, MA 010779265

Adams, Karen K NAE

2281

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**From:** mightywindy@hotmail.com  
**Sent:** Friday, December 17, 2004 12:06 AM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

I am in Full Support of the Cape Wind Project! Wind is a Healthy way to obtain energy. Having to "look at" windmills off-shore is Much better than having the under priviledged portion of society suffering from dirty refineries or nuclear reactors. We also need to become less dependent on foreign oil!

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

Angela Windy  
commonwealth ave  
Chestnut Hill, MA 02467

**Adams, Karen K NAE**

2282

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**From:** Tara Holmes [tmhol37@hotmail.com]  
**Sent:** Friday, December 17, 2004 9:36 AM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind comment

Dear Ms. Karen Kirk Adams,

I attended the Cape Wind hearing last night at MIT, but was unable to speak publicly. I would like to thus submit my comment in regards to the proposed wind energy project via email:

As a resident of Massachusetts and a concerned environmentalist, I am strongly in favor of the off-shore Cape Wind project. There is simply no reason why this project should be post-poned or canceled. The data have been collected and analyzed by the Army Corps of Engineers and are documented well in the EIS. Furthermore, the United States's dependence on foreign fossil fuels for energy simply cannot continue. Within the next 25-50 years, oil wells will begin to dry up leaving us little alternatives if we don't invest in the future of renewable energy today. If the Cape Wind project is allowed to proceed, a strong progressive message will be sent to the residents of Massachusetts, to the citizens of the United States, and to the world, that the people of the United States want positive environmental change. Constructing 130 wind turbines off-shore in Nantucket Sound will significantly reduce air pollution and increase air quality, create 600-1000 construction and 154 permanent jobs, and will save \$25 million in energy costs. The time for a renewable energy revolution is now. Let Massachusetts set the positive standard for the rest of the United States.

Thank you.

Tara M. Holmes

2283

**Adams, Karen K NAE**

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**From:** Kevin C. Cain [KCain@peabodyarnold.com]  
**Sent:** Friday, December 17, 2004 11:18 AM  
**To:** Energy, Wind NAE  
**Subject:** Public Comments RE: Cape Wind Farm

To whom it may concern:

Having reviewed the corps report and applying common sense to my analysis I am more certain than ever that the decision to site the wind farm in Nantucket Sound is misguided. The concept of wind power is a good one, however, the destruction of one of the most pristine environments in the United States is simply not necessary. As a life long sailor in the waters of Nantucket Sound and Buzzards Bay I can say unequivocally that the prevailing summer winds are stronger and more consistent in Buzzards Bay. Furthermore, the seasonal sea breezes rarely reach out to horseshoe shoal in the summer due to its distance from shore. The sea breeze is created by the land heating up and the air moving to cold water descending and returning to land. This cycle insures that the breeze begins inshore NOT offshore. In the Fall, Winter, and Spring the prevailing winds are not sea breezes but rather are generated by vast nonlocal weather systems. The location of the wind farm during these three seasons could be virtually anywhere in New England.

New Bedford and Fall River are much better choices. These depressed cities are greatly in need of economic stimulus. These cities are already an eyesore and the presence of windmills may actually improve the view. Furthermore, the seasonal (i.e. summer) wind velocity and consistency is greater in Buzzards Bay that it is in Nantucket Sound. In the Fall, Winter, Spring, the wind strength and consistency is the same regardless of where the windmills are placed.

Windmills could also be built and maintained more efficiently on the so-called backbone of the Cape adjacent to the Power Lines. This seems like a no-brainer to me insofar as the transmission distance from the generating turbines to the Power grid will be de minimus, the land is accessible, and the Power Lines are already unsightly.

Finally, it is abundantly clear to even the most casual observer that this project is being sited in Nantucket sound to maximize the PROFIT of the developer and NOT to maximize the benefits to the Cape Cod community or the nation as a whole.

Kind regards,

Kevin C. Cain

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12/20/2004

Adams, Karen K NAE

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2284

**From:** wedge [wedgeb@adelphia.net]  
**Sent:** Friday, December 17, 2004 3:16 PM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind

Dear Sirs, Please support Cape Wind.... We do not want oil, gas or nuclear. Let's do our own thing. Thanks, Richard Bramhall Plymouth Ma 02360

**Adams, Karen K NAE**

2285

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**From:** Dutton Allan M [dutton.am@mellon.com]  
**Sent:** Friday, December 17, 2004 4:11 PM  
**To:** Energy, Wind NAE  
**Subject:** CAPEWIND -- in support

To whom it may concern

As a vacation homeowner in Yarmouth, may I say I am  
100 PERCENT IN FAVOR OF THE CAPE WIND PROJECT

Above all, we need to be realistic and start developing alternative  
sources of energy. This is an excellent place to start. The high  
visibility of the project is a good thing not a bad thing.

PLEASE ALLOW THE PROJECT TO PROCEED.

thanks

Allan Dutton

3 Bishop St

Jamaica Plain, MA 02130

and

14 Morse St.

Yarmouth, MA

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2286

Adams, Karen K NAE

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**From:** william rohan [billrohan@hotmail.com]  
**Sent:** Friday, December 17, 2004 4:52 PM  
**To:** Energy, Wind NAE  
**Subject:** wind energy

I'm against it. bill

**Adams, Karen K NAE**

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2287

**From:** emiller@seepub.com  
**Sent:** Friday, December 17, 2004 6:34 PM  
**To:** Energy, Wind NAE  
**Subject:** Please extend the public comment period on the Cape Wind DEIS



I oppose the proposed Wind Farm in Nantucket Sound for many reasons. Basically, there are too many unknowns that won't be answered until after the farm is built. These include whether birds will be killed by flying through the blades, as they were in large numbers when the windmills were installed at Tehachapi, California. There is also the consideration of hurricanes and lesser storms which occur on the Cape and islands and the reality that all sorts of pleasure boaters, many of whom are novices, are going to want to view the windmills up close. Already in Cape waters, we have multiple accidents, many fatal, even when experienced folks are at the controls. My last concern is that I have not heard substantiated information about the amount of electricity that will actually be generated by the Wind Farm. I believe that we can find suitable sites on land on which to install windmills, possibly at the many capped landfills, such as the one in Barnstable that has a high mound and where the wind seems to blow endlessly.  
Elinor Miller

Please immediately extend the public comment period on the Draft Environmental Impact Statement for the proposed Cape Wind project to 180 days. Any shorter time period is entirely insufficient to allow the public ample opportunity to provide input on such a lengthy and important document on a complex and controversial project.

Thank you for your prompt attention to this matter.

Sincerely,

elinor miller

2288

Adams, Karen K NAE

**From:** R Philip Dowds [rpdowds@earthlink.net]  
**Sent:** Friday, December 17, 2004 7:17 PM  
**To:** Energy, Wind NAE; gbg@sierraclubmass.org; mary ann nelson  
**Subject:** Comment re Cape Wind DEIS

Ms Karen Adams:

You are identified as the designated recipient of comments regarding the Cape Wind project, so I write to you.

I am in receipt of the Army Corps of Engineers' (ACE) Draft Environmental Impact Statement (DEIS) regarding the proposed Cape Wind "Wind Turbine Generator" (WTG) project. This DEIS evaluates a full range of obvious environmental threats such a project might create -- bird strike, habitat disruption, pollution, archeological or geological disturbance, species depletion, navigational safety, etc -- and concludes that all such threats are either negligible or remediable. This sounds right to me.

On the negative side, about the only finding of possible significance is that of "adverse visual impact", upon which I comment as follows.

The methodology employed to perform this assessment involved hiring an expert -- an "architectural historian" -- who gave due consideration to land-based historic assets (meaning real estate, hereinafter as HAs) surrounding the project site; what would be seen of the WTGs from these sites; and the consequences of seeing the WTGs. S/he concluded that visible WTGs would have an adverse impact on the view as experienced from the HAs.

For starters, the expert has somewhat confused "view" with "vista": A view consists of the unobstructed arc and extent of sightlines from a specific vantage point, and a vista is the panorama at the extremity of the view. Obviously, the WTGs are much too small and too far away to obstruct or constrict the view from any HA, so an adverse impact on view cannot be expected. They would, however, appear as new elements in the vista, and consequently have some impact on that vista. From here on, I'll stick with "vista", assuming that's what the expert really meant.

There are at least three methodological anomalies afflicting the expert's findings about vista impact:

(1) BAD NEWS ONLY? Latent within his/her opinion is the presumption that, if it can be seen at all, it's bad -- or, that anything new in a vista must necessarily be a negative rather than positive element. Presumably, this is intended to be consistent with the hypothetical popular prejudice of, "If I've never seen it before, I sure don't want to see it now". I don't believe this presumption of prejudice can be justified. The expert would have done better to elaborate on the differences between positive and negative impacts.

(2) QUANTIFICATION? Let's ignore any possibility of a positive consequence, and instead, seek to rate the significance of a negative visual impact on a scale of zero to minus ten. Zero, of course, is the build-nothing option. Minus ten might be, for instance, a twenty-story mixed use combo of billboard / junkyard / casino completely surrounding the HA. (You might say I'm being facetious and silly; I might respond that we build these combos all the time, and call them cities.) In any event, the expert makes no attempt to quantify the seriousness of the negative visual impact. It might be a minus eight, it might be a minus 1/10th; the expert is silent.

(3) STANDING AND REPRESENTATION? In zoning (for better or worse), only property owners proximate to the project site have standing to dispute a zoning interpretation or variance; tenants, pedestrians, and people who live a block away are all disqualified from having a legally consequential opinion. One might certainly ask how it is that only the vista as seen from HAs was considered when making this assessment; what about all the other properties having equal or better sightlines to the WTGs? Who excluded them?

Which brings one to another question: What do the HAs themselves think? Have they all chimed in with comments regarding how they believe themselves to be impacted? What about the numerous non-HAs? And, how do the opinions of HAs or non-HAs weigh in relative to the expert's opinion; can the expert's finding be reversed, or amplified, by a lot of non-expert input?

(I myself believe that the WTGs will add interest to an otherwise featureless horizon, and do so without altering the essential character of an open-sky-and-sea vista. Further, observing the blades in rotation will make me feel optimistic about the future, and thus improves my spirit. But hey, I live in Cambridge, and I

12/20/2004

2288

don't own a boat, so do I have any standing in this process?)

IN CONCLUSION, I think that ACE has done a credible, systematic, and technologically sound job of most of its assessments. When it comes to visual impacts, however, the finding is at best pseudo-science. ACE would have done much better to say, "We have no viable methodology for assessing visual impacts of this subtlety, and we return this problem to the political arena, where it belongs."

I recommend that the authorities having jurisdiction approve the Cape Wind project as promptly as possible.

--

R Philip Dowds AIA  
Heym Dowds and Neeman Inc  
1660 Soldiers Field Road, Boston, MA 02135  
Voice: (617) 787-2400 x212  
Fax: (617) 787-2403

2289

Adams, Karen K NAE

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**From:** ansley sawyer [ansleysawyer@comcast.net]  
**Sent:** Saturday, December 18, 2004 12:46 AM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind - Horseshoe Shoal

The opposition group, the Alliance, has brought up several arguing points. I have listed some below with my replies..

1. WAIT TILL NATIONAL POLICY IS ESTABLISHED.

National policy is almost never established in an inclusive and meaningful way about anything. No policy is ever established about something that doesn't yet exist. That is like telling New England in the 1700's that they couldn't build the Post Road until the Interstate Highway system was mapped.

2. TRANSFORMER OIL The woman protagonist said that the Alliance did

not know what kind of oil it was but that it didn't make any difference because all oil was bad. Cape Wind has stated that it will be mineral oil. Mineral oil is non-toxic, floats and is easily contained and retrieved should any leak from the TRIPLE containment tanks, which have alarm sensors in each void.

3. NAVIGATION RISK These towers will be visible to navigation, day

and night, There will be low lights visible to boats but not from shore and around 60 aviation lights on the peripheral towers (not on wind mill blades) pointing upward, which will be dimly visible from shore on a clear night. The towers will clearly show on radar screens and be plotted on GPS. Ships of many kinds, including oil tankers come through the sound on a regular basis with no trouble, going between Hedgefence and L'Hommedieu Shoals for four miles (about 1 1/2 miles apart) with only unlighted buoys at each end. Also into Nantucket Harbor channel, 1 1/2 long and a few hundred yards wide. Wind Mill towers will be half a mile apart in one direction and one third mile in the cross direction.

4. FISHING TRAWLERS If they can't drag down a straight "street" of

towers half a mile apart, how can they drag through a sound full of shoals and wrecks?

5. LOW FLYING AIRCRAFT How do they go past Boston or the White

Mountains? They go over. Their weekly issued maps show the obstacles. The FAA has gone on record that the towers will not be an air hazard but will be a navigation aid.

6. OUR PROPERTY AND CORPORATE PROFIT Sure, it's our property and it

is also our future with soaring electricity costs from diminishing oil supplies. More incentive for soft coal generation and nuke power. Of course it is a profit oriented project. Otherwise it would not be done. The government wants it done; that is why they subsidize it. When the government wanted the east and west coasts connected by rail roads they gave the companies a two mile wide strip of land from St. Louis to San Francisco. Don't forget all the off shore oil drilling rigs.

7. AGENDAS the Alliance keeps pounding at the agendas of the

proponents. But I hear nothing about the agendas of the opponents. Do they have any, other than obfuscation and fear mongering, as a justification for their resistance to change and disingenuous

NIMBYism.

2289

8. PILOT PROJECT This wind farm will be the first of its kind in the USA and, as such, is vitally important to the future of national wind energy development.

Ansley Sawyer  
Summer and year round resident of Nantucket for 80 years.  
508-228-3355  
8 Bayberry lane  
Nantucket, 02554

2290

Adams, Karen K NAE

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**From:** lisamears@hotmail.com  
**Sent:** Friday, December 17, 2004 10:04 PM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

Lisa Mears  
5 Greenwood St  
Lenox, MA 012402029

2291

Adams, Karen K NAE

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**From:** Gary Harcourt [gary.atg@verizon.net]  
**Sent:** Saturday, December 18, 2004 8:27 AM  
**To:** Energy, Wind NAE  
**Subject:** Support for the Windfarm

I believe it is imperative to promote alternative energy production now. I also believe that in comparison to our current energy production techniques the wind farm will be less detrimental to all.

Electricity is currently produced by private corporations throughout the United States and the world at great expense to our environment and our health. We cannot expect others to create energy for us or bear the brunt of the consequences of its production. I point to Yucca mountain, Iraq and the open pit mines of West Virginia as failures we can no longer accept. We must create our own power and accept the consequences locally.

Sincerely,  
Gary Harcourt  
Oak Bluff, MA

2292

**Adams, Karen K NAE**

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**From:** gmc.massed@rcn.com  
**Sent:** Saturday, December 18, 2004 8:45 AM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts's energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

George Clarke  
16 Wheelock Rd.  
Wayland, MA 017782319

Adams, Karen K NAE

2293

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**From:** LWGraboyes@aol.com  
**Sent:** Saturday, December 18, 2004 11:32 AM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind Farm

To whom it may concern:

As a Massachusetts resident living year-round on Buzzards Bay, I am very much in favor of a wind farm in Nantucket Sound. Wind farms create renewable energy that is safe and non-polluting.

We witnessed first-hand the disastrous oil spill in our bay 2 years ago, and are only 20 minutes from the nuclear power plant in Sandwich. The threats from the daily transit of oil barges and of a nuclear facility close to populated areas, are far more significant than the aesthetics of windmills. But quite frankly, we saw a windfarm in Denmark, right outside the Royal Castle in Copenhagen... and it is beautiful.

I pray that wind energy is at last harnessed, throughout this country, for it is far preferable to oil and/or nuclear disasters. Perhaps if the opponents of the windfarm in Nantucket Sound found oil washed ashore on their beaches they too would favor it as we here in Buzzards Bay do.

Sincerely,  
Lois W. Graboyes  
95 Holly Rd  
Marion, MA 02738

2294

**Adams, Karen K NAE**

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**From:** Southieatonset@aol.com  
**Sent:** Saturday, December 18, 2004 3:20 PM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind energy

It appears to me that inasmuch as the project appears to have minimal ecological or maritime safety concerns expressed in the assessments to date, that aesthetics alone is an unsatisfactory reason for setting aside the proposal to build. There are two things that I would like to see considered in the final approval of the plan. First, a phased project that would allow a review of how well the initial phase(s) performed before the entire project was committed to and perhaps avoid an unforeseen ecological or maritime problem. Second, a method to apply some of the generating cost saving, if any, to the rates of the people most affected by the project construction, namely, the abutters.

Thank you  
Peter Conroy  
5 Oakmont Drive  
Buzzards Bay, MA.  
02532

Adams, Karen K NAE

2295

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**From:** Theresa McNulty [theresamcnulty@comcast.net]  
**Sent:** Friday, December 17, 2004 7:14 PM  
**To:** Energy, Wind NAE  
**Subject:** Public comments on wind energy

To All Concerned Parties,

I would just like to voice my opinion on the Cape Wind project. I have done some research, and see that there would be significant benefits to such a project. The amount of energy produced would far exceed any small inconvenience that Cape residents may site. Admittedly, this is a change in their landscape, but with the overwhelming need for oil and energy, we must consider other viable options, and this is clean, smart and cost effective. There are many ways to compromise with residents to make this a workable situation and reap the benefits of FREE wind power. We should be looking into every possible way to create energy on our own in America. We should be putting up more wind farms, and looking into tidal energy, steam energy and other clean alternatives to oil consumption. It is time to take positive action to move our country forward on smarter, more efficient, cleaner and more cost effective methods of generating energy. These wind farms are one viable option, and they must be considered. If all safety and noise issues are properly addressed, it is our duty to move forward to lessen our need for petroleum products.

Thank you for the opportunity to express my views.

Sincerely,

Theresa E McNulty  
100 Lorraine Drive  
East Bridgewater MA 02333-2029

2296

**Adams, Karen K NAE**

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**From:** Lawrence Fine [lorenzonine@earthlink.net]  
**Sent:** Sunday, December 19, 2004 1:49 PM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind

Dear Friends,

I'm a proponent of clean, renewable energy generation and have been an advocate of sustainable lifestyles for over 40 years.

I'm in favor of the wind resource at Horseshoe Shoals being utilized.

It seems that the only opposition now is the esthetic, and my thoughts are - modern wind turbines combine a powerful function with beautiful form.

I would like to apologize to a woman who spoke in opposition that I had a negative reaction to. She had lost a cousin in Iraq, and demeaned Cape Wind for speaking of Iraq oil as a reason our military is over there.

I believe Cape Wind has not devalued or demeaned our men and women in the military, but rather, the completion and implementation of this installation will be the beginning of a trend that will reduce our dependence on fossil fuels, and eventually eliminate the need for military intervention to protect "our interests" in fossil fuels around the world.

I was handed a paper at the hearing at MIT last Thursday which was titled

" A Power plant on Nantucket Sound? Making History or Ignoring it?"

It spoke of the Northern Europeans landing in the southern shore of the Cape.

While sitting in the hearing room at MIT, I composed the following, which I had intended to read at the hearing. I hadn't eaten since breakfast, and since the hearing seemed to be balanced toward advocacy, I left before my name came up.

" Wind is a resource, that, the more it is used, the cleaner the air will become. In the spirit of our ancestors and the wind that first brought them to this land and powered their mills and pumps, and in the spirit of the people of the world who are leading the world in sustainable energy production and conservation, I hope we will be making history by having the first offshore wind farm grow in Nantucket Sound.

thank you for providing this forum.

peace and love - - - - -

Lawrence Fine  
21 Alton Ct. #1  
Brookline, MA. 02446  
(617) 277-7503 (h)  
(617) 347-4242 (c)  
(978) 562-9223 ( Fine Tooling )  
lorenzonine@earthlink.net  
<http://home.earthlink.net/~lorenzonine/>

**Adams, Karen K NAE**

2297

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**From:** Clifford D. Gluck, MD FACS [cgluck@comcast.net]  
**Sent:** Sunday, December 19, 2004 3:07 PM  
**To:** Energy, Wind NAE  
**Cc:** Edward Kennedy  
**Subject:** wind farm

Dear Ms. Kirk Adams:

I have reviewed the public notice sent to me by you and the US Army Corps of Engineers. While I consider myself to be wholly in favor of alternative energy sources, I feel that this project should not be approved for Nantucket Sound. I have reviewed the environmental information available, as well as considered the proposed plan for the project. My conclusion is that this project will have a significant adverse effect on the fragile ecology of the Sound. Disrupting the ocean floor will bring turbid water, smothering bottom dwellers, and driving off juvenile fish. Many open water fish like bluefish and mackerel will probably leave the area. The area is a site of Right Whale migration. This, and other endangered species should not be disturbed. The projected killing of one bird per day is probably low. Even so, 365 birds per year is not acceptable in my view.

I urge you to extend significantly the length for the review process, as the document is of monumental proportions, and not the abbreviated version sent to my home in Hyannis.

Problems at Horns Rev in Denmark should be thoroughly examined before building any offshore wind project.

I object to federal waters being given for private use.

I object to a lack of rules and process for offshore wind development. A process must be in place before going forward with any project.

Sincerely yours,

Clifford D. Gluck, MD FACS

2298

Adams, Karen K NAE

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**From:** Jonathan Birenbaum [birenbaum912@msn.com]  
**Sent:** Monday, December 20, 2004 1:01 PM  
**To:** Energy, Wind NAE  
**Subject:** Support for Cape Wind

Ladies and Gentlemen:

As annual visitors to Cape Cod for the past 10 years, my family and I strongly support and urge approval of the Cape Wind project. Our annual 2-week vacation on the Cape has become a true family tradition, and one that we hope to continue. While I do not ignore that the Cape Wind project will have some impact on Nantucket Sound, it will also ensure that we will be able to continue to enjoy the comforts that electricity provides without the pollutants that accompany fossil fueled generating plants -- particularly those aging plants that are the Cape's current source of power. To my wife and me, permitting my young daughters to continue to breathe clean and fresh air is paramount. Unless development of the Cape and Islands is to cease altogether, there really is no feasible alternative to the Cape Wind project. Further, the cries of protest from those developing and building along the shore lines ring hollow as their blatant self-interest is apparant -- even they must realize that power shortages are non-discriminatory and their magnificent homes (which I admire and certainly do not begrudge) will not be nearly as comfortable during a July blackout. In closing, I can only urge the Corps to permit the Cape to have a clean and reliable source of power that will allow my family and me to continue our family tradition on a Cape that is free of pollution. Thank you.

Jonathan Birenbaum  
29 Wildwood Road  
Scarsdale, NY 10583

To: *Warden Adams  
Project Manager  
Army Corps of Engineers*

## WIND FOR THE CAPE

*12/17/2004  
For Delivery at MIT*

H. Jack Apfelbaum, P.E.

*2299*

### Background

Most of my professional life has been involved in engineering. I graduated from the City College of New York in 1949 with a BME and took advanced courses at the University of Connecticut and at Harvard University.

Upon graduation from CCNY I worked as a mechanical engineer for the U.S. Navy, worked on the Marshall Plan program furnishing aid and information to post-war Europe. I, of course, worked in private industry including Hamilton Standard, at the time that this company made 80% of the world's propellers for propeller driven planes.

I have taught mechanical engineering and industrial technology since 1957. I retired from the University of Massachusetts/ Lowell as a full professor of engineering in 1989 and now have professor emerita status.

I am the author of a standard book used in the preparation for the engineer's licensing examination.

### Association with Cape Cod

My association with Cape Cod goes back to my first wonderful exploration of the Cape during the summer of 1948 when I was still an undergraduate at CCNY. I was immensely impressed with the natural beauty of Cape Cod. So much so, that together with my family I have returned for a shorter or longer time to the Cape every summer that I have been in Massachusetts. That amounts to approximately 50 summers spent on the Cape as well as many times in other seasons.

I have walked the beaches from Cotuit to Eastham to Provincetown. As a family we have stayed at Henry Beston's Outermost House before the ocean ripped away the high dunes on which it stood and Outermost House descended into the sea.

RECEIVED

DEC 20 2004

LIBRARY DIVISION

I have swum and kayaked I many crannies on all sides of the long Cape. I have also used that ancient source of energy, the wind to sail in the waters off the Cape.

2299

### **The Use of Wind Turbines**

As I spent my wonderful days on the Cape and in its waters I have wondered, just how the growing population of the Cape will get it's energy as well as its water.

And I have wondered how to keep the fresh ocean air clean , unpolluted. and not heating up due to man made effects.

One of the modern, fairly straightforward technologies provides a most suitable answer. It is of course by using the nearly always present wind which can turn the blades of wind turbines thereby generate electricity for thousands upon thousands of consumers without adding to the already worrystate carbon dioxide level or in other ways adversely affect the environment.

2299

The visual proximity of the tall windmills situated in Nantucket Sound is initially understandable but considering the history of windmills on the Cape, it should be of no real concern. Along with tens of thousands of tourists I have admired the old wind technology, the old windmills that provided energy for grinding corn and other grains at Brewster and Orleans, at Eastham and Chatham. In their days, ever since the first mill was built in Plymouth in 1680 they were the advanced clean and at that time, efficient, technologies, most of which was borrowed from the Netherlands where mills served primarily for lifting water to keep the land dry. Those mills were certainly not initially considered harmonious with nature, though later on they were greatly admired. And from another perspective in regards to visual pollution, a term one hears mentioned in connection with the proposed Cape Wind Turbine project, it is not very long ago that Parisians hated the idea of building the Eiffel tower, fearing it would forever ruin the looks of Paris. Now, as we all well know, it is perhaps the world's most recognized and loved high standing technological symbol.

In a different vein we should be seriously thinking of our current dependence on fuel coming from abroad.

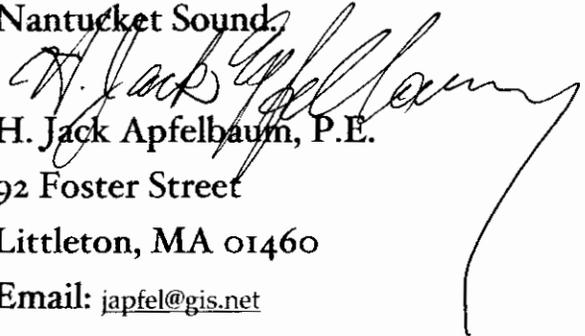
Not very long ago in 1973, we experienced the powerful long term effects outsider nations who control the majority of our oil imports can have on our economy. Given our vast unbalance of imports to exports the government would do well to help develop the wind turbine industry so we can meet the stiff competition in this field from countries like Denmark, Germany, Spain and India.

2299

We are at a historic crossroad.. We have the opportunity to demonstrate that New England wants to be in the forefront of the new wind turbine technology, harnessing wind for generating electric power.. New Englanders though known to be fiscally conservative are also known as leaders in science and technology (we are not meeting at MIT for nothing) . It is just this Yankee combination which speaks well for the development of a wind farm in Nantucket sound.

The 130 turbines envisioned for placement in the Sound would produce a large share of the energy required for Cape residents. This type of energy production is low in its detrimental environmental effect. Though initially it may look offensive, I believe that like the people of Paris got to love the Eiffel Tower, the people of the Cape will point with pride to the wind mills once they have been shown effective. They will likely say: we always knew wind was good for us, wind is good for us now.

I conclude by saying I heartily support the development of wind power in Nantucket Sound.

  
H. Jack Apfelbaum, P.E.  
92 Foster Street  
Littleton, MA 01460  
Email: [japfel@gis.net](mailto:japfel@gis.net)  
TEL: 978-486-3440

2300

Dec. 16, 2004

U.S. Army Corp. of Engineers  
Attn: Karen Adams.

I would like to have been at one of the meetings pertaining to the Wind project but was not able to but I feel very strongly against putting it in "the Sound." I agree that we need alternative energy.

If 130 massive concrete bases were built in the water, the water would have to find a new channel and as it receded it <sup>would</sup> take more sand with it. If you look at a map we are a pretty fragile "arm" sticking out in the sea, we can't afford to lose any more sand.

When the "Texas Tower" oil rig was out in Buzzards Bay, a huge storm demolished <sup>it</sup> and ~~took~~ <sup>took</sup> lives as well.

It was a huge construction but  
we know what those big storms can do.

I hope that you pardon the construction of this letter, it's been a long time since I took English composition.

I am 82 years "young" but am of "sound" mind. (In more ways than one.)

I have one more suggestion - Could wind mills be built along beside the power lines? The paths are already there.

Thank you for giving this your attention. Please help us protect our beautiful Cape Cod!

Sincerely,

R. Virginia Waight

115 Scranton Cir. #405

Falmouth, Ma. 02540

RECEIVED

DEC 29 2004

PLANNING DIVISION

2301

LEONARD W. PECK  
Boatbuilder and Tugboat Captain, retired  
1 Chestnut Street  
Mashpee, MA 02649

USA Corp of Engineers, Regulatory Division      Att: Ms Karen Adams Project Mgr.  
696 Virginia Road  
Concord, MA 01742 2751

Gentlemen,

I see on my TV that the Corps is holding open meetings concerning allowing a wind-power project on Horseshoe Shoal in Nantucket Sound. I am too old to attend but I deplore the "Not in My Backyard" objections of the opposition. It should be known to those responsible for the decision that there are other points of view here.

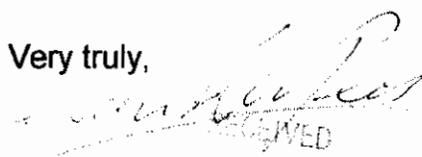
Horseshoe Shoal is right in my home waters; Years ago two friends of mine were drowned fishing there. It is a dangerous place, uniquely good for sport fishing but no captain would take a serious vessel there. Going round it is short, easy. But is an ideal place for a windfarm: shallow enough to build the structures economically, and to run the cables to shore, almost always windy, almost out of sight from the mainland, no real impact on the view. The project will displace no farms, no factories, no residences. There's nothing there but gamefish, which hang out around underwater ironwork anyhow. Might have a good effect: teach sport fishermen to look ahead. Usually they navigate looking over the stern. That's how those two guys got themselves killed.

There is even opposition fearing impact on the environment! As though it were environmentally better to go right on getting power generated by old coal-fired plants in Ohio. The smoke blows right here on the prevailing winds and kills our trees, pollutes our waters, poisons our fish. Same smoke forms a blanket so the atmosphere of the world heats up, icecaps melt and seas rise. We should welcome the chance to generate cleanly some power we now buy from poisonous sources.

My only fear of this project is that Washington will not insist that the developers be financially responsible to clean up the mess if for some reason, out there or on Wall Street, it goes bust. Such oversight may not be in the scope of the Corps of Engineers but I hope the proper branch of our Government has an eye on it.

There is reason for haste; the earth rots under us while we haggle. A windfarm ashore in this expensive area will take years. We should work toward one, sure; can't have too many, but delaying will kill us while we litigate

Very truly,



Leonard W. Peck

RECEIVED  
MAY 20 5 34 PM  
REGULATORY DIVISION

2302

Lee & Chris Matthys

7 Chippers Lane, Mashpee, MA 02649  
Tel. 1-508-477-5194,  
Email: [mat5320@juno.com](mailto:mat5320@juno.com)

December 15, 2004

Re: NAE-2004-338-1

An addendum to my 12/12 letter

Cape Wind Energy Project  
Attn of Karen K. Adams

Dear Ms Adams,

Right on the heels of my 12/12 letter to you came these two editorials in the Cape Cod Times. They have solidified my thinking — we need to create Nantucket Sound a national marine sanctuary/wilderness area. (The zoning I mentioned in my sophomoric way).  
<sup>Re:</sup>

Thank you for listening.

Elizabeth K Matthys  
"Chris"

RECEIVED

DEC 20 2004

REGISTRY DIVISION

## CAPE COD TIMES

*The Cape and Islands' Daily Newspaper*

*New England Newspaper Association's  
Daily Newspaper of the Year*

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### IN OUR VIEW

# 'Geography of hope'

*Feel this is the essence.*  
■ Just as Congress has protected 106 million acres from development, it must now protect marine wilderness.

*"Roll on, thou deep and dark blue ocean - roll!" Lord Byron wrote in 1818. "...Man marks the earth with ruin - his control stops with the shore...."*

**W**ell, not quite. In the early 19th century, Byron could not have imagined the kind of pressures to develop the last wilderness on Earth - our oceans.

One such pressure is the proposal to build an industrial power plant - 130 wind turbines - in the middle of Nantucket Sound.

Last week, over the course of three public hearings, Cape and islands' residents tried to give voice to what Nantucket Sound means to them.

It's more than a flat-line horizon, a shallow, nondescript body of water, a well-traveled ferry route.

Earlier this year, Katherine Abbot, commissioner of the state Department of Conservation and Recreation, described what Nantucket Sound means to her.

"There are very few places left on the East Coast where one can get a sense of wilderness, and this place is one of them," she said.

In her mind, there are certain areas of God's creation that are sacrosanct. When she grew up on Cape Cod, she often gazed out on Nantucket Sound.

"She feels a certain degree of love for it, and she does not wish it to be altered in any significant way," said Felix Brown, her assistant at the time. "She feels the same about Nantucket Sound as she does about Quabbin Reservoir and other pristine areas around the state. She'd be chagrined to see a place like that become an industrial development."

Forty years ago, Congress recognized the value of "wilderness" by creating a law to protect certain unspoiled lands for future generations.

Today, more than 106 million acres have been protected by the Wilderness Act, which was signed by President Lyndon B. Johnson on Sept. 3, 1964. (Wilderness areas include recreational areas.)

Nearly 5 percent of the nation is now protected as wilderness, in what author Wallace Stegner, an admirer of Western landscapes, famously described as "the geography of hope."

To many on the Cape and islands, Nantucket Sound represents a geography of hope. If we can protect this body of water from development, then we can move to permanently protect the Sound as a national marine sanctuary for future generations.

Utah author and naturalist Terry Tempest Williams sees poetry in the federal law that defines wilderness as "an area where the earth and its community of life are untrammelled by man, where man himself is a visitor who does not remain. Those who wrote the (Wilderness Act) legislation into being understood the crucial and subtle relationship between language and landscape," he told The Associated Press. "How we speak about wild, open country is closely aligned with how we treat it. Open lands open minds."

Open oceans open a window to the south

## MY VIEW

*Brian Braginton-Smith*

# Wind energy's future is on the land

By BRIAN BRAGINTON-SMITH

While the debate on the offshore wind project rages, another wind effort is quietly under way: distributed wind energy, where small clusters of two to 10 turbines are being planned for community and private sites across Cape Cod.

This initiative is being pursued by Community Wind Power LLC, a local company (not the Massachusetts Technology Collaborative). This company is owned by local people, employing local people and funded by local investors to bring the maximum combined benefit of clean renewable energy to the direct benefit of our communities. The company's motto is "Our wind, our communities, our future."

By utilizing our abundant wind resource for the benefit of our communities, and combining small, separate installations under one project umbrella, this effort can and will save hundreds

of thousands of dollars per year directly for each of the host communities. While some sites will accrue more saving and collateral benefits than others, the net result will be significant revenue for landowners, an expanded tax base for local towns and a more economically and environmentally sustainable Cape Cod.

The Cape Cod Economic Development agency has identified two major areas of opportunity for our region to establish a more secure economic base: wind energy and environmental technologies such as advanced wastewater treatment. We can import the technology and development capacity and export the real economic value, or we can grow the industry here and then export the capacity to develop wind and environmental solutions to off-Cape communities and reap the resultant environmental and economic benefits. We have the wind - that's why the debate rages and wind developers from off-Cape eye our mar-

ket eagerly. We can capture it or give it away.

Make no mistake about it: Wind energy can save money. That's the reason it is the fastest-growing energy resource in the world today. To make foolish unfounded claims that it is more expensive and that it will raise our rates and hurt the most vulnerable is simply another fear-inducing erroneous statement. Our electric rates are going to give most of us sticker shock as the subsidized deregulated price ends early in 2005.

We need to embrace this locally based opportunity now, not shun it, and we need to make sure that what we do is locally based or we miss the boat and give away a substantial economic opportunity for our Cape Cod and South Coast region.

Everything we import, exports economic value; everything we export, imports economic value - it's really pretty simple when you think of it.

As a Yarmouth native who watched the carpetbagging of Cape Cod resources in the '50s, '60s and '70s, I feel comfortable stating that a lot of off-Cape people made a lot of money, developing Cape Cod and leaving us with the task of cleaning up the environmental destruction caused by the profit motive, unsustainable development and a lack of local concern and consideration.

It's no surprise to me or other locals that people are suspicious and fearful of deeper and hidden motives of off-Cape development interests. Even the Alliance to Protect Nantucket Sound supports this local land-based wind energy effort. If it is going to succeed it will need local commitments and support as well as local roots. Remember: In the end it is "our community, our wind and our future" that is at risk.

*Brian Braginton-Smith of South Yarmouth is a principal in Community Wind Power, LLC.*

2303

131 Marquand Drive  
P.O. Box 945  
Osterville, MA 02655  
Cape Cod-USA

December 17, 2004

Ms Karen Kirk Adams  
EIS Project Manager  
Corps of Engineers

Dear Ms Adams:

I am sorry that I missed your last public hearing at MIT last night due to a family emergency (not serious, fortunately). I intended to speak, if possible, and prepared a statement that I am sending on to you today. My official comments were mailed to you on December 12, 2004 in response to the Public Notice.

Most of us on Cape Cod that I have spoken to this past year have no objection to wind energy and would wish Cape Wind LLC well in their attempt to establish a new business. It is simply a matter of "wrong location" and when we read the Corps' Draft document we find many areas of agreement with your findings. However, the Socioeconomics section should be revised somewhat to reflect a more realistic assessment of the economic and cultural impacts by industrializing one of the nation's premier scenic and resort areas with its large seasonal and year-around populations.

I will never forget the advice I received from the president of Xerox after my first presentation to the Board of Directors on the subject of our computer product plans; "George, that was a well done talk, but it would have been even better if you had covered the negative aspects as completely as you did the positive."

I would make the same comment to you; "the Draft document gives the reader a positive spin on many subjects - such as tourism, property values, electricity rates, public health and boating and fishing - the judgement of most Cape Codders is that the risks and negatives either balance or exceed the local benefits.

As an example of naive statements in the report let me cite an example: References to studies of U. S. and international wind farm installations repeatedly contend that tourism and property values have not been hurt - but on the contrary - they have been enhanced by the presence of the windmills in most cases. This week I studied maps and atlases to find and understand all these locations and I found them to be remote, barren and very lightly populated areas. Nothing in these existing cases were even remotely similar to the Cape Cod/Nantucket Sound area in terms of property value/tourism magnitude. I would re-write and temper these over-optimistic statements if I were you.

2303

Last, but not least, the Draft document refers to the alternative sites available to Cape Wind, but gives the reader the feeling that they were added late in the process to satisfy public calls for consideration of other locations instead of Nantucket Sound and Horseshoe Shoals.

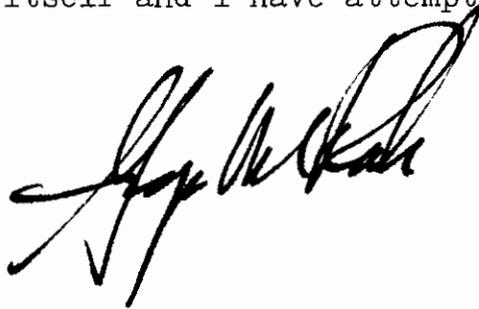
I would suggest that more serious consideration be given to the Massachusetts Military site on land as a real alternative to the offshore location on Horseshoe Shoals. I feel that the Commonwealth of Massachusetts will be successful in stopping the favored location expressed in the Draft document. Wind energy supporters, including most Cape Codders, will only agree to the choice of a land-based location that avoids spoiling our superb waterways with unobstructed views and clear sailing without any physical obstacles.

In conclusion, let me advise that you make sure that the Corps of Engineers not appear to be too solidly in the Cape Wind camp. It is very important to finalize on an objective, impartial and even-handed analysis of the proposal. Based on my reading, so far, it comes across as "co-written" rather than simply supported by Cape Wind input. Perhaps some of this problem is the result of the enthusiasm of the consultants to support the project.

Please excuse the lengthy cover letter. Our paper on the Cape reported that not enough specific advice has been given on the Draft document itself and I have attempted to do that.

Cordially,

George W. Rich  
Osterville,  
Cape Cod



508/428-3499

Copies to: Cape Cod Times  
Boston Globe  
Governor Romney



~~2704~~  
2304  
31 Peter Street  
Providence, RI 02904  
December 15, 20904

Dear Sirs,

I strongly support Cape Wind. I hope that you do too.

The main objection is that of the Nantucket Sound residents. They claim that the miniscule whirling turbine blades far off on the horizon spoil the aesthetics of their view. The comparison with the aesthetic impact of the pollution produced by fossil fuel plants is laughable.

The environmental impact of the wind turbine blades is negligible and they have their own type of beauty to add to that of the horizon.

I believe that with your careful consideration to the above environmental factors, Cape Wind will win in a breeze.

Thanking you for your kind consideration, I am

Yours sincerely,



Mario Della Rosa

RECEIVED

DEC 29 2:34

PLANNING DIVISION

2305

for [unclear]

Name: Ellen [unclear]

Address: 29 Davis [unclear]

City: Nantucket State: MA Zip: 02769

Phone Number: (617) 965-0859

Email Address: None

Please state your questions/comments in the space below:

I oppose Cape Wind's industrialization of Nantucket Sound.

RECEIVED  
DEC 20 2007  
REGULATORY DIVISION

I am saddened & appalled by the process being used for this project.

• We must have a national policy in place (yes - we should have wind farms) before we grant individual permits. We must have an overview plan; process before we begin.

• The Army Corp of Engineers should not be the responsible agency. It should include an oversight group including the Dept of Energy; Environment;

• These projects should be a combination of municipal private entities. The impact of these farms, while hopefully beneficial to all clearly impacts the immediate community.

Please fold this questionnaire in half, affix with tape and mail to the address preprinted on reverse side with a 37¢ stamp.

Please think before proceeding.

tds  
[Signature]

2306

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Ronald Horn

Address: 114 Nahaway Rd.  
Slyman 02601

Phone Number (Please include area code): 508-362-5485

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I've seen wind farms  
in Hawaii + California  
They are poorly maintained  
at best, and are certainly  
an eyesore!

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

RECEIVED

DIVISION

2307

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: CAROL A Lebel

Address: 114 ATTUCKS LANE  
NEYANNIS, MA 02601

Phone Number (Please include area code): 508-362-5485

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

We were in Hawaii a few years ago on the Big Island. We went to a place called South Point. The southern most place in the US. It's also the most beautiful, Godly place I've ever seen! Cows in pastures that just drop off into the ocean. It's a place where the natives fish. Before we got to the point we came around a corner & there were these HUGE folks of rusted, run down dilapidated WIND MILLS! 10 years prior! Someone had the same brain storm of WIND POWER! So where do they put them? In one of the most sacred & beautiful places on earth. What happened to it? It didn't work like they thought it would. Why is the rusted shells of garbage still there? It's still there because the person's crazy idea it was is long gone! The mess is still there rusting & falling apart. So now everyone that goes to this most beautiful place on earth gets a good dose of WIND

Please fold this questionnaire in half, affix two stickers or pieces of tape,

and mail it to the address listed on the other side.

power/pollution! Please put these windmills in an already industrial zoned area that's already not very pretty not in our sacred beautiful ocean. Metal & salt water don't do well!

2308

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Kimberley Eve Snyder

Address: 27 Longview Yarmouthport  
MA  
02675

Phone Number (Please include area code): 413 219 9636

Email Address: jala@jalarise.com

Please state your questions/comments in the space below:

I am for alternative + natural energy  
SOURCES

I AM AGAINST A WIND FARM  
BEING ERECTED IN NANTUCKET  
SOUND.

Do it somewhere already int/renced  
by man + technology.

IF you abbeate the natural  
beautiful places  
where will you go for refuge?

RECEIVED

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

DEPT. OF ENVIRONMENTAL PROTECTION  
DIVISION

2309

**Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound**

Name: Scott Paap

Address: 540 Memorial Dr. Apt. 402  
Cambridge, MA 02139

Phone Number (Please include area code): 617-577-5521

Email Address: smpaap@mit.edu

**Please state your questions/comments in the space below:**

I would like to express my support for the Cape Wind  
offshore wind project. I think it important that  
Massachusetts take the lead in demonstrating to the  
United States that renewable energy sources are a viable  
and attractive option.  
The relatively minor negative impacts are far outweighed by  
the promise of clean, renewable energy.

NOAA  
NANTUCKET DIVISION

NOAA  
NANTUCKET DIVISION

NOAA  
NANTUCKET DIVISION

**Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.**

2310

Karen Kirk-Adams  
Cape Winds Energy EIS Project  
U.S. Army Corps of Engineers, New  
England District  
696 Virginia Rd  
Concord, Ma  
01742-2751

Cape Wind  
Jim Gordon  
75 Arlington St  
Suite 704  
Boston, Ma  
02116

Cape Cod Wind Farm  
*Horseshoe Shoals  
Cape Cod, Ma.*

Phillip A Blowers  
1204 Alewife Cir  
S Yarmouth, Ma  
02664-6104

December 15, 2004

Mrs. Kirk-Adams,

I wasn't able to make an appearance at the December 7<sup>th</sup> meeting, but knew I had to send in my collection of words in regards to this project. One that I've been following as to the purpose of a Wind Farm that is to be developed in the waters off Cape Cod for the past four years. The plan has been described through position and details generated by both sides resulting in a dispute in regard to its development. A quarrel creating thoughts in consideration towards the development of and the over all affect this project will create prior to and post construction of. The true enormity towards this idea that I have not really observed is that this is something thought of and produced by a new generation of Americans. Ones whom want to show their respect towards the environment that we all live within. The number of those on Cape Cod, let alone humans in general, will continue to grow. With this truth an ever-increasing demand for energy in order to survive through the way that American's live will continue to escalate. A current creation that is used for an additional production of electricity creates pollution, Oil Burning Plant in Bourne. And the Nuclear Power Plant in Plymouth leads to certain gains with lethal negatives. The creation of electricity should be viewed with consideration towards the environment, and not the mass it is created for. With the population's growth, within Cape Cod alone, a need for ever-changing improvements towards continuously generating and the use of electricity. Has lead to a firm need for more Electricity by new residents of Cape Cod and the Islands.

With the turn of the century, let alone the new millennium, forming an obligation towards new methods that are to be used in creating the energy. Which we all shall make use of! Humans could do with adjustments in the modus operandi, and being more efficient with the Electricity generated by existing procedures. There are unfortunate effects which are generated by the present, everyday lifestyles of residents throughout Cape Cod that require Mega Watts of energy alone. So many of us take for granted that the Digital Alarm Clock will sound in the morning, Bathroom Lights will Turn On, Traffic Lights will work at required intersection, and Businesses will be open in order to create some sort of achievement for that day, to week, and month, let alone year. There's already more than enough public facts, truths and information to prove the above paragraph to be true.

RECEIVED  
DEC 15 2004  
U.S. ARMY CORPS OF ENGINEERS  
NEW ENGLAND DISTRICT

During the summer of 2003 I went on a trip to Scotland and while there I went on a six hour car ride down to Liverpool, England. On my way there I saw eight different Wind Farms set up along the hills which seemed to be about five maybe ten miles from the highway which we were traveling on. The number of turbines differed from four to twelve, yet every one of them happened to be a tall white column that had three long spinning blades thanks to the wind, (more like breeze because it wasn't that windy out) and every one of them easily seen. The examination of each Wind Farm did not create negativity with the combined sight of the wind farm and the open land around it, but were, to me at least, awe inspiring.

These sites created electricity for the villages that were not right next to, but within a distance that formed an understanding as to what they were for and why this energy is being generated. However, for the Big Wind Farm that I saw there was no villages seen for about a mile. Yet the electricity could have been sent underground to some power lines which went above and across the highway which we were traveling on.

Reading and comparing the words used by those against the wind farm within Horseshoe Shoals made me want to understand this further. Individuals whom would truly see this creation are ones which live within sight, beach lovers, or those wanting to see this new creation. Also by those that work on, or travel by means of boats for which ever reason. As long as the Sun is out and the Beaches are clean; how can there be complaints warranted by the sight of little white sticks a mile away. People are going to be more interested in getting a good tan; watching there kids play and simply nature at its best. With a historic understanding towards the respect which the human race needs to show, and further more apply to the environment of a planet which they are surviving on. A creation, initiating from a talked about understanding, shall be shown off in the distance to those at a beach and needing to stare at to really been *seen*. Even looked up and observed thanks to those on a boat tour. Something hardly *heard* by those on a beach; Yet, when in close proximity of this Wind Farm a light, deep buzz of a sound will form and come to be associated with it. A smell well known, and use to those along Upper Cape Cod Bay will basically disperse. This shall be the clear evidence with a slow advancement towards the production of electricity which shall be noticed!

Something meant to be said by everyone with this creation:

- Wind Farms created World Wide have shown NO Sign of Wrong or Shouldn't Be.
  - As Oil or Gas Burning and Nuclear Power Plants do!
- To ruin a natural look to Cape Cod is something ignored and not needed
  - What has the Power Plant in Bourne done for decades?
  - Wouldn't this area of Massachusetts look better?
- Other's in areas which have a required wind speed have created Wind Farms
  - Shouldn't we, American's, go along with this awareness as well

2310

This project shows how a needed necessity, along with the opinions of, and the appreciation for helps lead to accepting an altered, and yet required technique of creating clean energy. And of course there are minds out there that do not want to change and will form, say and do what can be done to prevent an adjustment from one way to another. There isn't much information towards what will happen in the future because this is the first ever created in the northeast section of the United States of America.

Bad has formed in the past with various ideas for power plants in this country; i.e. Emissions, Seepage from storing Fossil Fuels, Lack of Efficiency in the use of generated electricity, and more. All potential problems have been simulated, and ideas have been formed to prevent or best deal with them. If they happen! From Mineral Oil used to lubricate the spinning generators, Fog horns and Flashing Lights during the night. A mapped out maritime location of this creation, and other essentials should help to avoid probable mishaps that may happen. The one thing that can't be avoided is the unimaginable, but steps can be taken to make the unbelievable that may happen to have that much less of a negative impact.

Altering particular devices in certain settings is a *good thing*, and in other circumstances *bad*. However, with no change there are particulars which have continued unaltered and lead to an affect. This corresponds to facts, or ideas, maybe beliefs that were noted prior to implementation, or lack of! These affect range from nothing, to what was suggested, or even the unexpected. People have gone along with theorized looming events which are suggested to happen in the impending future with skepticism. *I.e. Depletion of Fossil Fuels, Destruction of Atmosphere, Polluting Land and Water we survive with and on.*

We, the human race, have created a problem which will affect various organisms on this planet. If we create a problem, shouldn't we also be the ones to solve the problem.

This could, or should and will be a step in the right direction for a statement so many want to see.

An improvement which leads to *A Better Tomorrow!*

Thank You for reading this letter,  
I look forward to thinking about and understanding something actually achieved,  
And respecting the process of evolution

*Phillip A Blowers*  
S Yarmouth, Ma

2311

NEW ENGLAND REGIONAL COUNCIL OF CARPENTERS, AFL-CIO

# United Brotherhood of Carpenters and Joiners of America

MARINE INDUSTRIAL PARK/EDIC  
22 DRYDOCK AVENUE, SUITE 304  
BOSTON, MA 02210-2386



TELEPHONE (617) 443-1988  
FAX (617) 443-4566  
www.piledriverslu56.org

**DAVID WOODMAN**  
REGIONAL COUNCIL REPRESENTATIVE

**PILE DRIVERS  
LOCAL UNION 56**

**DAN KUHS**  
REGIONAL COUNCIL REPRESENTATIVE

December 16, 2004

Karen Adams  
Cape Wind Energy Project E.I.S. Manager  
U.S Army Corp of Engineers  
New England District  
Regulatory Division  
696 Virginia Road  
Concord, Mass 01742-2751

RECEIVED  
DEC 19 2004  
U.S. ARMY CORP OF ENGRS

Re: Cape Wind

I am presenting this written comment on behalf of the membership of Pile Drivers Local Union 56 and their families.

After a through review of the draft Environmental Impact Study, we feel that the strict regulatory process that the project is currently going through adequately addresses any and all environmental and sitting issues.

The membership of Local 56, many who live on Cape Cod and in the surrounding areas will play a key role in the construction of this much needed renewable energy project.

In addition to providing long term jobs in the construction of Cape Wind, there will be jobs in the manufacturing of Wind Turbine components and permanent full time maintenance jobs.

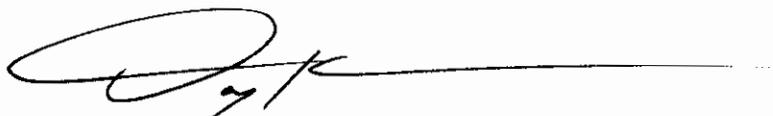
We realize the importance of a stringent environmental review we ask that the Cape Wind project not be held to a higher standard than similar offshore construction projects that the Army Corp has permitted, such as the Deer Island outfall diffuser project. The Deer Island outfall project was met with similar protest from the vocal minority on Cape Cod and it has had no adverse environmental impact on the Cape and Islands since going on line, but it has had a significant, positive effect on the quality of Massachusetts Bay waters.

~~2311~~

Our membership looks forward to the construction of this project which will have a positive effect on both the environment and the economy of the Commonwealth.

2311

Respectfully submitted,

A handwritten signature in black ink, appearing to be 'DK', with a long horizontal line extending to the right.

Dan Kuhs, Business Manager  
Pile Drivers Local Union 56

2370  
2312

Karen Kirk-Adams  
Cape Wind Energy EIS Project  
US Army Corps of Engineers  
New England District  
696 Virginia Road  
Concord, MA 01742

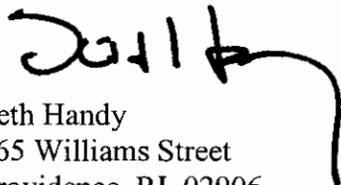
December 16, 2004

Dear Ms. Kirk-Adams:

I write on behalf of my family (wife Charlotte, son Ben (6) and daughter Lucy (4)) to comment on the Environmental Impact Statement for the Cape Wind project and express our support for that project. As part time residents and landowners on Cape Cod (Barnstable, MA) we fully support this plan to site windmills in Nantucket Sound. We are familiar with the EIS and agree with the project proponents that this is a most appropriate site on which to place a large-scale wind project that promises to produce clean energy and less dependence on foreign oil and polluting fossil fuels that threaten our health and environment. The environmental impacts of this proposed project are minor relative to the great benefits of a clean, domestic source of substantial energy. Indeed, the alternative of "no action" has a much more severe environmental impact given the fact that it will force more reliance on fossil fuel based energy that severely threatens air and water quality. Any aesthetic impacts are minor, especially given the emotional value associated with the generation of clean domestic energy. The prospects of wind power are bright in comparison with the repercussions of a Middle Eastern foreign policy and wars fueled, in large part, by our demand for foreign oil.

We hope for project approval, mainly for the benefit of Ben and Lucy and future generations. Thanks for your consideration.

Sincerely,



Seth Handy  
165 Williams Street  
Providence, RI 02906

RECEIVED  
DEC 18 2004  
SETH HANDY

December 16, 2004

2311  
2313

Karen Kirk-Adams  
Cape Wind Energy EIS Project  
US Army Corps of Engineers, New England District  
696 Virginia Road, Concord, MA 01742-27551

RE: Cape Wind Energy EIS Project

To whom it may concern:

I am a native of Massachusetts and wanted to express my feelings about the proposed wind turbine project on Horseshoe Shoal. I understand many of the findings in the Draft Environmental Impact Statement and am encouraged by them. It is important that an independent agency has legitimized what many believed to be the case already.

I am a resident that cares about the environment, loves the ocean and demands smarter energy policy. I do respect opposition to any matter but feel the reasons for proceeding with this project far outnumber those against. I will continue to support this energy project until the end and believe it is the right course of action.

Further, I would expect a high level of responsibility and stewardship from Cape Wind if the project were to proceed.

Sincerely,



Christian S. Mosher  
10 Garden Terrace  
Cambridge, MA 02138

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DEC 19 2004  
REGULATORY DIVISION

Whitney P. Wright  
P.O. 1045  
Barnstable MA 02630

~~2314~~  
2314

12/13/04

U.S. Army Corps of Engineers  
New England District  
ATTN: Karen Adams  
696 Virginia Rd.  
Concord MA 01742-2751

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DEC 16 2004

U.S. ARMY CORPS OF ENGINEERS

Dear Sirs,

Thank you for holding the hearings on the possible placement of windmills in Nantucket Sound. It is important that the public have input into this before there is a terrible travesty. I appreciate the amount of time and effort that you have made concerning this issue.

I am strongly against the placing of an industrial energy plant in Nantucket Sound. I am very much in favor of windmills, but Nantucket Sound is not the place for them.

This windmill technology only became feasible because our legislature passed laws making grants available to promote wind-generated electricity. In its enthusiasm, the government did not look ahead far enough to examine what places are appropriate for the technology. They neglected the fact that there are some places, like Horse Shoe Shoal, where industrial plants should be not be allowed. Let's put the horse back in front of the cart, and find a process through which we can decide where this new technology should be allowed and where it should be forbidden.

I know that windmills are beautiful machines. I traveled to Prince Edward Island and saw them last summer and I was struck by their beauty and simplicity. These machines just don't belong on Horse Shoe Shoal. A plastic bag is a useful tool, but a plastic bag in the waters of Horse Shoe Shoal is pollution. The placing of windmills in Nantucket Sound would be pollution on an unforgivable scale.

Would The Army Corps of Engineers allow Cape Wind to put an oil well in Nantucket sound? No, they would laugh at anyone who applied for a permit for that. If there were no laws against it, would they allow it or would they

2312  
2314

wait for appropriate laws, policies and procedures to be developed before granting the permits? I believe that they would wait. I see no difference between windmills and oil wells. On Horse Shoe Shoal, both are hideous pollution.

This proposed industrial complex includes a storage facility for a large quantity of oil just off our fragile shore line. I understand that oil will probably have PCPs and other poisons in it. Perhaps the structure that holds that oil will be engineered to a standard that could withstand a storm only likely to occur every hundred years. If that structure stays there for 30 years, there is a 30% possibility that there will be a substantial oil spill. If the engineers go to a standard that would withstand a "two hundred year event" then the odds of failure only decrease to 15%. In my mind, there are no acceptable odds for this inevitable event.

Horse Shoe Shoal is mine to visit whenever I want. Just because I don't go there every day does not mean that the area has less value to me. I live near a wooded conservation area. The fact that I can go there whenever I want is very satisfying to me, but I don't go there every day. "The Shoe", as it is called, has great value to me as it is. Making it into an industrial energy plant would ruin it for me and millions of others.

If you do not see that the taking of a public resource for private industry is wrong, then pass the problem on to a higher authority. The process in place for the review of this project is clearly not adequate, and a decision to grant the permits for the power plant would be irresponsible.

I know that the armed services are not sympathetic to people who are not decisive. The U.S. Army wants results; it wants a decision. But the process is flawed. The right thing to do is to deny the application and find a better way to decide where electrical generation plants should be placed.

Thank you for your consideration,

Sincerely yours,





# Town Council

TOWN OF WATERTOWN

ADMINISTRATION BUILDING • WATERTOWN, MA 02472-4410  
(617)972-6470 • FAX (617)972-6485

~~2313~~  
2315

December 16, 2004

Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

To Whom it May Concern:

I write as an elected member of Watertown's Town Council. I ran for office in the belief that all politics are local. I was elected as an environmental advocate and I have been proud to carry this mission forward.

Watertown is a member of Cities for Climate Protection. We are a community with a Climate Protection Plan and are working hard to reduce emissions locally, but I am well aware that regional, national, and international problems that impact us cannot be solved by local initiative alone. If the Northeast as a whole reduces its dependence on fossil fuels, we all gain.

Two years ago, I had the opportunity to drive from San Francisco to Yosemite National Park, and I was thrilled to see the vast wind farms in the California desert. This trip was planned just for the purpose of appreciating California's unique natural environment. I had not known beforehand of the existence of the wind farms, but when I saw them, I was impressed, not offended. First of all, the towers are not in themselves ugly and secondly, they represent a forward-thinking, positive step toward making the world better.

In my opinion, the construction of a similar farm in Nantucket Sound will only reflect credit on the vision and environmental concern of Massachusetts residents. This is especially so given that the draft Environmental Impact Statement shows that the impacts of Cape Wind on sea life, and on water and air quality, would be negligible, and on birds would be within tolerable limits. Meanwhile, the Project would provide great benefits to the state in terms of improving our air quality, reducing our greenhouse gas emissions, and controlling the future cost and security of electricity.

Sincerely,

Susan Falkoff  
Watertown Councilor-at-Large

RECEIVED

DEC 18 2004

REGULATORY DIVISION



*The Commonwealth of Massachusetts*  
*House of Representatives*  
*State House, Boston 02133-1054*  
*Assistant Majority Leader*

2316

**JOHN J. BINIENDA**  
 17TH WORCESTER DISTRICT  
 41 CIRCUIT AVENUE EAST  
 WORCESTER, MA 01603  
 (508) 753-5962

MAUREEN CONNERY  
 STAFF DIRECTOR  
 TARA O'MEARA  
 ADMINISTRATIVE ASSISTANT  
 LINDA KOUTOULAS  
 LEGISLATIVE AIDE

CHAIRMAN  
 COMMITTEE ON ENERGY  
 Rules  
 ROOM 540, STATE HOUSE  
 TEL. (617) 722-2090  
 FAX. (617) 722-2848

E-Mail:  
 Rep.JohnBinienda@hou.state.ma.us

December 16, 2004

Ms. Karen Kirk-Adams  
 U.S. Army Corps of Engineers,  
 New England District  
 696 Virginia Road  
 Concord, MA 01742

Re: Cape Wind Energy EIS Project

Dear Ms. Kirk-Adams:

Regrettably, I am not able to testify in person before the U.S. Army Corps of Engineers. However, do not let my absence today deflect from my strong support of the Cape Wind renewable energy project. I have been a supporter of Cape Wind Associates and the wind farm project since its inception and will continue to support the project through every phase.

As you are aware, in November of 1997, the Massachusetts Legislature and Governor enacted into law Chapter 164 of the Acts of 1997, "An Act Relative to Restructuring of the Electric Utility Industry in the Commonwealth Regulating the Provision of Electricity and Other Services, and Promoting Enhanced Consumer Protections Therein." Primary among the Act's many objectives were technological innovation and environmental enhancement.

As House Chairman of the Joint Committee on Energy and a chief participant in the writing and enacting of the Restructuring Act, I was supportive of a provision in the Act, which included creating a Renewable Portfolio Standard. The RPS program serves as a market incentive that encourages the development of affordable, efficient, reliable and clean energy resources in the Commonwealth. I believe that it is critical that renewable energy resources be developed within the Commonwealth so that Massachusetts residents could derive the maximum environmental benefits possible.

RECEIVED  
 DEC 16 2004  
 HOUSE OF REPRESENTATIVES

2316

Cape Wind is exactly the type of project which was envisioned when the Restructuring Act was written and enacted. The 420 MW Wind Park proposed by Cape Wind Associates will provide affordable, efficient, reliable and clean energy. Equally important, it will provide jobs and environmental benefits for Massachusetts residents. This project is a critical component in maintaining fuel diversity in the region as well as curbing our reliance on foreign oil imports. Indigenous renewable energy is vital to controlling costs and insuring system reliability in the region.

Renewable energy is the fastest growing segment of the energy industry and wind power is quickly becoming an essential component of the world's future energy mix. Massachusetts must maintain a competitive business climate to attract leading-edge companies for the design and supply of reliable, cost-effective commercial wind turbine technology. Cape Wind can catalyze Massachusetts into a center for renewable energy research, manufacturing, and export to serve as an engine for sustainable economic development.

Your recent report on the Cape Wind project brings the Commonwealth to its first milestone as the nation's leader in renewable energy. Cape Wind will have positive impacts extending across the Commonwealth and beyond. Those benefits are consistent with the goals of the Restructuring Act, and I encourage your approval of the project.

Thank you for your attention to this letter and your consideration of the Cape Wind project.

Sincerely,



**John J. Binienda, Chairman**  
Joint Committee on Energy  
State Representative  
17th Worcester

Charles W. Kleekamp  
P.O. Box 1300  
20 Water Street  
Sandwich, Massachusetts, 02563  
(508) 833-1271  
kleekamp@adelphia.net

2317

December 7, 2004

Reference file no. NAE-2004-338-1

Ms. Karen Kirk Adams  
Cape Wind Energy Project EIS Project Manager  
Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

I would like to thank the Army Corps for compiling a most comprehensive DEIS. That said, I would like to suggest the Army include in its final EIS a topic that is not addressed in this document. And that is a factual discussion of where the power generated by the wind farm is consumed. It is important that the public understand this often misrepresented concept.

During a presentation at the Massachusetts Technology Collaborative stakeholder meeting in Hyannis on October 31, 2002 the following facts were presented by Mr. Charles Salamone, Director of System Planning at NSTAR.

The scenario posited by Mr. Salamone was as follows: Presuming the electrical load on the Cape and Islands is 300 MW and the wind is not blowing. When the wind picks up and injects 100 MW into the Cape grid at Barnstable: (and I quote) "then the electricity coming through the Bourne substation [from the transmission lines crossing the canal] would be 200 MW. If Cape Wind generated 300 MW and the Cape load is 300 MW, then the flow out of the Bourne substation [from the grid transmission lines] onto the Cape would go to zero. If Cape Wind generates 400 MW and the load is 300 MW, then 100 MW would flow back into the Bourne substation and into the New England system." End quotation.

Thus, only in the case of Cape Wind generating more power than is being used on the Cape and Islands will the power go off Cape, otherwise it is indeed consumed on the Cape and Islands.

Note, words in quotations are from Charlie Salamone as recorded in the minutes by Raab Associates, the facilitators at the MTC meeting.

I would respectfully like to ask that the Army Corps reaffirm Mr. Salamone's discussion and incorporate it in the final EIS as a matter of importance to the public.

Sincerely,



Charles W. Kleekamp, P.E., Ret.  
Information Director, Clean power Now  
and  
Vice President, Cape Clean Air

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JUL 19 2004  
REGULATORY DIVISION

2318

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: MR & MRS ARNOLD S. GLADSTEIN

Address: 500 OCEAN ST #50  
HYANNIS MA 02601

Phone Number (Please include area code): (508) 771-4126

Email Address: ARNOLD @ SURFGLOBAL.NET

Please state your questions/comments in the space below:

HOW CAN A PRIVATE DEVELOPER BE GIVEN  
SUCH A LARGE PIECE OF PUBLICLY OWNED  
PROPERTY?

WHAT WILL HAPPEN TO NAVIGATION & COMMERCIAL  
FISHING DURING CONSTRUCTION?

WHAT ARE THE CONTINGENCIES FOR THE FOLLOWING:

\* LEAKAGE OF 40000 GAL. OF OIL?

\* REMOVAL OF TOWERS & BASES IF SYSTEM DOESN'T  
PRODUCE OR IF DEFECTIVE?

\* DISRUPTION OF AIRCRAFT NIGHT NAVIGATION  
(I'M A PRIVATE PILOT) BETWEEN HYANNIS & NANTUCKET  
DUE TO THE LARGE NUMBER OF BLINKING  
LIGHTS? (NANTUCKET IS THE 2ND BUSIEST  
AIRPORT IN THE STATE)

\* IS A CASH BOND REQUIRED FROM THE  
DEVELOPER TO SATISFY THESE CONTINGENCIES,  
OR TO COMPLETE THE PROJECT DUE TO  
DEVELOPER'S BANKRUPTCY?

WE ARE BOTH OPPOSED TO THE LOCATION  
OF THIS PROJECT.

DEC 19 2005 Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

2319

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Ann Beth STRAFF

Address: 10 STRIPER LANE  
EAST PALMOUTH, MA 02036

Phone Number (Please include area code): 608-457-4716

Email Address: ABOSTRAFF@aol.com

Please state your questions/comments in the space below:

1. no one has access to the water & land without federal protection!
2. we need 180 days more to review all the material
3. NOT ENOUGH CONCLUSIVE EVIDENCE OF THE HARM they will or not cause to our creatures of the sea & air
4. who will MAINTAIN these windmills & the awful "STATION" whatever it is called - ?
5. Can we put a hotel on the station with a great package & sell it to tourists because who will want to come to the cape - it will DESTROY our tourist season. I AM SERIOUS.
6. Put the wind farm on the military base - or ELSEWHERE on land -

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DEC 18 2004

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

REGULATORY DIVISION

7. who gives MR Gordon all this power?  
Society, not the VOTING public.



2320

**CENTER FOR HEALTH AND THE GLOBAL ENVIRONMENT**  
HARVARD MEDICAL SCHOOL

December 7, 2004

Karen Kirk-Adams  
Cape Wind Energy EIS Project  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

Dear Ms. Kirk-Adams:

As a physician who worked on the Cape for many years in the 1970s, seeing patients and leading various environmental initiatives, and as the Director of the Center for Health and the Global Environment at Harvard Medical School, I am alarmed at how little understanding there seems to be about the human risks of global warming, how the Cape Wind project has been so irresponsibly misrepresented, and how, as a result, people on the Cape and Islands may pass up an opportunity that would help preserve both their environment and their health. I am particularly alarmed at how some politicians, celebrities, business people, and environmentalists who should know better are placing their political and parochial interests above those of the common good.

Just what is at stake here?

1. The record increase in average global temperatures over the past century and the associated changes in global climate are caused mainly by our excessive burning of fossil fuels. This fact is no longer the subject of any serious debate.
2. These climatic changes have resulted in alterations of the Earth's physical and biological systems that have already had profound impacts on human health and well being. These include:
  - Torrential rains and flooding in some areas, drought in others, and more violent storms, causing drownings and traumatic injuries, and affecting water supplies, agriculture, and property. The four intense hurricanes in Florida this Fall are a harbinger of things to come.
  - Increased sea levels, resulting in greater storm surges and the erosion and flooding of coastal lands
  - Heat waves such as that which killed over 18,000 people by official estimates during the summer of 2003 in France alone
  - Worsening air pollution, triggering asthma attacks and causing sickness and death in those with chronic heart and lung disease

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Assistant Clinical Professor of Psychiatry

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University Research Professor, *Emeritus*

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HARVARD MEDICAL SCHOOL

- The emergence and spread of some human infectious diseases, as the carriers of these diseases--mosquitoes and ticks—reproduce more rapidly and move into areas that had previously been too cold for them. Lyme Disease and West Nile Virus Disease may be examples of infections affected by climate change.
- And the widespread damage to species and ecosystems on land and in the oceans, including marine life and bird populations, driving some species to extinction. The Coral Reef Monitoring Network has just estimated that 70% of the world's coral reefs, the "rainforests of the oceans" in terms of species diversity, are either destroyed or are at risk of destruction, chiefly because of coral bleaching triggered by excessive sea surface temperatures.

3. The changes we have seen to date are the result of an average warming of the Earth's surface over the past century by only about 1 degree Fahrenheit. What will happen if the Earth warms by over 10 degrees Fahrenheit, which is the worst case scenario (if we do not change our ways) predicted by the international scientific community for the year 2100? To put this in context, 10 degrees Fahrenheit is the amount the planet has warmed since the end of the last ice age 20,000 years ago, when much of New England was under a glacier one mile thick.

If we do not begin to curb our appetites for fossil fuels and start practicing significant energy conservation measures for our homes, buildings, vehicles, and appliances, and if we do not embrace major renewable energy projects like Cape Wind (that could become a model for others in the U.S. and abroad), then global warming and climate change will continue to accelerate at great rates and life as we know it could become intolerable in coming decades. The fragile environment of the Cape and Islands and the health of its citizens would be at particular risk.

I believe that those who oppose this project have not understood what is at stake. The view of small turbines on the horizon, the minor inconvenience for some boat owners, and the minimal impacts on wildlife all pale by comparison with what awaits us if we do not significantly reduce our emissions of greenhouse gases, starting now.

If we defeat the Cape Wind project, we will have foreclosed an important first step towards protecting our children's health and the health of their environment, and we will have made a tragic and shamefully ignorant mistake.

Sincerely,



Eric Chivian M.D.

Director

Center for Health and the Global Environment

Harvard Medical School

Shared 1985 Nobel Peace Prize for co-founding International  
Physicians for the Prevention of Nuclear War

Dear Army Corps of Engineers:

2321

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, Shaun Riley

Date 12/17/04

Print Name Shaun Riley

Address 1 1/2 A Macy Ln

City Nantucket State MA

Zip 02554

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DEC 18 2004  
REGULATORY DIVISION

Dear Army Corps of Engineers:

2322

A 60-day review period is unreasonable to adequately review the massive 1,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, Mary Anne

Date 12/17/04

Print Name Mary Anne

Address 1 1/2 A Macy Ln

City Nantucket State MA

Zip 02554

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DEC 18 2004  
REGULATORY DIVISION

2323

December 14, 2004

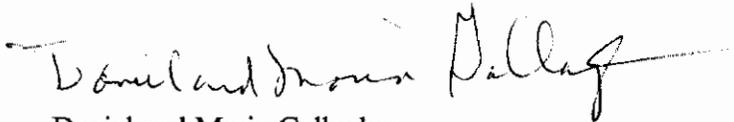
Colonel Thomas L. Koning  
District Engineer  
Corps of Engineers  
New England District  
696 Virginia Road  
Concord, MA 02742-2751

Dear Colonel Koning,

Re: 1.0 Cape Wind Associates proposed towers on Horseshoe Shoals in Nantucket Sound  
2.0 Letter, Daniel and Maria Gallagher to Colonel Koning, January 10, 2004, same subject

We are in favor of extending the comment period to 180 days for the reference subject to provide adequate public review of this 4000 +/- page document.

Yours truly,



Daniel and Maria Gallagher  
47 Westledge Rd.  
West Simsbury, CT 06092

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DEC 18 2004  
DISTRICT ENGINEER

2324

**Adams, Karen K NAE**

---

**From:** Kaiser, Russell L HQ02 [Russell.L.Kaiser@HQ02.USACE.ARMY.MIL]  
**Sent:** Friday, December 17, 2004 7:24 AM  
**To:** Adams, Karen K NAE; Godfrey, Christine A NAE  
**Cc:** Sudol, Mark F HQ02; Gunter, Gregory J LTC HQ02; McElree, John A LTC HQ02  
**Subject:** RE: Cape Cod Wind Farm

Karen,

Pls include following email as part of the formal record for the DEIS public comment period. Thank you, Russ

-----Original Message-----

From: McElree, John A LTC HQ02  
Sent: Friday, December 17, 2004 6:08 AM  
To: Kaiser, Russell L HQ02  
Cc: Sudol, Mark F HQ02; Gunter, Gregory J LTC HQ02  
Subject: FW: Cape Cod Wind Farm

E-mail below came in on the HQ Hot Topics website -- forwarded for action as you deem fit.

John A. McElree  
LTC, EN

-----Original Message-----

From: loalyo@aol.com [mailto:loalyo@aol.com]  
Sent: Friday, December 10, 2004 10:09 PM  
To: Augustine, William R; Hot-Topics  
Subject: Cape Cod Wind Farm

Attention Ms Karen Adams

Dear Ms Adams, We would like to add our objections to the many who already are opposed to this wind farm project. We do not see any overall energy strategy from this administration and so to go about attacking our problem of energy dependence on oil without a plan that includes all types of energy generation and also lacks a conservation plan seems a waste of money and effort. You do not build a house by erecting one wall before you know what the house will look like when it is done.

We also strongly object to the use of a unique and pristine area that is owned by the public as a location for a private facility that is not feasible without the support of tax payer dollars.

Thank you for allowing us to voice our concerns. Please do not let this project go forward.

Lois & Alan Young  
Harwich Port MA  
Referring page is

12/17/2004

2325

**Adams, Karen K NAE**

---

**From:** Kaiser, Russell L HQ02 [Russell.L.Kaiser@HQ02.USACE.ARMY.MIL]  
**Sent:** Friday, December 17, 2004 7:23 AM  
**To:** Adams, Karen K NAE  
**Cc:** McElree, John A LTC HQ02; Godfrey, Christine A NAE  
**Subject:** RE: Cape Cod Wind Farm

Karen,

Pls include following email as part of the formal record for the DEIS public comment period. Thank you, Russ

-----Original Message-----

From: McElree, John A LTC HQ02  
Sent: Friday, December 17, 2004 6:01 AM  
To: Kaiser, Russell L HQ02  
Subject: FW: Cape Cod Wind Farm

Russ,

E-mail below came in on the HQ Hot Topics website -- forwarded for your information.

John A. McElree  
LTC, EN

John A. McElree  
LTC, EN  
Assistant Director  
Directorate of Civil Works

Ph: (202) 761-0107  
Fax: (202) 761-8992

-----Original Message-----

From: ifreeman@seniorlink.com [mailto:ifreeman@seniorlink.com]  
Sent: Monday, December 06, 2004 12:37 PM  
To: Augustine, William R; Hot-Topics  
Subject: Cape Cod Wind Farm

I am writing in favor of wind farm development in Vinyard Sound. I am a part owner of property in Falmouth, MA and also a sailor so I am familiar with the area of planned development. The wind farm may impact me some visually and when I sail in the area but I feel that our country's need to become energy independent far outweighs any inconvenience to me. Far more needs to be done to decrease our dependence/addiction to foreign oil but this is one small step in the right direction.

Isabel Freeman  
Referring page is [http://www.usace.army.mil/inet/functions/cw/hot\\_topics/sendme.htm](http://www.usace.army.mil/inet/functions/cw/hot_topics/sendme.htm)

12/17/2004

Subject: Cape Wind Energy EIS Dec. 9, 2004  
From: W<sup>m</sup> H. Marsden, 1825 Bridge Rd., Eastham, MA 02642  
2326

"NIMBY" is still alive and well on Cape Cod, but I for one support the Cape Wind Energy Project. I'm a 72-yr. old who retired to Eastham in 1996, but have a long history of association with Cape Cod going back to the mid 1940's - childhood vacations, summer jobs, family vacations continuing even today with children + grandchildren. Even honeymooned here back in '52 - all in all, I consider myself somewhat more than a recent "washshore".

Before retiring here I lived 26 years on Long Island in a small North Shore village called Northport. My home, as did many others, overlooked beautiful Northport Bay and Long Island Sound. I thought it was the prettiest vista on L.I., and many others, including visitors, agreed. A large part of this view included the largest oil-fired generating plant in the country - 3 big side-by-side buildings each with its own tall smokestack. While not pretty to look at, it did its necessary job supplying electricity to the local power grid for LI and NYC. It wasn't a bad neighbor, although I'm sure it met with opposition originally.

While the Cape Wind project might inconvenience some boaters + sailors I see very little of a negative nature, and much to benefit the general population of Cape Cod + Massachusetts.

2327

20 Fourth Street  
Attleboro, MA 02703  
December 14, 2004

Karen Kirk Adams  
Cape Wind Energy Project EIS Project Manager  
Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

Dear Ms. Adams:

Unfortunately, I have not been able to attend any of the public hearings on the Cape Wind project. I strongly support the project.

I have been actively involved in a number of environmental issues over the past 20 years, first in Boston, then in the Attleboro area. My main areas of interest have been solid waste disposal, recycling, and conservation of open space. I organized the first meeting of the Attleboro Land Trust in 1990. I have been elected to the Attleboro Municipal Council, and I also have served on a number of municipal boards, including the Solid Waste Advisory Committee, the Cable TV Advisory Committee, the 2002 Open Space and Recreation Plan Committee, and the 2004 Comprehensive Plan Steering Committee.

I am attaching a statement detailing my reasons for supporting the Cape Wind project.

Sincerely yours,



Charles Adler  
508 222-6164

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DEC 15 2004

REGISTRATION DIVISION

2327

Statement in Support of the Cape Wind Project  
by Charles Adler  
December 14, 2004

Nearly three decades ago energy consultant and practical visionary Amory Lovins wrote a book urging our country to take the "soft path" to energy independence through renewable energy sources such as solar, wind, and hydro power and through conservation.

If we had taken the advice of Lovins and others back in the 1970's, we might have reduced or eliminated our dependence on Middle East oil. As a result our country might have been less likely to become entangled in a military operation in Iraq that is weakening our economy, costing many lives, and damaging our international reputation.

However, it's not too late to take the soft path, and the arguments for moving to sustainable energy sources are now stronger than ever. The technology for generating electricity with wind turbines has improved to the point that electricity can be generated from wind power as cheaply as from burning fossil fuels.

It was here in Massachusetts that our nation's War of Independence began with a "shot heard round the world." In hosting the Cape Wind project, our state would be firing a shot for energy independence and a clean environment. Making such an important shift in energy policy would set a great example for the rest of the country and for other nations as well.

If we can't stand up for the environment here in Massachusetts, what hope is there for the rest of the country?

The Cape Wind review process has attracted the support of a long list of reputable organizations concerned about health and the environment, including the Conservation Law Foundation, the Union of Concerned Scientists, Greenpeace USA, MASSPIRG, Clean Water Action and the Massachusetts Chapter of the American Lung Association.

In my opinion, the only issue that has generated significant opposition to the project is the visual impact that the wind farm will have on the view from the Cape and the Islands. Although I don't own shorefront property on the Cape or the Islands, I do agree that this is a legitimate public concern. But we cannot generate electricity without some adverse impacts.

When the Eiffel Tower was built, the leading artists of the day wrote a letter of protest, describing the tower as an "odious column of bolted metal" whose shadow would spread across the city "like an ink stain." Eiffel replied in his own defense that "the very conditions which give strength also conform to the hidden rules of harmony." In other words, a structure designed purely according to engineering principles can be beautiful. History has proved Eiffel correct.

If the Cape Wind project is approved and wind turbines are placed in Nantucket Sound, I predict that the aerodynamic design of the turbines, and the strong association that this technology will have with clean energy, will result in a neutral or positive visual impression for most observers.

2327

We live in a fragile biosphere in which the science of ecology and the wisdom of Native Americans tell us that all things are connected. Energy shortages, air pollution, acid rain, increasing incidences of asthma, Middle East tensions, economic instability, and global warming are all interrelated problems. When one of these problems gets worse, it makes everything worse. But by the same token, when we work to fix one of these problems, we can have a positive impact on all of them.

There is now overwhelming scientific evidence that global warming poses a major threat to our environment, our health, our homes, our communities, and our livelihoods. The effects are beginning to be felt already, and to be noticed by the insurance industry. The Cape, with its miles of shoreline, is particularly vulnerable to an estimated increase in sea level of three feet over the next one hundred years. (Beachfront property owners take note!) We simply must adopt renewable technologies like wind power to address the threat of global warming and put our industrial society on a viable, sustainable path for the future.

12/10/04

Dear Lem: I am anti-ward farm.

I am 33 years of age and I remember when the mass letters came into being in order to enhance our educational system & schools at colleges in my state would be available to anyone seeking to further their education. "State of the art" was not avoid - but the only reason that I can see in higher salaries and outrageous retirement benefits for the likes of Budget & Gilbert Shome on us!

Some reasoning behind the building of nuclear plants i.e. ~~out~~ out lit. costs in all forms would be available at a much lower cost. General Public is still waiting for that to happen Shome on them!

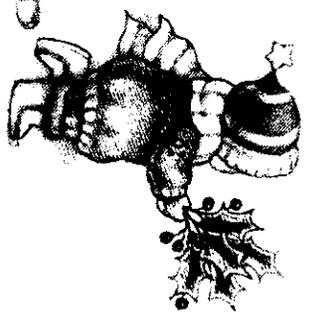
Now, once again, a similar crowd suggests we build a wind farm. I wonder what their goal is this time. I also remember many years ago, Brittle Davis attempted to get permission to build some sort of structure off the coast of Hampton Beach, New Hampshire. The State denied his request. His hope was to build a wind farm.

Now, once again, a similar crowd suggests we build a wind farm. I wonder what their goal is this time. I also remember many years ago, Brittle Davis attempted to get permission to build some sort of structure off the coast of Hampton Beach, New Hampshire. The State denied his request. His hope was to build a wind farm.

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2328



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DEC 16 2004  
LABORATORY DIVISION

2329

Donna Riley  
PO Box 129  
South Yarmouth, Ma  
12/12/2004

My name is Donna Riley. I have lived 8 house lots from South Yarmouth's beach for 30 years. I love the beach. I love the view. But we have to stop relying on oil from unstable countries for our fuel source. The lives of our young men are not worth the cost. The wind farm isn't the whole answer but it is a start. The answer is far more complex. There has to be more money spent on research and development of new technologies and refining the ones we have now. By the time the windmills are up they will no longer be the largest project. Many more are on the drawing board. We have to stop funding big oil and put money into state of the art projects.

Who thinks that the smoke stack from Mirant's power plant on the canal is beautiful?

Why can't a few more windmills be put at this site? Also there are places along route 6 that could be utilized for windmills. I realize that the caps on landfills cannot be compromised, however there could be windmills around the perimeters of these properties. Once people realize the benefits and that the cost is effective they won't be so frightened of change. Look at Hull. They started with a smaller scale wind mill and the success of this first endeavor has encouraged them to build a larger model. This project shouldn't be side stepped because it is in a more upscale neighborhood. Environmental concerns should be on the plate for everyone. Once we start in this direction who knows where it will lead? Maybe, to better air quality. Maybe to less wars, because we won't be rushing in to save oil on a pretext of saving people from a dictator

RECEIVED  
DEC 15 2004  
PROPERTY DIVISION

Lee & Chris Matthys

7 Chippers Lane, Mashpee, MA 02649  
Tel. 1-508-477-5194,  
Email: [mat5320@juno.com](mailto:mat5320@juno.com)

2330

December 12, 2004  
Re: NAE-2004-338-1

Cape Wind Energy Project  
ETS Manager, Sarah K. Adams  
US Army Corps of Engineers - New England District  
Regulatory Division  
696 Higgins Rd, Concord, MA 01742-2751

Dear Ms. Adams:

We wish to express our thoughts on the Nantucket Sound Wind Farm. Being environmentally concerned we are very much in favor of alternative energy sources.

However, we are of the STRONG opinion that we must not take a prized vacation sound and turn it into an industrial park which we feel 130 windmills would create. Nantucket Sound is the worst place that one should consider. Anywhere but there! There is already great boat traffic out there, we must not add to the environmental stress of another 130 items of activity.

Further, we feel the Federal Government needs to establish national guidelines for all off-shore activities as well as with land zoning by-laws. There are too many loose ends to consider before any project of this magnitude be allowed to go forth as a first anywhere.

Do not destroy Nantucket Sound, please, please help us.

REGULATORY DIVISION

Sincerely,  
Elizabeth K Matthys  
and LTM

2331

P.O. Box 408 - Falmouth, MA 02541

December 12, 2004

Karen K. Adams  
Cape Wind Energy Project EIS manager  
U.S. Army Corps of Engineers  
New England District  
Regulatory Division  
696 Virginia Road  
Concord, MA 01742-2751

RECEIVED  
DEC 13 10AM  
REGULATORY DIVISION

Re: Written statement about the proposed Cape Wind project

After careful consideration, I strongly support the installation of a wind farm in Nantucket Sound. Please put this statement in the public record.

I am a 14 year resident of Falmouth on Cape Cod. I wish this power plant wasn't necessary, but now we will pay the consequences for our society's continued addiction to a wasteful way of life.

It is no longer good enough for a family of four to have a small, 1000 sq. ft cottage. Now, 4,000 sq. ft., air conditioned, year round heated homes are the norm with bigger refrigerators, computers, halogen lights and other electronic gadgets. Our toys even waste electricity when they are turned off, sitting in 'standby' awaiting the flick of a remote. Such construction and consumption sees no sign of abatement as wealthy retirees flock here, but we don't want to turn them away, they are the heartbeat of the Cape's economy.

As we refuse to conserve power, we need more sources. There are three possible solutions. Nuclear, coal or oil fired plants, or a wind farm. My order of preference are as follows:

#1 choice: Wind Farm: The tradeoff of a few matchsticks on the horizon is a fair price to pay for our greed and wastefulness as a society. Cape Wind has demonstrated that Horseshoe Shoal is the optimum place for getting the power to shore and avoiding shipping lanes. I will comment on the issues that are typically brought up in opposition to the wind farm.

**Navigational Hazards:** Deep draft boats cannot be on the Shoal anyway. If recreational boaters cannot avoid these highly visible and widely spaced objects, then they have no business being out on the water.

**Fishing:** Deep draft boats cannot go there anyway, but small recreational fishing boats would find fishing enhanced by the structure that fish love so much. I would propose that Cape Wind allow boaters to tie up to the towers to fish the rips more conveniently. Small fish can use sheltered areas near the towers to grow and undisturbed bottom structure allows places for marine life to grow fish to breed.

**Birds:** Birds are capable of avoiding the towers. Birds are killed by guy wires which are much harder for them to see than large diameter white painted towers. In fact, birds will benefit from the same thing fishermen will, more structure for fish. More damage is done to birds by oil spills.

**Light pollution:** We already have plenty of light pollution on Cape Cod and the Islands and it show no signs of slowing. We have no local ordinances that reflect any serious desire in this region to protect nighttime visibility such as in New Mexico.

2331

Wind Farm Statement, Marinna Martini

Page 2 of 2

**Eyesore:** These are not like looking at oil towers in the Gulf of Mexico. These will be at worst like matchsticks on the horizon. As to the daytime visibility, continued degradation of our air quality will make the towers harder to see anyway, for while the wind farm is an important start, we still get plenty of air pollution from states to our west.

**Noise Pollution:** I have seen and heard the wind towers in South Point, Hawaii. You have to be within a mile of them to hear them. Fog horns might be heard ashore, but aren't the horns of Nobska Light and Buzzards Bay Light well tolerated and no one seems to be calling for those to be torn down.

**The Pristine Nature of Nantucket Sound:** I have to wonder how many recreational boaters are dumping trash, pumping out septic holding tanks, etc. in the Sound as they have their fun there. If you really want to keep it pristine, put a fence around it and keep everyone out, forever.

**Marine Environment:** There will be a single, short term disruption, but only where the towers and cables will be sited. This is quite different from the continuous bottom disturbance by fishing nets dragged along the bottom which leaves long term and repeated effects. I refer to work done on Stellwagen Bank by Page Valentine of the U.S. Geological Survey.

**Private Profit on Public Land:** What's new here? What's OK for oil in the Gulf of Mexico, drilling in Alaska, National Park Service concessions, the lumber industry, the ranching industry, is suddenly no good for wind power?

**#2 choice: Nuclear power:** build more nuclear plants locally and/or overhaul Pilgrim. This is a proven technique and can be safe. But where do we put the spent fuel? How do we assuage public paranoia? If they can't handle a wind farm, how do we convince them to live next door to more nuclear plants?

**#3 choice: build more coal or oil fired plants:** We will have to do this on or near Cape Cod too, and we will have to breathe the pollution that comes out of it. Matchsticks on the horizon are not the same risk to one's health. Who will police the barges bringing in the oil? We already have the proven results of oil spills, direct damage to beaches and shellfish beds that are our economic lifeline. I contend that bathers would rather see matchsticks on the horizon than sit in oil soaked sand.

In short, if all we have to put up with is sticks on the horizon, it is a small price to pay for the clean power we will get, and the cheapest long term solution to our short term greed.

Sincerely,



Marinna A. Martini  
P.O. Box 408  
839 West Falmouth Highway  
Falmouth, MA 02541

2332

**P. BURKE FOUNTAIN**  
*Attorney at Law*  
111 DEAN STREET • ROUTE 44  
TAUNTON, MASSACHUSETTS 02780-2717

508-822-7373  
FAX: 508-880-7888

December 15, 2004

Ms. Karen Kirk-Adams  
Cape Wind Energy Project EIS Project Manager  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, Massachusetts 01742-2751

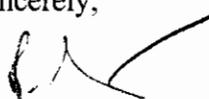
**RE: CAPE WIND ENERGY PROJECT**

Dear Ms. Kirk-Adams:

Thank you and the Army Corp of Engineers for all the work you have done to objectively study and evaluate the environmental impact that the Cape Wind Energy Project would have on the Cape Cod ecco-system.

I support this project based on the information that you and other professionals have compiled. We need to support projects that offer clean renewable energy solutions in New England. We especially need to support those projects whose only negative impact is minimal and aesthetic in nature.

Sincerely,



P. Burke Fountain

PBF/dcr

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DEC 15 2004  
U.S. ARMY CORP OF ENGINEERS

2333

**ELEANOR M. LYNN, ESQ.  
ATTORNEY AT LAW  
18-2 AMERICA WAY  
SALEM, MA 01970  
978-741-8756**

December 12, 2004

Karen Kirk Adams  
Cape Wind Energy Project EIS Project Manager  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

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DEC 16 2004

COMMUNICATIONS SECTION

RE: Cape Winds

Dear Ms. Adams:

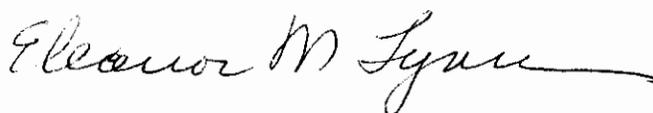
As a resident of Salem, Massachusetts, living under the pollution emitted by the Salem Harbor Generating Station, I want to lend my strong support to the Cape Wind proposal to begin the transition of this country from dependence on fossil fuels for electric power generation.

I note with interest that European countries are much further ahead in this area, having active wind farms in practically every European country. I found information on the internet on wind farms in Germany, Holland, Scotland, England, Spain, France and many other countries. One headline read: **“Offshore wind: Europe’s major indigenous energy source could satisfy all of Europe’s electricity demand”**. Imagine that wind energy could supply all of our electricity. That is an astounding statement and one which we should be embarrassed to respond to. What would be our response?

Well, we have a few rich people who live along the Cape Cod shoreline who think that the view of these silent sentinels would be offensive to them. Not concerned with the greater good of freeing ourselves from our obscene dependence on imported foreign fuel sources, and having to send the flower of our youth to secure those oil sources in the Middle East, these selfish people want to stand in the way of the greater good for all...freedom from dependence on fossil fuel. Shame on them!!

The due diligence has been done. Your report has been made. There is nothing, absolutely nothing, to prevent this project from moving forward. Move us forward to energy independence...one small but significant step. Let’s get moving!! Issue your final approval and let’s get started! We have a lot of catching up to do.

Very truly yours,



2334

We are not opposed to wind power. Before any wind power facility is built, we would like it to be engineered so that experts don't argue about its effectiveness, and the region is not left with an early stage development of wind power that didn't work.

However, we are opposed to any offshore wind project located in Nantucket Sound. From our prospective, we would support a similar project offshore and out to sea past the islands. While we understand that it would be cheaper to build in the Sound, there should be consideration to the substantial negative impacts for the Cape Cod region to building in the Sound that offsets the reduced capital investment of the Sound:

Negative economic impact to the Region. This is a resort economy driven by natural beauty. This is a region that has spent the last 45 years protecting and improving its beauty.

1. Electrical and telephone lines have been buried as a result of government planning and enforcement, and of private parties choosing to invest in burying utility lines. Among other unsightly structures, Nantucket has removed its electric power station from downtown Nantucket.
2. Local governmental agencies have initiated tough restrictions on coastal building so approaching visitors will not find unattractive buildings or structures.
3. Nantucket has 45% of its land in a conservation plan and ownership. Through land bank fees on all sales and by private contributions, Nantucket has invested heavily in maintaining its open lands - \$15 million in 2004 alone.

Once the region's beauty is diminished, it is difficult if not impossible, to replace it without removing the structure. There is no way anyone can assure the public that the unsightly wind mills will have an insignificant impact to the economy.

New zoning to the Region without public approval. Unlike other areas, this Region is overwhelmingly a resort area. Approving this project will create an effective industrial zone for the Sound. This approval will be a precedent for other similar wind projects. Already, there are other developers planning for similar projects. The alternative sites will become primary sites for further development. There is no way anyone can assure the public that this first project will not create a new zoning for the Sound.

Increased Risks to Public Safety. People driving private and commercial vessels will incur increased risks. Birds and sea creatures will be in danger as well. Because we are a region dependent on sea vessels for daily supplies and support, our residents have a particularly vested interest in the safety of our waterways. Almost everyday our commercial pilots at sea and in the air have to confront wind, fog, rain or ice. This project will complicate our transportation system by decreasing its current efficiency. Today when there is wind, we fly, and when there is fog, we boat to and from the mainland. As both wind or fog are daily events, this project will either reduce the trips or increase the danger for the pilots. There is no way anyone can be assured that this Project will not compromise our public safety.

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DEC 16 2004

REGULATORY DIVISION

*[Signature]* 12/13/04  
*[Signature]* 12/13/04

**Comment Sheet**  
**On Draft Environmental Impact Statement (EIS)**  
**For the proposal for an Offshore Wind Project**  
**In Nantucket Sound**

Name: DAVID M AND DANA B. BOYCE

Address: 8 Hedge Row Siasconet, MA 0564  
PO. Box 453 " " "

Phone Number (Please include area code): 508-257-4538

Email Address: DAVID@BOYCEREALTYNANTUCKET.COM

Please state your questions/comments in the space below:

See ATTACHED

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

Dear Army Corps of Engineers:

2  
335

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, Robert H Taylor

Print Name ROBERT H. Taylor

Address 39 Tower Hill Square

City Osterville, State MA

Date 12/16/04

RECEIVED  
DEC 16 2004  
REGULATORY DIVISION

Zip 02655

Dear Army Corps of Engineers:

2  
336

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, Kip Robbins

Print Name KIP ROBBINS

Address 7 MAMMACK LN.

City Nantucket State MA

Date 12/16/04

RECEIVED  
DEC 16 2004  
REGULATORY DIVISION

Zip 02554

2337

~~2337~~  
2337

Dear Army Corps of Engineers:

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, *[Signature]*

Print Name DAVID J. ROACHE

Address P.O. Box 565

City HYANNIS MA State MA Zip 02647

RECEIVED  
DEC 16 2004  
REGULATORY DIVISION  
Date 12/16/04

Dear Army Corps of Engineers:

<sup>2</sup>  
2338

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, *[Signature]*

Print Name JOHN H. ARTHUR MD

Address PO Box 719

City OSHEVILLE MA State MA Zip 02672

RECEIVED  
DEC 16 2004  
REGULATORY DIVISION  
Date 12/16/04

Dear Army Corps of Engineers:

2  
0339

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, Alan T. McDonough

RECEIVED  
Date 12/10/04  
DEC 12 2004  
REGULATORY DIVISION

Print Name Alan T. McDonough

Address 2 Brookfield Road

City Dover State MA Zip 02030

2340

12-12-04

Dear Army Corps of Engineers,  
Cape Wind Draft Environmental  
Impact Statement document  
Please extend the review  
period to 180 days.

Sincerely,

Patricia Baker  
43 Sunset Pt.  
Osterville, MA.

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DEC 16 2004

REGULATORY DIVISION

2341

6570 Olde Stage Road  
Boulder, CO 80302  
December 12, 2004

Karen Adams  
U.S. Army Corps of Engineers, New England District  
696 Virginia Rd.  
Concord, MA 01742-2751

Dear Madam,

Re "Cape Wind" wind turbines and transformer installation:

Because this installation in this location can take a heavy toll on birds, kindly require careful study of this project. We need the energy but we also must require the developer to follow through on the comprehensive studies to determine if this location is suitable for such development. Please require him to follow USFWS's bird research protocol and take steps to minimize harm to birds, bats, and marine mammals.

Sincerely,

*Madeline Day*  
Madeline Day

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DEC 15 2004

U.S. ARMY CORPS OF ENGINEERS DIVISION

2342

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Sherry Malone

Address: 54 Sea St Ext #34  
Hyannis, Ma 02601

Phone Number (Please include area code): \_\_\_\_\_

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I am they show that  
the wind project is not a good  
idea.  
Am opposed to it

Thank You  
Sherry

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

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DEC 16 2004

REGULATORY DIVISION

2343

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: JEANNE HICKS

Address: 40 LIBERTY ST. NANTUCKET MA  
02554

Phone Number (Please include area code): 508 680-6587

Email Address: JSH@NANTUCKET.MA

Please state your questions/comments in the space below:

Please don't allow the Wind Farm.  
The WF would impact the historical  
part of the cape, Oil spill Risks,  
Light Pollution, NOISE, Marine life  
Risk, Bird kill, Aviation DANGER,  
commercial Fishing Impact. Bird kill  
NO positive aspects. !!  
BOATING DANGERS!!

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NOV 19 2011  
NANTUCKET REGION

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

2344

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Frank Di Gregorio

Address: ~~W. 20~~ 20 Neptune Lane

S. Yarmouth

Phone Number (Please include area code): NA

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I DO NOT support the  
Wind Farm Project.

It is a bad location  
for such an immense  
project of it's kind. AND  
in such a violation of  
a natural setting.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

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SEP 10 2004

2345

RECEIVED  
DEC 16 2004  
U.S. ENVIRONMENTAL PROTECTION AGENCY

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Anna Gentile

Address: 8 Camassa Terrace  
Worcester, MA 01604

Phone Number (Please include area code): 508-753-6992

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I do NOT support the Windfarm  
Project. It does not make  
Reasonable sense to build  
an industrial Park on  
Ocean land - Too high cost  
for maintenance and risk  
for damage of a  
prestene site as Nantucket  
Sound. I am a tourist to Cape Cod

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

for the beaches not the industrial look  
of wind turbines.

2346

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Thomas R. Daener

Address: 12 Melbourne RD  
Hyannis, MA 02601

Phone Number (Please include area code): 508-778-4119

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I do not approve the  
Wind Farm project. It would  
endanger the navigation of  
sailors AND fisherman AND  
BOATERS. As well as create  
to be a risk for an  
environmental disaster.  
We need to look for a  
more reasonable site; less risky  
SITE for a project particularly of  
this size and of this new project  
development.

RECEIVED  
DEC 16 2004

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

2347

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Rose Di Gregorio

Address: 12 Melbourne RD

HYANNIS, MA 02601

Phone Number (Please include area code): 508-770-4119

Email Address: rose.digregorio

Please state your questions/comments in the space below:

I OPPOSE The Windfarm  
Project. because of the location  
of the proposed project.

Other location options have to  
be explored AND approved  
by the public At large.

Do not approve this  
Windfarm Project.

We need to consider alternative  
energy resources AND Conservation  
MUST BE an OPTION AS WELL AS Development.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

2348

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: yachtsman from

Address: Falmouth

Phone Number (Please include area code): \_\_\_\_\_

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

Where will the power cable be  
coming ashore? Will it  
interfere with anchoring  
options in any harbor?  
Does Hyannis Harbor master  
understand implications  
of having cable in the harbor?  
Will it be like Vineyard  
Haven? Please review implications  
of where cable line gets laid &  
whether channel will be  
able to be dredged thereafter.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

RECEIVED  
MAY 15 2014  
NANTUCKET CITY ENGINEER

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

RECEIVED

DEC 15 2004

REGULATORY DIVISION

2349

Name: JOHN W. FERINE

Address:



Phone Number (Please include area code): 508-428-7260

Email Address: N/A

Please state your questions/comments in the space below:

I'VE ONLY LIVED ON CAPE COD FOR 2 YRS., HOWEVER  
I'VE BEEN VACATIONING THERE SINCE I WAS A YOUNG  
BOY. AS I GREW UP, I'VE COME TO THINK OF CAPE COD  
AS A NATIONAL TREASURE.

IN MY TRAVELS WHEN I TELL PEOPLE THAT I LIVE ON  
CAPE COD, THEY LIGHT UP WITH QUESTIONS ABOUT THE  
BEACHES, FISHING, BOATING, CLAMMING IN AND AROUND  
NANTUCKET SOUND. MOST PEOPLE THINK OF NANTUCKET  
SOUND AS A PRISTINE PLACE TO GET CLOSE TO, AND  
ENJOY NATURE AT IT'S BEST.

I STRONGLY OPPOSE THE BUILDING OF 130+  
WIND TURBINES AND THE HOLDING OF 40,000 GALS OF  
TRANSFORMER OIL IN NANTUCKET SOUND.

I'M A FIRM BELIEVER IN RENEWABLE WIND ENERGY.  
IN FACT I WORKED FOR UNITED TECHNOLOGIES ALMOST 30 YRS.,  
AND THEY WERE ONE OF THE EARLIER DEVELOPERS OF MASSIVE  
WIND TURBINES.

I STRONGLY BELIEVE THE U.S. MUST MOVE AWAY FROM OUR  
DEPENDANCY ON FOSSIL FUELS, AND DEVELOPE MORE RESPONSIBLE,  
ENVIRONMENTALLY SAFE METHODS FOR GENERATING ENERGY.  
BUT PLEASE NOT IN NANTUCKET SOUND WITH 130+ WIND TURBINES,

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

EACH MEASURING ALMOST 150 FT. HIGHER THAN THE BOURNE BRIDGE.  
THANK YOU FOR THE OPPORTUNITY TO EXPRESS MY CONCERNS, AND OPINIONS.

2350

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Robert Walder

Address: 5 Station St

Phone Number (Please include area code): 508 325 4244

Email Address: sturville26@yahoo.com

Please state your questions/comments in the space below:

please dont Turn our Beautiful <sup>Sound</sup> into  
an electricity industry I would prefer  
some effort to be made for Conservation  
and maybe if electricity costed more  
we would not waste as much

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NOV 15 2011  
TOWNSON

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

235/

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: KEN LEONARD

Address: 292 WINDING COVE RD.  
HARSTONS MILLS, MA  
02648

Phone Number (Please include area code): 508-776-2842

Email Address: KEN.LEONARD@LPAPER.COM

Please state your questions/comments in the space below:

"MY QUESTION IS RELATIVE TO A  
CONFLICT OF INTEREST" REGARDING  
CAPE WIND COMPENSATING THE  
CONSULTANT CO. THAT CONDUCTED  
& PUBLISHED THE 4000 PAGE STUDY.

THIS SMACKS OF ANOTHER "ENRON"  
DEBACLE BUT WITH A PUBLIC  
GOVERNMENTAL AGENCY.

THE PROCESS NEEDS TO BE  
REVERSED AND ANOTHER  
REVIEW FROM SCRATCH WITH  
AN OBJECTIVE STUDY.

THANK YOU

Ken Leonard

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

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DEC 15 2007  
REGISTRATION DIVISION

2352

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Robert Terrill

Address: 30 N. Seaside Lane  
Yarmouth Port, MA 02675

Phone Number (Please include area code): (508) 262-9827

Email Address: RobertTerrill@comcast.net

Please state your questions/comments in the space below:

I oppose the proposed wind farm in the sound, for one reason. There are no guidelines as to the responsibilities of the owner (1) of the venture; and (2) what profits the company may make if it is successful. I would support the project if there were the guidelines in place similar to the guidelines that are in place for the electric utility industry.

I must add that I was disappointed we did not have a discussion of the Corps' report, study. I would have written my time - or a number of evenings - to get down to know the pieces that have already been heard.

Robert Terrill

ENCLOSURE

DEC 15 2006 Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

WATERWAY DIVISION

PLEASE READ THIS

2353

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

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1982 9 1 978

NANTUCKET

Name: DOROTHY HESSELMAN

Address: 14 QUAKER RD  
NANTUCKET, MA 02554

Phone Number (Please include area code): 508-228-9972

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

The Army Corps of Engineers does not appear to have understood the extent of endangerment to our shipping lanes and air traffic from the potential construction of an industrial windmill complex in Nantucket Sound. This is a small vulnerable area, frequently affected by fog and high winds which increase the element of risk. Ten thousand people live on Nantucket and forty to fifty thousand more visit Nantucket in the summer. All of these people must rely on boats and airplanes to get here and for all their supplies and services. You cannot build a factory in an airport or train station or on a highway and you should not build one in Nantucket Sound. Open study is highly prejudiced in favor of the company that paid for it.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

**Richard L. Doege**  
**41A Symphony Road**  
**Boston, Massachusetts 02115-4002**

2354

doege@post.harvard.edu  
(617) 851-1650

20 December 2004

Corps of Engineers, New England District  
Attention: Karen Kirk Adams  
Cape Wind Energy Project EIS Project Manager  
696 Virginia Road  
Concord, MA 01742-2751

## Competition and a New Source of Electric Supplies

### **OPEN LETTER in Support of Cape Wind**

Sirs and Madams:

#### Importing and Hauling Electricity.

The supply of electricity to homes and business in the Commonwealth has seen no improvement since the fifties. New power plants have been brought on line, including a nuclear plant. But while the supply has increased, demand has risen further. At substantial cost, Massachusetts now buys one-fifth of its electricity from other states and Canada.<sup>1</sup> The annual deficit amounts to about one billion kilowatt-hours. Electricity is transported over long distances across the state's borders, as well as from generators at one end of the state to users at the other end. Long distance transportation is expensive for any commodity, no less for electricity. About fourteen percent of generated electricity is lost on the way to consumers, a loss that can be mitigated by putting supply closer to demand.

Cape Wind and other renewables projects that can supply local demand will have the effect decreasing electricity imports and decreasing the costs of hauling electricity across the state.

#### Efficiency and Competition

The paucity of efficiency improvements in electricity supply is extraordinary. Every other sector of the economy seems to have made huge efficiency gains in the past 50 years. Wherever you look -- agriculture, computer memories, manufacturing -- output per unit input has risen. But not in electricity supply. The remarkable stagnation in this supply sector reflects the absence of incentive to innovate. Before and after deregulation, the firms responsible for electricity supply have been sheltered from market forces. As monopolies, they

<sup>1</sup> U.S. Dept. of Energy, "EIA State Energy Profiles for 2002," Table 1.

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NEW ENGLAND DISTRICT

have not been obliged to invest in technologies and adopt practices that would drive up their efficiency. The phenomenon of indifference to efficiency by monopolies is well understood. Competition is the market principle at issue. While in the past there was a rationale for these "regulated monopolies," the down side has always been a lack of motivation to increase supplies and improve efficiency.

An important attribute of renewables projects like Cape Wind is electricity supplied by many generators spread across the state rather than by a few large producers that used to be "public utilities" before deregulation. More suppliers mean more competition, and hence, more efficiency.

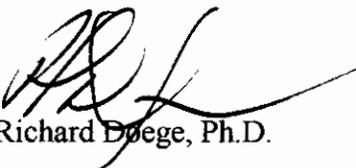
#### Reliability, Pollution, and Prices

Renewables projects will enhance the reliability of electric supply. In the event of a power failure, a larger number of producers spread out over the region assure that supply would persist around the failure. The blackout area could be isolated from the rest of the New England.

Wind power is less polluting than older, large generating plants.

Massachusetts residents and businesses pay electricity prices that are among the highest in the nation. Many urban residents, like me, pay over 12 cents per kilowatt-hour, which is twice the national average. High electricity prices adversely affect competitiveness and are a burden on economic development, including employment. Cape Wind and other renewables projects will lower prices by adding supplies and by fostering efficiency through competition. The costs of importing and hauling electricity will be reduced. Renewables suppliers like Cape Wind will improve human health in the Commonwealth by reducing pollution.

Thank you.



Richard Doege, Ph.D.  
Environmental Economist

2355

P.O. Box 1163  
West Tisbury, MA. 02575  
December 19, 2004

U.S. Army Corps of Engineers  
New England District  
Cape Wind Energy EIS Project  
ATT: Kate Kirk Adams  
696 Virginia Road  
Concord, MA. 01742

SUBJECT: Nantucket Sound Wind Farm

Dear Ms. Adams:

I am a resident of Martha's Vineyard and writing because I unfortunately was unable to attend the public hearing. I would greatly appreciate your considering my comments on the Nantucket Sound Wind Farm business proposal.

#### SUMMARY

I do not support the Nantucket Sound Wind Farm business proposal – based upon the facts provided. The following provides the reasons:

While I support and believe in the objective I do not think this wind farm is a viable long term strategy but, rather a short term business opportunity that is being exploited because of a lack of strategic planning at the federal level. Since this proposal involves federal land and federal tax payer funding for the Army Corps studies I believe the wind farm must be evaluated at the macro level rather than the micro level.

#### LACK OF A STRATEGY

To truly have an impact on the need to reduce the country's reliance on fossil fuels the strategy must hinge on the number one use and cause of the problem – automobile emissions. While I do not have access to the data I am confident that if the weighted average fuel economy of all registered cars in the United States increased by two miles per gallon, our demand for imported oil would significantly decline.

In terms of energy production, I believe we must solve the issue with new technology such as photo-voltaics. A truly decentralized power generating strategy using solar energy seems to have more promise than a "back to the future" use of mechanical wind mills. The prospects for the topical application of photo sensitive coatings on roofing shingles – or for that matter any surface – is very exciting. This should get a level of attention and funding that challenges the nation's defense budget. After all, we are talking about national security when it comes to the country's need for imported fossil fuels.

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U.S. ARMY CORPS OF ENGINEERS  
NEW ENGLAND DISTRICT

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The materials about the Nantucket Sound Wind Farm project provided by the Clean Power Now organization admitted the U.S. Commission on Ocean Policy does not have a comprehensive policy on the development of off-shore wind farms. To move forward and build this project without more information on all of its benefits – and costs – is no different than entering a war without a post war plan and exit strategy. The Nantucket Sound is a national treasure that does not belong in an energy production laboratory. The first offshore wind farm in the United States, the Nantucket Sound Wind Farm should NOT lay the groundwork for a host of other renewable energy facilities in this country—as professed in the information provided. How many rockets failed in the country’s quest for outer space exploration in the 1960’s? Nantucket Sound should not be a test ground for a wind farm.

### INCONSISTENT FACTS

The data provided before the public hearings was inconsistent which punctuates even further the lack of planning and thought. Here are some examples:

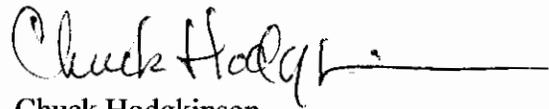
1. “When the Nantucket Wind Farm becomes operational, it will cause the Canal Plant and others to cut their output, reducing pollution in our air and the amount of oil being unsafely transported through our waters.” This comment is followed by “The Massachusetts Electric Facilities Siting Board has projected that by the time the wind farm starts operations in 2007, the region will need the extra power it will generate.” This suggests the demand and use of fossil fuel generated power in the Cape Cod region will not decline with the addition of the wind farm.
2. “The wind farm has the potential to offset as much as 2 million barrels of oil a year with a fuel that has zero cost and will last forever.” This statement is followed by: “..The Nantucket Sound Wind Farm will offset up to 82 million gallons per year, equivalent to one-quarter of the output of the canal plant and improving our balance of payments by as much as \$100 million (based upon current oil prices of \$50/bbl.)” There is quite a difference between 2 million and 82 million barrels of oil.

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~~2357~~

3. The projected job creation and economic benefits for the wind farm project is misleading. If in fact, the wind farm will reduce the production of the Canal fossil fuel plants by 25 percent, what is the net impact of the wind farm on jobs and the economy? I am quite sure the fossil fuel burning plants cannot support their current staff if production is reduced by 25 percent. Jobs will be lost because of the wind farm.

Please consider these comments and employ an approach that suggests, in this case, it may be more prudent to retreat and act rather than to advance and react.

Sincerely,



Chuck Hodgkinson  
508-696-9322

15 December, 2004

My name is Chris Lynch and for The Record, I represent myself here today. I live on the south side of Mashpee, in the section called Popponesset Beach. My family has been here since 1951.

We feel that Nantucket Sound is a treasured place to be cared-for and enjoyed, and not used as an industrial park, and I do not think the wind farm on Horseshoe Shoals should be constructed.

My comments regarding the Wind Farm EIS/EIR are these:

1. NAVIGATION – Altho it is true that no commercial carriers operate on top of Horseshoe Shoals, many, many individuals go boating out there to fish and recreate, and to enjoy the peace and quiet of the surroundings. I cannot believe that with so many wind generators running it will possibly be peaceful out there at all.

Additionally, there is a perceived danger that any nautical accident which occurs out there is going to require Boat Response by the Coast Guard because the helicopters will not fly into the area without significant danger. Hopefully this compromise will not cause loss of life due to extended response time; in that the small boats of the CG can operate at, say 30knots, while the helicopter operates at 150knots – 5 times faster, with 20% of the response time of the boat crews. Not a good idea.

2. FIN FISH – Any Fisherman worth their salt will tell you that to a fish, vibration is like vision. Fish feel their food, they feel their enemies, and are acutely aware of what is in their environment. With that in mind, how can a rotating propeller, mounted 200+feet up on a single pylon stand NOT transmit vibration to the sea floor ? Instead of the comments of the developer that the fish will treat these like other 'man-made' habitat – artificial reefs, if you will. I contend that the disturbance of the floor during construction, combined with a constant (although varying w/ wind speed) vibration in their habitat will chase them away for good. Not a good idea.
3. BIRDS – While there are birds in the area which are not always the most 'neighborly' of residents (namely cormorants & some species of gull) to off-handedly say the generators "will cause some avian mortality" is to dismiss the importance of a species and its place in the local ecology, with no further thought than of cutting one's grass. As a matter of fact, being a boater in the area of Horseshoe Shoals, I have observed numerous raftings of sea birds in the fall, hundreds and probably thousands in a flock, who rise up and fly off at the slightest provocation. Many of these are arctic birds on their annual migration to our area for shelter from the winter conditions up north. These birds seem to raft up miles from shore and should be expected to collide with the installation regularly. Despite claims that construction styling and lighting will prevent this, it is hard to see how, and where do they get the data to support this idea ? To quote the developer: "Birds don't collide with tall buildings so we can expect the same situation here". That sounds like Poor Science there. Not a good idea.

Ms. Karen Adams  
Project Manager  
Army Corps of Engineers  
Regulatory Division  
696 Virginia Road  
Concord, Ma. 01742

20 North Road  
P.O. Box 1408  
West Dennis, Ma. 01970-1408  
12/18/04

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DEC 22 2004  
MAIL ROOM

2357

Dear Ms Adams:

I am writing to express my strong opposition, as a resident of Cape Cod, to the Wind Farm proposal for Nantucket Sound, and also to suggest an extension of the period for comment from 60 days to 180 days to allow sufficient time for review of the DEIS on this controversial project.

I know of no one amongst our friends, neighbors and associates here on the Cape who is in favor of this Wind Farm. The thought of 130 massive towers and a 10 story building holding 40,000 gallons of oil all in the middle of Nantucket Sound, a beautiful natural resource, is a nightmare to contemplate. Tourism is a vital industry for the economy of the Cape and Islands. People come here to live, vacation and retire for the natural beauty of the area and the Sound. Surely 130 wind turbine towers in the Sound would severely damage our economy and adversely affect property values in our area. Surely there must be more appropriate locations for this speculative commercial development, which would be the only one in this country, if I understand correctly, with a developer without prior experience in building such a power plant.

Were the people will be the victims of this project, or the beneficiaries should there be any benefit. We are the people who should make this decision. Normally anything close to being this controversial would be decided by a public referendum so the people

2357  
 would decide. Has this been considered? How can the Army Corps possibly decide something so critically important to the residents and economy of the Cape and the Islands? What is the source of the Army Corps' authority in this matter? Are there federal statues and regulations which apply, or if not at this time should there be, prior to any decision on this project? Was Congress of the U.S. been involved or consulted at any time? I am sending copies of this letter to Senators Kennedy and Kerry.

Now I understand that the DEIS report some 4000 pages which apparently you are relying upon, at least to some degree, in your consideration of this Cape Wind proposal, was prepared by consultants hired and paid by the Cape Wind developer. How can this be fair and unbiased from your standpoint. At least the opponents of this project should have the opportunity to engage their own consultants to study and critique the DEIS report, thus the merit of an extension up to 180 days for further review is clear. Ideally the study and report should have been performed by an independent party with no ties to any of the interested parties.

I have no argument exploring wind power as an alternative source of energy from an environmental standpoint, but not at the price of compromising a precious natural resource such as Nantucket Sound. The people of Cape Cod deserve to have their opposition to this wind farm respected by your organization.

Please extend your review period from 60 to 180 days to allow sufficient time to study and review your DEIS report of some 4000 pages.

I thank you.

c.c. Senator Edward Kennedy  
 " " John Kerry

Respectfully yours,  
 Edward G. Oetheimer  
 EDWARD G. OETHEIMER

12/19/04

Dear KAREN,

2358

I am writing to you in order to add my voice in support of the **CAPE WIND** proposal to build an offshore wind farm in NANTUCKET SHOALS.

I have been an activist with environmental issues for the past 20+ years so therefore this topic is one that I think is long overdue and is needed now more than ever.

Despite the rhetoric and outright lies that the **BUSH ADMINISTRATION** would like the general public to believe, that oil is abundant and a major spill every so often causes little lasting environmental damage, the real truth lies in the opposite direction of the above mentioned political assertions.

It is my strong opinion that this nation would not be **occupying** IRAQ if there were not a rather large fortune to be had (stolen) from a "democratized" IRAQ!

Imagine how foolish any nations leader would appear if they attacked another country to gain control of their "**wind**"! Not only is harnessing the wind, waves, and sun a clean and endlessly renewable way to produce electricity there would be one giant reason eliminated to go to war!

I like electricity as much as anyone else, however I also like clean air to breathe, clean water to drink or swim in, and edible fish and plants that are not tainted with mercury.

The N.I.M.B.Y.,s that are against the wind farm might have a very different opinion had the **BOUCHARD** oil spill washed ashore at the cape instead of the western portions of BUZZARDS BAY.

**AMERICA** is supposed to be the LAND OF THE FREE and THE HOME OF THE BRAVE, I think it is time that we "free" ourselves of the middle eastern oil addiction, and be "brave" enough to face the reality of GLOBAL WARMING and CLIMATE CHANGE that the burning of fossil fuels causes, again despite what **BUSH & CO.** feed the rumor mill!

In closing I wish CAPE WIND and the U.S. ARMY CORPS OF ENGINEERS success in this endeavor for all our sakes.....THANK YOU!

sincerely,

ALAN B. SWANSON

*Alan B. Swanson*

December 14, 2004

2359

Karen Kirk Adams  
EIS Project Manager  
Cape Wind Energy Project  
Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

Dear Ms. Kirk Adams:

We want to thank you and the Army Corps of Engineers for doing such a thorough job of being the honest brokers in this very difficult situation. We lived in Acton before moving here to live on Cape Cod, and witnessed first hand the vicious distortions that fly when a NIMBY fear campaign is being waged. Specifically, when Acton wanted to implement a long standing plan to build a sewage treatment plant to protect the Assabet River from failing septic systems, all sorts of horrible images were conjured by the opposition of children killed by huge trucks rumbling through the neighborhoods, of effluent dripping from trucks on local sidewalks and streets, etc. It was many years before the town finally prevailed and of course none of the horrors ever came to pass.

As you work through the permitting process, we see the same tactics of fear and distortion being waged here, and it makes us sad and angry. But it also makes us appreciate your efforts to do the right thing. We felt from the beginning that this project was critically important to the Cape, to Massachusetts and to America. Of course, it is equally critical that a project of this type be done right, else the great good will be lost to shoddy implementation. It has always been our hope that all of us would focus not on whether or not to do this project, but rather put our efforts into insuring that it is done in the best way possible. We believe that is what you are trying to do, and we appreciate your efforts.

As we watched the story of the Buzzards Bay oil spill unfold last year, and again when the recent Delaware River spill occurred, it reinforced our desire to see you succeed in getting this project permitted. I know that you don't need us to tell you how important this project is to all of us, but we do want to offer you our support as well as our gratitude. We believe strongly in wind power and the Wind Farm and we wish you well as you move the project forward over the next year.

Warm regards,

  
Joseph and Sandy Bayne  
315 Herring Brook Road  
Eastham, MA 02642  
508-255-5200

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DEC 19 2004  
U.S. ARMY CORPS OF ENGINEERS

2360

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

RECEIVED  
MAY 27 2011  
NANTUCKET

Name: Judy JOLLETT

Address: 10 CRAB CREEK LAKE  
YARMOUTHPORT, MA. 02675

Phone Number (Please include area code): (508) 398-1991

Email Address: JJJJUDE1@YAHOO.COM

Please state your questions/comments in the space below:

My name is Judy Jollett & I speak as a private citizen. I AM OPPOSED TO THE INDUSTRIALIZATION of Nantucket Sound. I have lived here for 20 yrs. I am originally from Maryland. As a child over 40 yrs ago I used to watch Bethlehem Steel raw waste products into the Chesapeake Bay. When we swam in the nearby waters, we would splash the water to repel the dead fish floating on the surface of the water. Those steel plants now sit silent idle on the polluted shores of the Chesapeake Bay. The plant is bankrupt owned by a bankrupt corporation. This happened because industry was valued more than the environment. Don't let this happen to our beautiful natural resource. Lastly, I am very displeased with Cape Cod being given one 4 hour session to comment. This should be an ongoing dialogue.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

2361

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: SHANNON GOHEEN

Address: PO BOX 296 SOUTH DENNIS, MA 02660

Phone Number (Please include area code): 508-394-7974

Email Address:

Please state your questions/comments in the space below:

I WAS IN SUPPORT OF THE PROJECT BECAUSE I BELIEVE IN THE NECESSITY OF ALTERNATIVE ENERGY. I'M NOT CONCERNED ABOUT THE VIEW, OR TOURISM, OR THE LOOK OF THE TOWERS.

I AM CONCERNED ABOUT WHAT WE DON'T KNOW. WE DON'T KNOW HOW WE'LL NEGATIVELY IMPACT OCEAN-DWELLING CREATURES. THIS CAN'T BE POSITIVE. WE CAN'T SAY, "OOPS, KILLED SOME WHALES AND A WHOLE LOT OF BIRDS - WE'LL FIX IT." THE DEAD CAN'T BE FIXED.

FURTHER, WE CAN GET A WHOLE LOT OF ENERGY - ALL WE WANT - USING SOLAR COLLECTORS ON LAND ALREADY DEVELOPED. THIS PROJECT IS ABOUT AS FOOLISH AS DRILLING FOR OIL IN ALASKA. I WON'T STAND BY SILENT AS MY EARTH CRUMBLES DUE TO GREED AND STUPIDITY. THIS PROJECT WON'T STOP OIL BARGES, OR OIL SPILLS. IT JUST ADDS TO THE INSANITY.

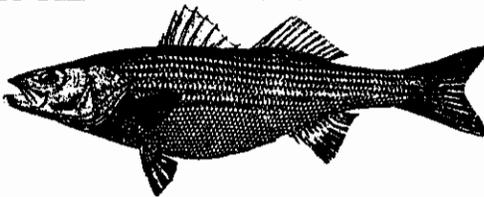
STOP THIS IN THIS NAME OF FUTURE GENERATIONS, OF THE WELL-BEING OF THE EARTH, AND FOR THE GOOD OF US

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

ALL. USE YOUR POWER TO DO POSITIVE MEASURES, NOT UNKNOWN TIME BOMBS -

# COMMERCIAL ANGLERS ASSOCIATION

Karen Adams  
Project Manager  
Regulatory Division  
United States Army  
Corps of Engineers  
696 Virginia Road  
Concord, MA 01742



2362

December 17, 2004

Dear Mrs. Adams:

Our Association is comprised of hook and line and harpoon commercial fishermen.

Although we applaud the efforts of entrepreneurs to provide a product or service for the consumer and make a good dollar for their financial backers, we unequivocally oppose the Cape Wind Farm project.

Our opposition derives from the fact that the proposed wind farm is to be situated on 24 square miles of public waterway in the middle of Nantucket Sound, which is currently *fully-utilized* by historic users (recreational and commercial boaters, mariners, and fishermen).

Allowing the Wind Farm project on currently fully-utilized public waterways constitutes an illegitimate "land grab" by a private group, for the financial benefit of....a private group.

Towers and a sub-station would present hazards to navigation, no matter how well marked, for current utiliziers of the Horseshoe Shoal resource. These waterways are the highways of mariners; a barrage of wind-mills to maneuver around would render the area off-limits for many members of the public and current users.

Such a project would be proper if established on private property *on land*--a hillside, mountain-top, promontory or high-rise building for example. However, erecting *permanent* structures on a common public waterway should be proscribed by the relevant authorities as being an unacceptably obtrusive use by one private entity, and as a socially-malignant estoppel of traditional activities that are at once various and disparate, but substantially compatible.

Commercial fishermen have been suffering enough from private property gentrification in harbors precluding water-front access; we do not need to be pushed away from off-shore public waterways as well.

Sincerely,

Russell E. Cleary

A handwritten signature in cursive script that reads "Russell E. Cleary". The signature is written in dark ink and is positioned to the right of the typed name.

copies sent to: various public officials

---

30 BUTLER AVENUE, MAYNARD, MA 01754

978-461-0966

"CONSERVATION FOR THE BENEFIT OF ALL"

2363

Karen Kirk-Adams  
Cape Wind Energy EIS Project  
New England District  
696 Virginia Rd  
Concord, MA 01742-2751

December 10, 2004

Dear U.S. Army Corp of Engineers,

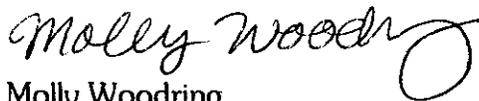
I am writing to show my support for the Cape Wind Energy Project. Wind power is an exciting and underutilized source of energy, and I am personally thrilled at the prospect of having a wind farm nearby. For years it has bothered me that Americans ignore clean energy sources in favor of polluting fossil fuels. Now is our chance to finally take a step in the right direction, and it would be heartbreaking if we somehow let it slip through our fingers.

Last year, there was some talk about the possibility of putting in a wind turbine in my hometown, Bristol, Rhode Island. I'm not completely sure of the specifics, but I believe there was a grant available for the first town that was willing to get one. Anyway, some students from Roger Williams University came to one of my classes to give us a presentation on wind power, and to conduct a survey of our opinions. Even though some of my classmates were skeptical at first, everyone was convinced of the benefits of wind energy by the end of the class period. Unfortunately, the proposed wind turbine was never built because there was too much opposition from residents. Which, needless to say, was a very disappointing development.

Honestly, I find it extremely difficult to even imagine why anyone would be opposed to wind power. Not only do wind turbines benefit the environment in general, but they also prove extremely beneficial to the place where they are built. If town and city officials were smart, they would be doing all they could to create wind farms.

Our current energy sources are old fashioned and dangerous. While other countries are beginning to move on, we in the U.S. continue to use up more than our fair share of the world's resources. Wind turbines on Cape Cod will not harm or inconvenience residents at all, and it will set an important precedence for other states and regions. It is time to face the facts about fossil fuels, and accept the alternative energy sources that so many already have.

Thank you,

  
Molly Woodring

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DEC 22 2004  
REGULATORY DIVISION



2364

Serving the Economic Needs of the Martha's Vineyard Community

December 10, 2004

Ms. Karen Adams  
Project Manager  
Regulatory Division  
696 Virginia Road  
Concord, MA 01742

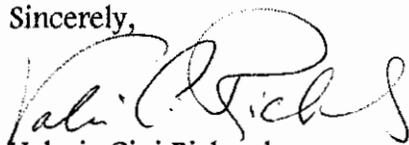
Dear Ms. Adams,

This letter is to inform you that the Martha's Vineyard Chamber of Commerce has been and is still opposed to the Cape Wind Associates plan to build a 130-tower wind farm in the Nantucket Sound. While the Chamber supports the concept of developing clean, renewable energy sources, the industrialization of one of America's greatest treasures primarily for profit is not in our regional interest. The Cape and Islands have led the nation in protecting unique and fragile natural resources and now is not the time to stop. With tourism as the backbone of our area, we cannot discount the potentially large negative impact this project could have on our economy. While this wind farm may actually bring visitors to the area, the sense of intrigue will soon wane and the benefit will be nothing compared to the visual, economic and environmental damage.

In order to properly protect our natural resources, and in turn our economy, the Martha's Vineyard Chamber of Commerce advocates for proactive planning, including federal legislation, for all waters before any wind farm or other renewable energy projects are approved. Zoning and use regulations are just as important in the ocean as they are on land.

Millions of people come to this area each year to enjoy the peace and tranquility of Nantucket Sound. We urge the licensing agencies to withhold approval of this project as the scale and impact on the region are in sharp contrast to the relative benefits.

Sincerely,

  
Valerie Cini Richards  
Executive Director

RECEIVED  
DEC 10 2004  
MARTHA'S VINEYARD CHAMBER OF COMMERCE

MARTHA'S VINEYARD CHAMBER OF COMMERCE

PO Box 1698, Beach Road · Vineyard Haven, MA 02568 · ph 508.693.0085 · fax 508.693.7589 · mvcc@vineyard.net  
www.marthasvineyardchamber.com · www.mvy.com

Ms Brenda J McCrann  
106 Meeting House Path  
Ashland MA 01721-2346

Dec 20, 2024

Army Corps of Engineers  
696 Virginia Rd  
Concord, MA 01742

2365

Attention: Karen Adams

Re: Cape Winds

Dear Ms. Adams:

I have read the Army Corps of Engineers report on the environmental effects of the placement of the turbines off of Cape Cod.

In light of the fact that your study found no negative effects on the environment due to the turbines, I have concluded that there is no reason to reject the project. It is for the benefit of the people and the air which we breathe.

Please do not bow to the pressure of wealthy people.

Sincerely,  
*Brenda J McCrann*  
Supporter

American Action Fund for  
Blind Children and Adults

336, Sterba Lane  
Prescott AZ 86305

Dec 21 04.

Dear Ms Adams,

2366

I read that the U.S. Army Corps of Engineers is planning to erect what would be the largest marine wind farm on the planet. This is fine for renewable energy but not so good for marine animals + flying creatures, birds and bats. They could die by the millions with such a project in action.

The U.S. Fish + Wildlife Service has recommended that the Nantucket Sound developer conduct three years of comprehensive studies before deciding that the location is suitable for development. These recommendations have been ignored.

Now I urge you to require that "Cape Wind" follow the USFWS protocol to cause the least harm to our wildlife in the water or in the air.

PATRICIA TORALEMON

Sincerely,  
Pat Toralemon



*The Commonwealth of Massachusetts*

HOUSE OF REPRESENTATIVES  
STATE HOUSE, BOSTON 02133-1054

2367

**DANIEL E. BOSLEY**  
**REPRESENTATIVE**

1ST BERKSHIRE DISTRICT  
3 ELMWOOD AVENUE  
N. ADAMS, MA 01247

TEL. (413) 663-7486

House Chairman  
Committee on  
Government Regulations

ROOM 472, STATE HOUSE  
TEL. (617) 722-2120

December 21, 2004

Ms. Karen Kirk Adams  
Cape Wind Energy Project  
U.S. Army Corps of Engineering  
New England District  
696 Virginia Road  
Concord, Massachusetts 01742

RECEIVED  
DEC 23 2004  
COMMITTEE ON GOVERNMENT REGULATIONS

Dear Ms. Adams:

I write to convey my unequivocal support for the Cape Wind Project.

As you know, this groundbreaking project would be located off the coast of Massachusetts and produce an estimated 420 megawatts of clean renewable energy, while also reducing our dependency on foreign oil, offsetting approximately one million tons of greenhouse gases per year, and reducing regional electricity prices. In addition, the project would have the added environmental benefit of offsetting electricity produced by fossil fuel plants in southeastern Massachusetts (according to ISO and NStar), as well as being a significant economic catalyst for the Cape and Islands providing many good paying jobs to our local residents. Moreover, Cape Cod Community College and the Massachusetts Maritime Academy view the wind farm as an opportunity to create renewable energy curricula that will train future generations for this burgeoning industry. Wind Power is the fastest growing electric generating industry in the world and according to estimates by both Shell Oil and BP by the year 2030, 30% of the world's electricity will be generated by wind turbines. The Cape Wind project is a unique opportunity for Massachusetts to step to the forefront of the worldwide renewable energy market.

It should also be noted that this project has been undergoing one of the most comprehensive and exhaustive environmental reviews ever undertaken in this region. This process is being conducted on a coordinated basis by state and federal agencies, and

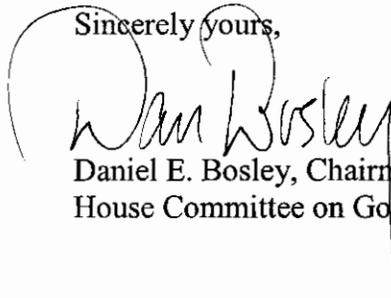
2367

involves a full Environmental Impact Statement under the NEPA, and will specifically include a full analysis of the reasonable alternative sites and technologies. The mandatory scope of issues being reviewed under current law includes environmental, aesthetic, fish and wildlife, navigation, recreation, energy and other factors, as well as the general needs and welfare of the people. The ongoing process also affords extraordinary and continuing opportunities for public participation and comment.

In light of the compelling public benefits a wind farm would reap on the Commonwealth, it is without reservation and with enthusiasm that I support the Cape Wind Project.

In conclusion, I would like to thank you for affording me the opportunity to comment on this matter. If you should have any questions, please feel free to contact me.

Sincerely yours,

A handwritten signature in black ink that reads "Dan Bosley". The signature is written in a cursive style with a large, looping initial "D".

Daniel E. Bosley, Chairman  
House Committee on Government Regulations

DEB/jk

236B

NOV 10 1987  
RECEIVED

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: John Pennell (Mech. Eng'r)

Address: PO BOX 961 (75 BAY RD)  
COTUIT MA 02635-961

Phone Number (Please include area code): 508 420 2728

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I am for water, sun, wind energy, was  
mech engineer in photovoltaics early 1980's

I want Horsesure Shoal disengage.  
Move the wind farm south of Martha  
Vineyard & Nantucket Island & east  
of Eastham, ~~west~~ of the Cape  
and Camp Edwards alternative

Copy of Machine Design Mag.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

## Novel windmill captures more energy

2360

A novel 7-ft.-diameter wind turbine has set a record by producing 5.3 kW in a 32.5-mph wind. The design, from **Selsam Innovations**, Fullerton, Calif. ([selsam.com](http://selsam.com)), puts several rotors on a single carbon-fiber driveshaft. A 7-ft-diameter turbine typically produces a peak power of 800 W. "The record-setting model is at a 5,000-ft elevation so 5.3 kW corrects to 6.0 kW at sea level," says inventor Doug Selsam. The design has been tested for six months as part of the California Energy Commission research program.

In light winds, the shaft slightly tilts forward so each rotor stays away from the draft of the preceding one, thereby exposing each to the breeze. In stronger winds, the self-positioning driveshaft is parallel to the wind, placing downwind rotors in the wake of those upwind. "The rotors 'draft' each other like race cars. This provides protection from overspeed," says Selsam.

*Continued on page 54*

Doug Selsam holds a windmill design with 21 blades each 20 ft. diameter and a 0.7-mhp generator. The design has only one moving part. Shafts on all designs are positioned at a slight angle from horizontal to take rotors out of the wake of each other.



*Continued from page 52*

"The design's breakthrough is that it's the only way to increase the swept area of a wind turbine without increasing the diameter. The design also maintains the light blade weight and high rpm of a smaller turbine, while taking advantage of the increased swept area and higher power output of a larger turbine, essentially the best of both worlds," says Selsam.

"Even uncorrected for sea level, we get a solid average of 4.0 kW at 27 mph," he adds. "Low-wind speed performance is superb. Because we use more rotors, we get the same power at half the wind speed of a traditional turbine of the same diameter. And in the same breeze, we get six times

*Continued on page 56*

Selsam's record-setting design uses seven 7-ft-diameter rotors on a 60-ft tower. Propellers are from a Whisper H-40 windmill from Southwest Windpower. At sea level, the unit is capable of 5.4 kW at 30 mph, 4.0 kW at 25 mph, over 2.0 kW at 20 mph, and over 1 kW at 16 mph. Four rotors downwind and three upwind provide for passive control on smaller units. Larger versions, however, will have active yaw control.



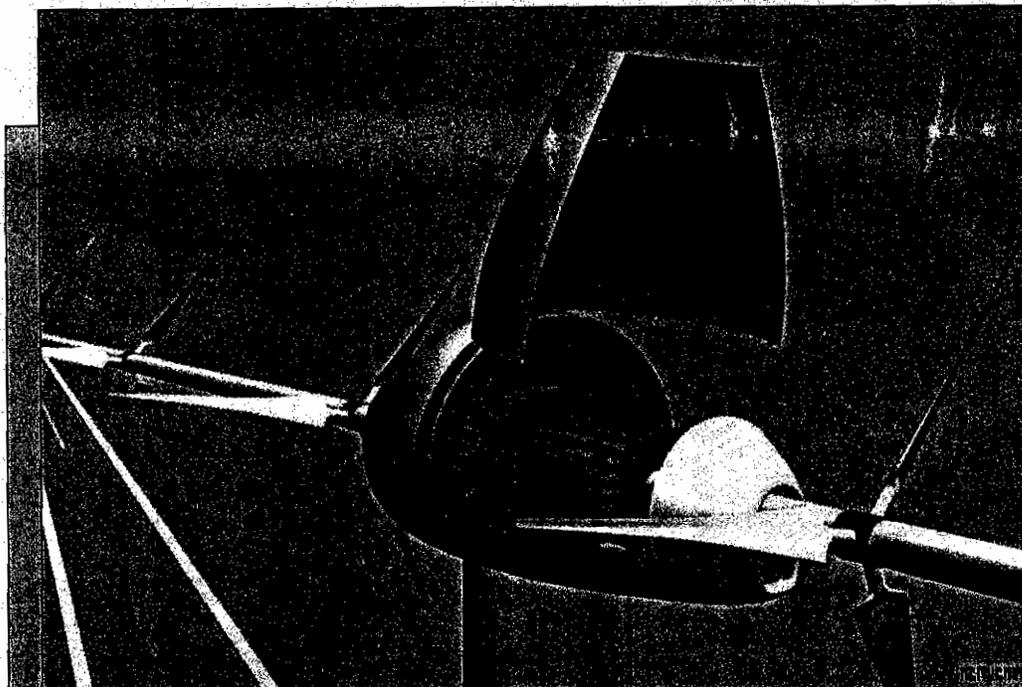
## NEWS

*Continued from page 54*

the power of a convention single-rotor windmill," he says.

Selsam adds that other wind engineers criticized the design as unworkable because they suspected the driveshaft would fly out of control. "As it turns out, each rotor is a node of stability," he says. "Other pluses are lighter total rotor weight, and higher rpm, for a given power rating. Blade weight grows as a function of the diameter cubed, while swept area is a function of diameter squared. That means smaller blades sweep more area per unit mass and turn at higher rpms, which can eliminate a gearbox usually needed to drive a generator."

Circle 411



An 8-MW version of the multi-rotor generator will have a service hatch that will give technicians access to the hardware.

2369

820 Lehigh Ave.  
Hartshorne, OK  
December 20, 2004

Karen Adams  
U. S. Army Corps of Engineers  
New England District  
696 Virginia Road  
Concord, MA 01742-2751

Dear Ms. Adams:

Could you please ensure that "Cape Wind" follow the USFWS's bird-research protocol and take steps to minimize harm to birds, bats, and marine mammals. Thank you.

Yours truly,



Marjorie Hass

RECEIVED  
DEC 23 2004  
WILSON DIVISION

2370

December 20, 2004

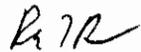
Ralph and Christine Perron  
5 Chester's Way  
Thornton, NH 03223-6203

Karen Kirk-Adams  
Cape Wind Energy Project EIS Project Manager  
US Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742-2751

Dear Ms. Kirk-Adams,

The Cape Wind Project is a wonderful idea. The renewable energy generated by this project will help supply the residents in the local area with much of their power needs for many years. These types of renewable energy projects not only help the local area, but they help the nation to diversify its energy sources.

Sincerely,



Ralph Perron



Christine Perron

RECEIVED  
DEC 25 2004  
U.S. ARMY CORPS OF ENGINEERS

Dec. 19, 04

2371

Dear Al O'E

We are most heartily in favor,  
of the Windfarm in Cape Cod Bay.  
we must relieve ourselves of re-  
liance on foreign oil, also and  
at least <sup>as</sup> important, we must  
relieve ourselves of the green  
house gases that are polluting  
our atmosphere!

This country is supposed to  
be the greatest in the world -  
we are way behind in cleaning  
up our act!

Sincerely

Richard + Edith Mallant  
Wellesfleet, Ma.

2372

Karen Adams  
Project Manager, Regulatory Division  
ARMY CORPS OF ENGINEERS  
N.E. District  
696 Virginia Road  
Concord, MA 01742

November 2004

Dear Ms. Adams,

Please immediately extend the public comment period on the Draft Environmental Impact Statement for the proposed Cape Wind project to 180 days. Any shorter time period is entirely insufficient to allow the public ample opportunity to provide input on such a lengthy and important document on a complex and controversial project.

Thank you for your prompt attention to this matter.

Sincerely,

*Nancy C. Hadway*

RECEIVED  
NOV 20 2004  
REGULATORY DIVISION

2373

Karen Adams  
Project Manager, Regulatory Division  
ARMY CORPS OF ENGINEERS  
N.E. District  
696 Virginia Road  
Concord, MA 01742

November 2004

Dear Ms. Adams,

Please immediately extend the public comment period on the Draft Environmental Impact Statement for the proposed Cape Wind project to 180 days. Any shorter time period is entirely insufficient to allow the public ample opportunity to provide input on such a lengthy and important document on a complex and controversial project.

Thank you for your prompt attention to this matter.

Sincerely,

*Romanus Hadaway*

RECEIVED  
NOV 21 2004  
REGULATORY DIVISION

2374

2905 69<sup>th</sup> St., East  
Palmetto, FL 34221

Karen Adams  
U.S. Army Corps of Engineers  
New England District  
696 Virginia Rd.  
Concord, MA 01742-2751

Dear Ms. Adams:

We are writing to you regarding the proposed Cape Wind offshore wind energy facility. While we are very much in favor of advancing alternate energy sources, we are asking the Corps of Engineers to require the project designers to follow the U.S. Fish and Wildlife's (USFWS) bird-research protocol and take steps to minimize harm to birds, bats and marine mammals. In Altamont, California, researchers estimate that 4,700 birds are killed each year by wind turbines, and in West Virginia turbines killed more than 3,000 migrating bats last fall.

Tens of millions of birds fly through Nantucket Sound every year. Because these birds haven't been well-studied, the USFWS recommended that the Cape Wind project developers conduct three years of studies to determine whether the location is suitable for development. These recommendations have been ignored.

As the nation's first offshore wind energy facility, Cape Wind will set a precedent for anchoring renewable-energy power plants in public waters. Please help ensure that it is environmentally safe. Thank you for your time and attention.

Sincerely,

  
Jeff and Sue Severino

RECEIVED  
DEC 15 2004  
REGULATORY DIVISION

2375

FRAN KOTAK  
67 Partridge Circle  
Taunton, MA 02780

US ARMY CORPS of ENGINEERS  
New England Division  
696 Virginia Road  
Concord, MA 01742-2751

December 19, 2004

Gentlemen;

My name is Fran Kotak and I am writing in regard to the Cape Wind Project proposed for Nantucket Sound. I attended both public hearings at W. Yarmouth and in Cambridge at MIT. I feel that the Wind Farm is a good idea. It's long past time for the United States to be exploring alternative energy sources and wind energy makes sense.

The only thing that concerns me though is that the Wind Farm is to be built on Public Land by a "for profit" company. We all know that electric costs will not go down. This is simply another source of electricity. The electricity will be generated by the wind farm and pumped into the grid.

Cape Wind Associates stands to make millions of dollars off this project and off of the power it will generate. I feel that Cape Wind Associates should be pay royalties [per kilowatt hour] for the use of this public land. I would appreciate your taking this into consideration prior to issuing any permits. The public should get at least a little something back.

Sincerely,



Fran Kotak

RECEIVED  
DEC 22 2004  
REGULATORY DIVISION

2376

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
Greg Deegan  
117 Cotuit Bay Dr.  
Cotuit, MA 02635

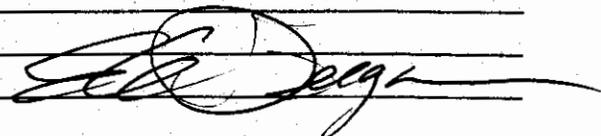
Phone Number (Please include area code): 508-420-6860

Email Address: gdeegan@NAGREEN.COM

Please state your questions/comments in the space below:

- HAS THERE BEEN ANY SERIOUS  
CONSIDERATION IN LOCATING THE WIND  
FARM AT THE MILITARY BASE ON Cape Cod ?

- I believe we definitely need alternative  
energy. The DEBATE IS NOT THE  
TECHNOLOGY, BUT THE DUE PROCESS  
ON USING public lands for private  
investment w/o the proper  
Guidelines



Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

25 2377

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Kathy Romasco

Address: 17 Waters RD

SUTTON, MA 01590

Phone Number (Please include area code): 508 - non published

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I do NOT WANT TO  
SUPPORT THE Wind Farm  
Project. Nantucket Sound  
Should be declared A  
NATURAL Resource Reservation.

I oppose ANY development  
to this location.

Please seek alternative site.  
I visit Cape Cod for its natural beauty.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

I would NOT come to see a Wind "Farm"  
as A TOURIST.

12-18-04

30 COMMODORE RD  
CHAPPAQUA, NY.  
10514

237B

Ms. KAREN ADAMS  
ARMY CORPS OF ENGINEERS  
696 VIRGINIA RD.  
CONCORD, MA. 01742

DEAR MS ADAMS,

I AM APPALLED BY THE ARMY CORPS OF ENGINEER'S PROPOSED BUILDING OF WIND TURBINES ON NANTUCKET SOUND. THE AUDACITY TO JEOPARDIZE AND BLEMISH A PRISTINE NATIONAL TREASURE WITH QUESTIONABLE AND POTENTIALLY FLAWED, UNPROVEN TECHNOLOGY IS TRULY REPREHENSIBLE.

THE PROUD ARMY CORPS OF ENGINEERS MUST CERTAINLY HAVE BETTER USE OF THEIR TIME AND TALENTS THAN BUILDING PERMANENT EYE-SORES IN ENVIRONMENTALLY PROTECTED WATERS, THOUGHT SHOULD BE GIVEN TO UTILIZING WATERS OFF INDUSTRIAL OR COMMERCIAL SHORELINES, OR BETTER YET, REBUILDING INFRASTRUCTURE IN IRAQ AND AFGHANISTAN.

SINCERELY,

  
ROBERT F. LIEBLICH

RECEIVED

DEC 20 2004

WATER DIVISION

2379

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

RECEIVED  
NOV 19 2011  
U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF OCEANOGRAPHY

Name: Mary Jo JOLLETT

Address: 10 Crab Creek Lane  
Yarmouthport, Ma. 02675

Phone Number (Please include area code): 508 398-1991

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

I am against the proposed wind farm.  
I believe the risks far outweigh  
the benefits that this project  
proports to have.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

2380

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: HARRIET KRIVIT

Address: 31 FRANKLIN ST.  
NANTUCKET, MA 02554

Phone Number (Please include area code): 508-325-5211

(CAPS) Email Address: HARRIETK @comcast.net (SMALL)

Please state your questions/comments in the space below:

I ATTENDED THE NANTUCKET MT. ON 12-8-04  
I AM OPPOSED TO CAPE WIND PROJECT  
FIRST OBSERVATION: (FOR ALL REASONS SPOKE AGAINST)  
THOSE SUPPORTING SPOKE IN GENERALITIES  
THOSE OPPOSING SPOKE IN SPECIFICS  
THOSE SUPPORTING NEVER ADDRESSED SPECIFICS

ONE GENTLEMAN WHO SPOKE IN SUPPORT NEVER  
MENTIONED THAT HE REALLY LIKED THE WAY THE  
WIND TURBINES LOOKED. WHEN I SPOKE TO HIM  
PRIVATELY HE SAID "I LOVE THE WAY THEY LOOK!"  
I REPLIED "WELL, I DON'T AND MANY FEEL THE  
WAY I DO!" I ALSO ASKED HIM "HOW IMPORTANT  
IS THAT TO YOU?" HE SAID "VERY IMPORTANT!"

I HAVE NO REASON TO TRUST THIS COMPANY  
WITH IT'S MAJOR MOTIVE - FINANCIAL PROFIT  
AND I AGREE VERY MUCH WITH WHAT TED ANDERSON SAID.  
AND WHY IS DELICATE AND PRECIOUS NANTUCKET  
SITE THE 1<sup>ST</sup> & ONLY PROPOSED RIGHT NOW ON THE  
WHOLE ATLANTIC SEABOARD? Harriet Krivit

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side. 12-20-04

2381

**Adams, Karen K NAE**

---

**From:** blueslime17@yahoo.com  
**Sent:** Tuesday, December 21, 2004 1:10 PM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

Emily Hogan  
21 Natalie Rd.  
Chelmsford, MA 018244240

2382

**Adams, Karen K NAE**

---

**From:** carol zurflueh [zurflueh@rcn.com]  
**Sent:** Tuesday, December 21, 2004 2:29 PM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind Project

Hi,

We are in support of the DEIS findings and the development of renewable energy in our area. We have seen windfarms in the Atlantic on our trip to Europe, and heard from the local residents about the positive impact to the quality of life.

Sincerely,  
Max & Carol Zurflueh

**Adams, Karen K NAE**

2383

---

**From:** Thompson, Barry [Barry.Thompson@xo.com]  
**Sent:** Tuesday, December 21, 2004 3:13 PM  
**To:** Energy, Wind NAE  
**Subject:** Draft EIS/EIR/DRI - WIND PROJECT NANTUCKET SOUND

Karen Adams  
US Army Corps of Engineers  
696 Virginia Rd.  
Concord, MA. 01742

Comments re: Draft Report:

I am concerned about the real need for turning Nantucket Sound into a commercial electric generating plant. I therefore was most interested in and read carefully the Draft impact section dealing with the "need" for the project and have the following comment.

Section 2.2 - Project Purpose and Need refers to the purpose and need as independently determined by the USACE is to provide a utility-scale renewable energy facility providing power to the New England grid. This determination is based, at least in part, on the Massachusetts Legislature's public policy priority through Chapter 164 of the Acts of 1997; "An Act Relative to Restructuring the Electric Utility Industry in the Commonwealth." If this is the case, is it not true that the USACE need justification based on that statute would not apply to the Cape Wind Project since it is to be constructed entirely outside the geographical confines of the Commonwealth of Massachusetts? As it is to be built in Federal waters, it will not be subject to the Commonwealth, its regulations, its laws or energy policies. While the Commonwealth's energy policies may have an influence on the USACE's determinations, they should not be cited as a primary justification for establishing the need as indicated the Draft Impact Report.

Barry J Thompson  
1160 Phinney's La.  
Unit 3B  
Centerville, MA. 02632

2304

Adams, Karen K NAE

---

**From:** John/Joann Figueras [j.figueras@verizon.net]  
**Sent:** Tuesday, December 21, 2004 10:09 PM  
**To:** Energy, Wind NAE  
**Subject:** Cape Wind

Sir--

I have read your DEIS and I was impressed with the thoroughness and wide range of your study. I wish to state my support for the Cape Win project. I think it is very important to take steps to reduce our dependence on Middle East oil, the consequences of which are brought home to us every day in newspaper headlines. As a retired organic chemist it pains me to see a source of valuable chemical intermediates go up in smoke. And I also think that global warming is a reality. I'm surprised that those who live on Nantucket are more concerned about visual "pollution" than they are about the fact that their island could sink below the sea because of the incursions of a rising sea resulting from melting of the polar ice cap, a consequence that would surely reduce their property values to zero.

John Figueras  
399 Bakers Pond Rd.  
Orleans, MA 02653

2385

**Adams, Karen K NAE**

---

**From:** groovedrum1@aol.com  
**Sent:** Tuesday, December 21, 2004 11:26 PM  
**To:** Energy, Wind NAE  
**Subject:** Ensure 'Cape Wind' Project Is Safe for Wildlife

Colonel Thomas Koning  
U.S. Army Corps of Engineers  
696 Virginia Road  
Concord, MA 01742-2751

Dear Colonel Koning,

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

- Three full years of visual observations of birds
- 12 months of radar observations of flying wildlife
- A thorough and timely review of the project's potential effect on wildlife, including marine mammals

These factors will help determine whether the Cape Wind project is in the best interests of both the public and wildlife.

As it is written, the U.S. Army Corps of Engineers' draft environmental impact statement is hopelessly flawed, because it ignores relevant information and draws conclusions based on inadequate research.

This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

frank soria  
2015 presidential pkwy. #69  
twinsburg, Ohio 44087

2386

**Adams, Karen K NAE**

---

**From:** lv7274@aol.com  
**Sent:** Tuesday, December 21, 2004 11:50 PM  
**To:** Energy, Wind NAE  
**Subject:** Ensure 'Cape Wind' Project Is Safe for Wildlife

Colonel Thomas Koning  
U.S. Army Corps of Engineers  
696 Virginia Road  
Concord, MA 01742-2751

Dear Colonel Koning,

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This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

Vira Moroz  
2222 Arthur Ave.  
Lakewood, Ohio 44107

**Adams, Karen K NAE**

2387

---

**From:** fbilotta@comcast.net  
**Sent:** Wednesday, December 22, 2004 12:46 AM  
**To:** Energy, Wind NAE  
**Subject:** Please extend the public comment period on the Cape Wind DEIS



Please immediately extend the public comment period on the Draft Environmental Impact Statement for the proposed Cape Wind project to 180 days. Any shorter time period is entirely insufficient to allow the public ample opportunity to provide input on such a lengthy and important document on a complex and controversial project.

Thank you for your prompt attention to this matter.

Sincerely,

Frank Bilotta

2300

**Adams, Karen K NAE**

---

**From:** kgigstad@yahoo.com  
**Sent:** Wednesday, December 22, 2004 7:29 AM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

Ken Gigstad  
18 Briarwood Dr  
Westford, MA 018861165

2309

**Adams, Karen K NAE**

---

**From:** susanpgh@comcast.net  
**Sent:** Wednesday, December 22, 2004 4:53 PM  
**To:** Energy, Wind NAE  
**Subject:** wind turbines

Dear Amry Corp of Engineers

I'm writing to you on behalf of my husband and myself and am asking that you extend the comment period (regarding issuance of the Draft Environmental Impact Statement) on the Cape Winds project. I understand that it is over 3000 pages and I feel the 60 days review period is too short. We are asking that the period be extended to at least 180 days. If approved and completed, this project would have VERY important effects on the Cape and Islands. Serious people need serious time to examine the details of the proposal and 60 days is just not sufficient. Thank you in advance. Susan Kelly, Cape Cod homeowner

2390

## Adams, Karen K NAE

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**From:** Terry Rioux [triox@whoi.edu]  
**Sent:** Thursday, December 23, 2004 11:37 AM  
**To:** Energy, Wind NAE; Rioux, Terry ; Rioux, Maggie  
**Subject:** Comments re. NAE-2004-338-1

I have reviewed the Cape Wind Energy Project EIS and have followed the reports in the media, chiefly from the Cape Cod Times and Boston Globe newspapers. As with any major engineering project, this has its benefits and potential problems. In the past the Corps of Engineers has committed egregious environmental destruction in the name of 'progress.'

However, this project will provide significant energy and employment benefits to this region with minimal negative environmental impact, and I for one would like to see it advance. My opinions are based upon the following:

1. The United States has become increasingly dependent upon foreign fossil fuel supplies for its ever-increasing energy needs, leading to economic deficits and involvement in the affairs of unstable and/or hostile countries. Conservation and production of local energy should be prioritized.
2. Wind energy is 'clean' and does not contribute to greenhouse or noxious gasses.
3. Potential pollutant release (transformer oil spill) hazard is minimal, especially when compared to the oil carried in barges, tankers and other vessels.
4. Navigation hazards are likely to be minimal, since Horseshoe shoal is mostly shallow water and therefore out of the normal traffic lanes. Since the pylons will be quite far apart, normal small vessel and even some fishing activities should not be appreciably harmed.
5. Compared with dragging fishing activities, the bottom alteration at the wind farm site will be minimal. Compared with birds striking lighthouses, automobiles, electric poles, etc., the danger to avian movement should be minimal.
6. Windmills have in the past been a part of the Cape and Islands landscape. The offshore windmills will present much less of an eyesore than the many radio and cell phone towers that dot the landscape, not to mention the general urban sprawl and 'trophy homes' one sees.
7. Nantucket Sound has been claimed by opponents and politicians to be a 'national treasure,' but a case could also be made for Buzzards Bay, through which single-hulled oil barges routinely travel with the inevitable periodic disasters.

There has been much disinformation promulgated by windfarm opponents in the media (chiefly the Cape Cod Times), but at the end of the day, the only significant impact seems to be visual, seen only by a relative few boaters or at the shorefront. Since 'beauty is in the eye of the beholder,' even this impact may not be so bad. Despite protestations to the contrary, the bulk of the opposition is simply N.I.M.B.Y. from well-heeled shorefront property owners and ill-serving politicians (of both major parties!).

The electronic bookmarks in the .PDF file on the CD only pointed to major sections, some of which were over a hundred pages in length. It

would have been more convenient for the reader to also include bookmarks to the smaller sections.

Thank you for the opportunity to comment.

Terrence M. Rioux

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| Terrence M. Rioux | Diving Safety Officer |  
| MS #28 - Iselin 151 | Phone: 508-289-2239 |  
| Woods Hole Oceanographic Institution | FAX: 508-457-2195 |  
| Woods Hole, MA 02543-1054 | email: trioux@whoi.edu |  
\*-----\*

Laura Catharine Opie  
51 Mashpee Road, Cotuit, MA 02635  
(508) 420-2188 laurao@cape.com

2391

December 23, 2004

Karen Kirk-Adams  
Cape Wind Energy EIS Project  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road, Concord, MA 01742

RECEIVED  
DEC 27 2004  
U.S. ARMY CORPS OF ENGINEERS

Dear Ms. Kirk-Adams:

We as a nation - and therefore our governing bodies - must start looking ahead not just one generation, but for as far as we can see. We must mature past a reckless adolescence, born of great abundance and freedom, to the far-sighted wisdom of our ancestors and predecessors, who understood conservation as a necessity for survival and cherished the earth as mother of all. The Army Corps of Engineers is in a position of authority which concerns the use of our natural resources, and therefore has the opportunity to help us mature, as a nation. By using our freedom of choice responsibly, we can protect both the environment and our freedoms for future generations.

We have finally started to recognize the need for alternative energy, primarily because our irresponsible use of environmental resources has brought us to a series of minor crises. It is also crucial to recognize that solving current problems must also address the needs of our children and grandchildren, or our nation will ultimately perish. It will not, however, necessarily perish because of the environment. More likely, we will first lose our national identity because of the loss of freedom perpetuated by the irresponsible use of our resources. This includes not only the natural resources, but also human resources: economic resources, manufactured resources, scientific knowledge, spiritual resources, intuition, mental resources, international alliances, human resources... We have a wealth of resources, and we have the freedom to use them responsibly. If we do not use them responsibly, we will lose not only the resources, but also much of our freedom. Without responsible stewardship, we will destroy our freedom - and therefore our country - long before we destroy the environment.

Using all our resources responsibly requires a shift in thinking. The greatest barrier to changing to the way we do things is probably the quagmire of mixed opinion over what the effects and benefits of change might be. We can not always foresee the results of our actions. There is, however, a very simple question we can ask ourselves for virtually every action - and every project - that automatically shifts our thinking from the future to the present while still taking the needs of future generations into consideration. If a project is otherwise viable, the question we need to ask is this: Can the same benefit be gained by using fewer resources and taking less risk?

This is the question we must start asking ourselves for projects like the proposed wind farm. This will help guide us in using our resources wisely. The Army Corps of Engineers is in a position to ask this question, and thus to effect a major shift in thinking on the part of a government entity. I encourage The Corps to do so, but if it is outside the scope of this established regulator, we must ask it as individuals, as a community, and as a nation.

I have listed below many of my individual concerns and questions about the proposed wind farm. These are specific to the project, and primarily constitute risks. Although I do not have the data and knowledge to assess either risks or find alternatives, it is my belief that we could easily produce as much energy with other projects that would have less environmental impact and far fewer risks. I hope that the Army Corps of Engineers will consider each of these items carefully, as well as all the other concerns raised by the public, before giving the wind farm its stamp of approval. If The Corps can also make a statement concerning viable alternatives, it will help us develop a national identity based on responsible use of our resources. By recognizing the link between resources and freedom, you could help move us toward protecting our freedom for our children and grandchildren, and our planet for all future generations.

2391

### MY CONCERNS ABOUT THE PROPOSED CAPE WIND ENERGY EIS PROJECT

I am not in favor of the proposed Cape Wind Energy EIS Project primarily because in such a huge project, there are too many unknowns, too much likelihood of various forms of graft and corruption, and too much room for human error. The estimates of time and cost for building it mean nothing -- except a favorable spread-sheet for attracting investors. We should know that as a community after the Big Dig. Once a project gets started, its course is dictated by many unforeseen events. If one trusted, competent, key person in the chain of command gets sick or removes himself from a large project, original intentions, oversight, and tactics that made the project viable can be entirely lost. The larger the project, the more room for mishap, misunderstandings, mistakes.

Most individuals have had the experience of local or private projects going way over budget and far beyond the estimated time for completion. Coastal weather patterns are unpredictable, adding to the likelihood of a large wind farm in Nantucket Sound going over schedule and over budget. Then there is the question of general competency, especially when addressing the forces of nature or predicting future events. Engineers have come to my street, dug it up, put in new drains, graded, and built larger curbs, and effected other engineered changes three or four times over the past 10 years. I'm sure each time they thought they had figured out how to solve the drainage problem after a rain, but - much to my children's delight - after every big rain the intersection at the bottom of my hill still becomes a small pond. I personally also know of bridges, intersections, traffic circles, and highway work that has either taken much longer than predicted or not solved the intended problems when completed. Engineers are human, and they aren't always right. Think of the irreparable damage that will be done if they are wrong in this project.

How can anyone estimate how noisy it will be, and whether that will affect people and wildlife in the area? I have stood close to one "quiet" windmill, and can't imagine the din of 130. I believe the idea of enjoying a quiet sail near them is a fantasy.

What happens to the cost effectiveness when the wind farm gets hit by a hurricane -- and another, and another. The projections can't possibly factor in the cost of repairs and maintenance because they have no idea what they will be hit with. They may think that the structures will stand up to whatever hits them, but they can not be sure. A whole supermarket was obliterated in Grand Cayman by a hurricane this past summer. It was a huge, new building, and, like all new buildings on Grand Cayman, built to withstand the force of a hurricane. I don't believe there has been adequate study of current hurricane damage to understand why so many

“hurricane proof” structures were destroyed there. Wind is very unpredictable: how can any structure be guaranteed “hurricane proof” from the start, much less over time as the materials it is constructed of are stressed?

Aren't we “putting all our eggs in one basket” with such a huge number of windmills in one place? Wouldn't it make more sense to have locally controlled and managed windmills spread throughout the state? The cost of putting a windmill in the water is much higher than putting one on the land, so how can putting them in the water be the best choice? We will use more energy putting them in than we would on land, so how can it be preferable to put them in the water? Has anyone done a study to figure out how much energy we will use constructing these windmills? How long will it take to regain that energy?

Is this wind farm going to become a national security risk? How do you guard 130 windmills spread over 24 acres in the water? Again, this is a case of putting too many eggs in one basket. Will such a concentrated energy development become a terrorists target in the future? And is it going to make it easier for terrorists to sneak into our midst? A clear horizon is a great advantage when you are on the lookout for suspicious water craft. How would 130 windmills affect the Coast Guard, both in terms of creating navigational hazards and when in pursuit of criminals on the water?

There will be light pollution. Haven't we disconnected ourselves from the heavens enough? The night sky has been a source of inspiration and awe for humankind since the dawn of civilization. We are human: we need inspiration to feed our souls. Gazing at the stars in wonder sets us apart from the rest of the animal world. Shouldn't we be looking for ways to decrease and minimize light pollution? Has an analysis been done to determine the amount of light pollution? There is an organization that concerns itself with light pollution: have they been consulted to determine the effect? If the project is approved, there should be a requirement to reduce the effect of light pollution as much as possible, and the cost of the consultation should be born by the developer.

Has anyone considered that the Wind Farm will be an “attractive nuisance?” If I put a trampoline in my backyard, I can lose my homeowner's insurance. Is it just tough luck if local teens and youth decide to make a challenge of climbing and writing their name on towers and turbines and get killed in the process? There are fences around all the public water towers, on the bridges, and around radio towers. How do you fence-in 24 acres of ocean? Will this eventually cause higher insurance, and higher costs for legal fees and patrolling result after the first family sues? These are questions of economic and social sustainability, and must be considered along with the environmental viability.

I wonder about insurance even before any mishaps. Does Cape Wind have an insurer lined up for the project, and how much of the overhead does that account for? Can we really justify the higher cost of insurance, both for construction of the project and to maintain the facility? Will the high risk affect other people insured by the same company? Will the government have to step in and bail this project out with emergency funds if it goes awry? Can we really know what this project would cost us as a society?

Is responsible to put our resources in the control of a for-profit corporation? What happens if the project becomes uninsurable, or just isn't viable? The corporation goes bankrupt,

the upper echelon of management - who have been collecting outrageous salaries from the start - walk away with fat bank accounts, and there is no one to hold accountable. That's the glory of the corporate system, and why we should not allow a private company to manage our public lands and water ways. Even if you have the utmost confidence in the management team of a for-profit corporation, those in charge can change overnight; the bottom line is always the profit margin, since that's what keeps the entity alive.

Similarly, what happens in 50 or 100 years ( or 30, or 20, or 10) when turbines become obsolete because of new technology. The corporation dissolves. Not even the government is going to keep funding something that isn't efficient enough to produce a good return. At the very least, the cost of taking down the windmills and restoring the ocean as much as possible should be put into escrow; then the project should be reviewed every five years to be sure there is enough money set aside for removal. Otherwise we will leave our children or grandchildren a lot of damaged, unsightly, unusable windmills. Of course, that would probably make the project unattractive to investors - but doesn't that tell us something?

There will be tax dollars used in this project. Wouldn't that money be better spent teaching and encouraging people to use less energy? The people of Massachusetts could easily save as much energy as the windmills will produce. Isn't that a better first step toward a sustainable lifestyle, rather than jumping into a project with so many possible pitfalls?

What about wind patterns? Will we have to avoid sailing downwind of these things because they mess up the air flow? Considering that the boats moored in my harbor create wind patterns that make sailing downwind of them difficult, I don't see how the windmills couldn't affect a much larger recreational area than the 24 acres for which they are planned.

Can a work crew construct 130 platforms, the windmills, the power plant, and install the underwater cables that goes with them - in the middle of Nantucket Sound - without any oil spills, gas leaks, or other disruption of the ecosystem? Have all the materials being used in construction been analyzed for seepage? Has anybody analyzed the increased water traffic for getting people to and from work? What about the Styrofoam cups, plastic bags, cigarette butts, and other trash that will be likely to end up in the water from the construction workers? Who will monitor the project for these things, and has the cost of monitoring the work been included in estimates? Has there been an in depth study of possible problems during construction? Is it possible to foresee the things that could go wrong? For all we know there will be problems with increased nitrogen loading from the work crew emptying their bladders into the Sound ! I don't believe we can imagine all the things that could go wrong; we have no control over the mistakes that could be made; and we don't know whether the end result will negatively impact migratory birds, local birds, whales, and other sea and coastal life. Is this a good risk and a responsible use of our resources?

In terms of use of Cape Cod's human resources, I wonder whether the large work crews will be local residents, or come from off-Cape. We have a severe shortage of workers here in the summer months. This has been exacerbated by recent laws limiting the number of alien work permits issued, due to National security issues following 9/11/01. We also have an affordable housing crisis on Cape Cod. Has the impact on these aspects of our local economies and quality of life been studied?

There are already some very interesting, less expensive, more sustainable alternative windmills being explored for use in the ocean. And there is a lot of room for developing and employing other alternative energy sources. I do not believe it is responsible to damage and possibly even destroy such a beautiful, unique, fragile environment when there are alternatives. In fact, I think it would set a very dangerous precedent for alternative energy. We need to make preservation of wild public lands and waterways a priority in considering alternative energy projects. It should be one of the first considerations, not an aside. If we don't make it a priority now - at the beginning of the main stream embracing the alternative energy movement - we will have no wild lands left by the time our power needs are met.

Yes, we need to free ourselves from oil dependency -- and not just foreign oil. But we shouldn't let a corporation dictate the scale, scope, and kind of alternative energy we use. We shouldn't be scared into making decisions that will create problems for generations to come. We have to start working on these things as planetary citizens, rather than as American consumers. The rule should be the most energy return for the least risk and least environmental disruption. Why haven't we looked at other ways of producing energy? Because nobody can make big money from single or small-scale windmill projects, solar panels, water power, and even human powered alternatives. The wind farm is big business as usual. No creativity, just the bottom line for a small group of entrepreneurs who see it as a viable way of making some big bucks at the beginning of what will have to be a change of consciousness, sooner or later, for the survival of humankind.

It seems to me that 130 windmills strategically placed across the state could produce the same amount of energy. "Think globally, act locally." We don't have a government that supports small scale, community based projects. It favors corporate control and trickle down economics - but this is what is ruining our environment, making enemies for us around the world, and leading us into tighter and tighter security that is diminishing our freedom. There are other alternatives, we just aren't looking at them because we are used to corporations doing the dirty work, and we are scared. It's easier to put it in corporate hands, until they screw up, and then we blame them but still don't demand local control over our resources.

The Army Corps of Engineers is in a position to change not only the way we look at alternative energy projects, but also the way we look at ourselves. I ask you to set a new precedent for governmental responsibility by bringing the relationship between responsible stewardship of our natural resources and freedom to the forefront of your considerations. Make us address the problems of our own consumption as individuals and as communities, not as ignorant consumers who hand over our resources to faceless corporate entities. Please become a leader in the change of consciousness that is needed to protect our freedom, our country, and our environment.

Sincerely,



Laura C. Opie



*The Commonwealth of Massachusetts*

HOUSE OF REPRESENTATIVES  
STATE HOUSE, BOSTON 02133-1054

2392

**PETER J. LARKIN**  
REPRESENTATIVE  
3RD BERKSHIRE DISTRICT  
PITTSFIELD, MA  
TEL. (413) 448-8714

Assistant Vice Chairman  
Committee on Ways and Means

ROOM 238, STATE HOUSE  
TEL. (617) 722-2380  
FAX (617) 722-2847  
E-Mail: Rep.PeterLarkin@hou.state.ma.us

December 22, 2004

Karen Kirk-Adams  
Cape Wind Energy EIS Project  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road  
Concord, MA 01742

Dear Ms. Kirk-Adams:

I am writing to express my support for the Cape Wind project. As the country's first offshore wind farm, the Cape Wind project produces a pollution-free answer to the ever-growing need for new renewable energy supplies and is a model to the rest of the country for offshore wind power generation.

The Draft Environmental Impact Statement (DEIS) highlights particularly compelling findings in support of the Cape Wind project. As noted in the DEIS, the power produced by the proposed Wind Park will significantly reduce the demand placed on fossil-fuel fired facilities, thereby resulting in the reduction of air emissions from these facilities. The decrease of polluting power plants and the substantial improvement in the air quality for Cape Cod residents will undoubtedly result in improvements in the residents' health. What is more, the downwind regions of the country that are affected by Massachusetts' air emissions will likewise have an improved quality of air. The Cape Wind project will serve as an example to the rest of the country in its ability to provide new energy sources while also keeping the public out of harm's way.

In addition to the environmental benefits of the Cape Wind project, the economic benefits of the project are equally significant. Several hundred jobs will be created as a result of Cape Wind, and the DEIS points out that Cape Wind will reduce the region's dependence and demand for natural gas, thereby saving money for natural gas customers. Moreover, Cape Wind will have an impact on the economy at a national level, as the DEIS predicts Cape Wind will add an additional \$1.5 billion to \$2 billion to the country's economy.

Cape Wind is at the forefront in the quest for creating new renewable sources of energy. Massachusetts and the Cape Cod region have the opportunity to take a substantial step

2392

forward in limiting the region's dependence on natural gas and reducing the destructive environmental impacts of fossil-fuel fired facilities. The rest of the country will be looking on as Cape Wind provides a viable, environmentally safe, and economically enhancing solution to the problem of the ever-increasing energy needs of the Cape Cod region.

Thank you for your time. In the event that you have any questions, please do not hesitate to contact my office.

Sincerely,



**Peter J. Larkin**

*State Representative, Third Berkshire District*

*Assistant Vice-Chairman, House Ways and Means Committee*

2393

**PACKARD**  
DEVELOPMENT

December 22, 2004

Army Corps of Engineers  
Karen K. Adams  
696 Virginia Road  
Concord, MA 07142

Dear Ms. Adams:

The Nantucket Sound area where Cape Wind Associates is proposing to erect 130 wind turbine generators is one of the most natural, pristine bodies of water along the New England coastline.

It is my hope that this proposal will be rejected, not because I disagree with the concept of alternative energy sources, but because Horseshoe Shoal is the wrong place for such development. It is mother nature at its best, to be enjoyed by all who live and visit this area of the Cape.

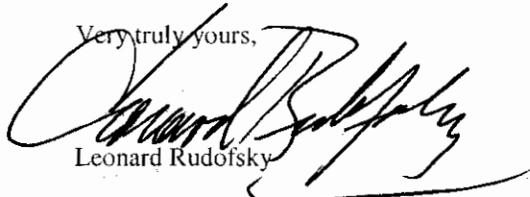
As a boating person, I am one of the "weekend warriors" who ventures forth from Hyannis Marina into the Sound to various destination points. I operate a 53 foot, 32 ton motor yacht with better than average electronics and I am always cautious when in the Sound because of all the shallow areas. The Sound can be beautiful in the morning and treacherous in the afternoon as winds and fog banks roll through. As I said, I am a "weekend warrior" experienced in seamanship to a point beyond many of the boaters who venture into the Sound in small boats going somewhere or just fishing the shoals. Many of these boaters, who are vacationers from other areas, or summer residents, don't recognize their own limitations and operate their crafts in the shoal areas when they really shouldn't, and get away with it because the waters are open. Install 130 turbines and I believe you will create a very dangerous situation for the general public.

From what I have read, there are alternative sites that will not have an adverse effect on the environment or the general public and that is where this developer should be looking. This body of water should be accorded the same protection as a State Park, just because it is that special. To propose it be used as a commercial venture for profit is in my view irresponsible.

For the record, I am a Real Estate Developer who develops large projects. I know where it is appropriate to build and where it is not, and the location of this turbine proposal is just a bad idea.

Thank you for taking your time to read this letter.

Very truly yours,



Leonard Rudofsky

Attachment - 01/21/03 Letter to Capt. Jim Murray, U.S. Coast Guard

cc: Capt. Jim Murray, U.S. Coast Guard

RECEIVED  
DEC 23 2004  
U.S. COAST GUARD

**PACKARD**  
DEVELOPMENT

2393

January 21, 2003

U.S. Coast Guard  
Capt. Jim Murray  
1 Little Harbor Road  
Woods Hole, MA 02542

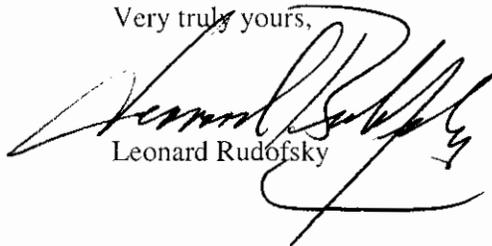
Dear Sir:

I write to express my opposition to the proposed offshore industrial power plant being considered to occupy 28 square miles of the water surrounding Horseshoe Shoals off Nantucket Sound. I find it inconceivable to think that this will not become a hazard to navigation for both commercial and especially pleasure boaters, many of whom lack proper experience to navigate with these impediments that are being proposed. Thus I believe this could become a real threat to the general safety of the boating public.

I further object on the basis that I find it inconceivable that anyone would propose to destroy the natural beauty of the waters off shore by creating these man made obstacles.

I currently operate a 53' motor yacht and have 17 years experience as a boater. I would be extremely concerned if the Coast Guard was limited in its' ability to provide help to a distressed vessel by use of helicopters during tough weather conditions, not to mention the extreme difficulties in distinguishing the difference between boats and these proposed towers on a radar screen. This project in my opinion is reckless and should be defeated.

Very truly yours,



Leonard Rudofsky

cc: Wayne Kurker

Dear Army Corps of Engineers:

2394

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, *Sale H. Arnold*

Date 12/17/04

Print Name Sale Arnold

Address 1520 33rd St, N.W.

City Washington DC 20007 State \_\_\_\_\_ Zip \_\_\_\_\_

RECEIVED  
DEC 27 2004  
REGULATORY DIVISION

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Dear Army Corps of Engineers:

2395

A 60-day review period is unreasonable to adequately review the massive 4,000-page Cape Wind Draft Environmental Impact Statement document. I respectfully request that you extend the review period to 180 days in order for the public to be as best informed as possible and provide you with thoughtful and unhurried input on this precedent-setting project.

Sincerely, *Robert J. Rice* *Julia B. Rice*

Date 12/30/04

Print Name Robert J. Rice Julia B. Rice

Address 172 Scudder Bay Circle

City Centerville State MA Zip 02632

RECEIVED  
DEC 27 2004  
REGULATORY DIVISION

2396

William F. & Claire G. Thompson  
25 WestWoods, Yarmouth, MA 02675

December 20, 2004

To:- Colonel Thomas L. Koning  
U.S. Army Corps of Engineers  
New England District  
696 Virginia Road  
Concord, MA 01742-2751

Subject- Nantucket Sound Wind Farm

Our region has an opportunity to make an economic and environmentally responsible move to harness the ever present wind in Nantucket Sound to generate electric power.

Our understanding is that thorough environmental studies, plus studies of Water and Air Navigation, Commercial and Recreational Fishing and Boating have found no contraindications to the Nantucket Sound Wind Farm Project.

A possible exception to the above is that concerning migratory birds, which The Mass. Audubon Society is still studying. Their report should be forthcoming soon.

Thank you very much for your consideration.

Sincerely Yours,

*William F. Thompson*  
William F. Thompson

*Claire G. Thompson*  
Claire G. Thompson

RECEIVED

DEC 27 2004

U.S. ARMY CORPS OF ENGINEERS

2397

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: \_\_\_\_\_

Address: 81 Albia Rd  
Nantucket Falmouth  
Mass - 02556

Phone Number (Please include area code): 508-548-6901

Email Address: Trophystripers@POL.com

Please state your questions/comments in the space below:

Dear Sirs

I wish to oppose the Cape Wind project. I am totally for wind power but object to its location on Nantucket Sound.

I operate a Charter Fishing boat out of Woods Hole and have never been to or plan to visit the proposed area so this is not an NIMBY issue. I believe Nantucket Sound's ambience would be destroyed and tourism would suffer if this Wind Farm is built.

Also, the use of public land for profit by a private company which ~~has~~ refuses to tell us how much they intend to gain in revenues troubles me deeply. Public land should be used for the public good. I feel this project was jump started in favor of Cape Wind and the public was not given ample warning.

Lastly, why don't the Corp of Engineers designate a Land Site for the Wind Farm such as the Military Reservation at Otis on the median strip of the Mid Cape Hwy on Rt 28. Maintenance + repairs are much easier to perform on land and one of the last unspoiled areas of water can be preserved from

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

This experiment

Sincerely 

239B

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Jeffrey Humber

Address: P.O. Box 1114 East Sandwich MA

Phone Number (Please include area code): 508-833-1493

Email Address: JeffreyHumber@aol.com

Please state your questions/comments in the space below:

Dear Ms Adams,  
Please be advised that I strongly oppose the construction of a power plant in the Sound. While I support alternative energy, I think it appropriate to ask "What's in it for me?" I fall in with the thousands who see this project as visual pollution in the middle of a national treasure. I question the logic of building an industrial complex that jeopardized the health of a fragile tourism economy upon which thousands rely. In exchange for what? The equivalent of a pen light battery to plug into the power grid. I ~~have~~ have further never of anyone vacationing to an industrial site. I am further concerned that this is project born on <sup>comp</sup> life support. I ~~some~~ some economically unfeasible who massive government subsidies. Should politicians ~~not~~ ~~not~~ reduce subsidies, as PAs are prone to do, who will maintain and remove the rusting ~~at~~ ~~at~~ albatrosses, once the power company experiences financial difficulties which is an economic certainty. The answer is of course tax payers!

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

2399

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: JEANNETTE G. LANG

Address: P.O. BOX 901  
BREWSTER, MA 02631

Phone Number (Please include area code): 508-237-1298

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

As a native Cape Codder raised  
in W. Yarmouth I spent my entire  
youth on the shores of Nantucket  
Sound. Now a mother of two small  
children, I want the sound to be  
for them what it was for me. I am  
opposed to the wind "Farm" and the  
damage it can do.

Please fold this questionnaire in half, affix two stickers or pieces of tape,  
and mail it to the address listed on the other side.

2400

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: STEPHEN F. LEMPITSKI

Address: 102 CAPTAINS Row  
MASHPEE MA 02649

Phone Number (Please include area code): 508-477-7843

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

LAST SEPTEMBER MY BROTHER CAME OUT FROM CHICAGO. FOR 20 OF THE 21 DAYS HE WAS HERE WE WERE OUT FISHING 2 TO 3 MILES ON NANTUCKET SOUND IN A 14 FOOT ALUMINUM BOAT. WE WERE ABLE TO DO THIS DUE TO ABSOLUTELY FLAT CALM SEAS AS THERE WAS NO WIND WHATSOEVER ON THESE DAYS. CAPE WINDS CLAIMS AS TO THE AMOUNT OF WIND IN THIS AREA ARE GREATLY EXAGGERATED.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

2451

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: John + Thalia Scanlan

Address: RR1 Box 444  
Lamberts Cove Rd  
Vineyard Haven, MA 02568

Phone Number (Please include area code): 508-696-0305

Email Address: JTSCANLAN@ADELPHIA.NET

Please state your questions/comments in the space below:

We are concerned about the use of public property being used by private enterprise as well as the potential risks related to boating, fishing, and bird migration. In addition a wind farm will be a god-awful ugly spectacle in the sound.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

12/21/04 - To mail.  
P.S. I didn't get out  
The comment sheet - So I wish  
To add a few lines. **2402**

I believe that this terrible  
project is going to go thru, because  
"you can't fight City Hall". In this case,  
it's the powers that want this project  
and don't care what it does to our  
ocean.

I hope you know that the  
majority of people that are for this did  
not come from the Cape originally &  
those of us who love our ocean and  
Nantucket sound are sailors, (recreational),  
fishermen and people like myself,  
that just plain love to look out on  
our clear ocean without ticking wind-  
turbines in our view. We love to  
swim & sail and race and our fishermen  
love to go out in the AM and come  
back in the PM. with a catch.

Please Please find a land base  
for this project and leave our beautiful  
ocean alone

Barbara B. Malhester  
88 Eldredge Ave  
Hyannis, Ma.

If you want wind mills, build  
them in the back yards of all  
the people that want this project -  
Then see how many would be  
so quick to want wind mills  
with large turbines flying around  
in the wind in their yards

The ocean is my backyard even  
tho I don't have an ocean view.  
and I don't want wind mills in  
my backyard of beautiful ocean,

Thank you for  
reading my  
Thoughts -

2402

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

Name: Barbara B Matheson

Address: 88 Eldridge Ave  
Hyannis, Mass 02601

Phone Number (Please include area code): 508-7785976

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

Comment: As humans we have taken away the land in buildings thus making the natural habitat for animals leaving no space in their natural habitat to live. Now the Wind Project wants to take away the natural habitat for all ocean life and even the birds wishing to suffer, much loss. (animals-deer-bears-coyotes rabbits and even red fox that appear in my yard almost daily due to the take over of woods and forest so developers can profit.)

Question: What is drilling ~~so~~ many (80 feet) going to do to our ocean bed?

Question: How come with all our State Senator (Kennedy), Atsalis Riley, Governor Romney and so many citizens of Cape Cod so against this, can this project proceed.?!?

Finally: When I am stressed, down and depressed, I force myself to go to the beach and just sit and watch the ocean and I am calm - If I have to go and see those turbines swaying in the breeze, I will sit and cry thus making my sadness worse!  
P.S. If all the people that are for this terrible project, they should build a wind mill in their back yard and generate their own energy - I just wish I had the courage to get up and speak my mind Tues night.

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.

Sincerely Barbara B Matheson

2403

**Adams, Karen K NAE**

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**From:** Joanne Balfe [jbalfe@starkcarpet.com]  
**Sent:** Monday, December 27, 2004 9:53 AM  
**To:** Energy, Wind NAE  
**Subject:** wind-farm off Nantucket Harbor

I beg you to re-consider proceeding with this project AT THIS LOCATION. Surely you can find an alternate location that would not have so damaging an effect as it would on this, a national treasure, a BUSY harbor, a major refuge for people, birds & fish.

Thank you for your attention.

Joanne Balfe  
Old World Weavers  
34-01 38th Ave.,  
Long Island City, N.Y. 11101  
Tel. 718-683-5100 ext. 7409  
Fax 212-715-0764  
email: jbalfe@starkcarpet.com

2404

**Adams, Karen K NAE**

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**From:** rmaille@comcast.net  
**Sent:** Sunday, December 26, 2004 9:37 PM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.  
Roland Maille  
61 Acropolis Rd  
Lowell, MA 018541301

2405

**Adams, Karen K NAE**

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**From:** Harold S Kramer [solomonkramer@yahoo.com]  
**Sent:** Sunday, December 26, 2004 9:19 PM  
**To:** Energy, Wind NAE  
**Subject:** I am opposed to the Cape Wind Project

My comments expressing opposition to the Cape Wind project are summed up in the following letter which I sent to the Editor of the Cape Codder newspaper sent December 24, 2004:

Dear Editor,

I am responding to several letters in the Cape Codder calling for public support of the wind farm proposed in Nantucket Sound. The objectives promised by it's private developers are commendable. However, there are alternatives that are not only more cost efficient, but aesthetically preferable, and more appropriately, would underwrite energy improvements that would benefit families directly, and can be implemented almost immediately.

The alternative to the wind farm is to implement a comprehensive plan of policies, and coordinated projects to save or conserve energy. Energy conservation strategies are less expensive than developing an elaborate marine-based infrastructure whose long range viability is quite questionable. Public moneys could be made available as grants, or low interest loans to home and business owners to make conservation improvements. And, many conservation measures do not require investment , just judicious use of the energy available.

Furthermore, I believe our energy policies should discourage the investment of public funds, or the allocation of public assets (shore facilities, seabed, etc.) for the exclusive benefit of a private corporation over which the people have little or no control.

Finally, we could all begin making energy conservation improvements immediately. Suggestions for saving energy and money at home are published by the U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy available on the internet at [http://www.eere.energy.gov/consumerinfo/energy\\_savers/](http://www.eere.energy.gov/consumerinfo/energy_savers/), and also available in printed form by the Department of Energy at no cost to consumers.

Harold S Kramer  
35 Farrell Ct  
Marblehead, MA 01945  
781-631-3319

2406

**Adams, Karen K NAE**

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**From:** hope993 [hope993@netzero.net]  
**Sent:** Sunday, December 26, 2004 8:28 PM  
**To:** Energy, Wind NAE  
**Subject:** favor wind energy

I would like to respond in favor of wind energy. Thank You Norman and Dorothy Hope New Bedford Ma

2407

**Adams, Karen K NAE**

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**From:** Alexa [solola8@yahoo.com]  
**Sent:** Sunday, December 26, 2004 6:16 PM  
**To:** Energy, Wind NAE  
**Subject:** In support of Cape Wind

Ms. Karen Kirk-Adams  
Cape Wind Energy EIS Project  
U.S. Army Corps of Engineers, New England District  
696 Virginia Road, Concord, MA 01742

Dear Ms. Kirk-Adams,

I am writing in support of Cape Wind. This project will produce significant benefits in terms of air quality, fossil fuel offsets, job creation, greenhouse gas reduction, and will help set an example of where our energy future should go. Please permit it! Thanks.

Alexandra Majors  
42 Spruce St.  
Watertown, MA 02472

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Do you Yahoo!?  
Take Yahoo! Mail with you! Get it on your mobile phone.  
<http://mobile.yahoo.com/mailedemo>

2408

Adams, Karen K NAE

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**From:** batyah@earthlink.net  
**Sent:** Sunday, December 26, 2004 5:56 PM  
**To:** Energy, Wind NAE  
**Subject:** Ensure 'Cape Wind' Project Is Safe for Wildlife

Colonel Thomas Koning  
U.S. Army Corps of Engineers  
696 Virginia Road  
Concord, MA 01742-2751

Dear Colonel Koning,

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

- Three full years of visual observations of birds - 12 months of radar observations of flying wildlife - A thorough and timely review of the project's potential effect on wildlife, including marine mammals

These factors will help determine whether the Cape Wind project is in the best interests of both the public and wildlife.

As it is written, the U.S. Army Corps of Engineers' draft environmental impact statement is hopelessly flawed, because it ignores relevant information and draws conclusions based on inadequate research.

This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Pease, please take action immediately.

Sincerely,

Batyah Bornaschelly  
8711 Pinecrest Avenue  
n/a  
San Deigo, California 92123

2409

**Adams, Karen K NAE**

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**From:** lucyherc@hotmail.com  
**Sent:** Sunday, December 26, 2004 4:31 PM  
**To:** Energy, Wind NAE  
**Subject:** Ensure 'Cape Wind' Project Is Safe for Wildlife

Colonel Thomas Koning  
U.S. Army Corps of Engineers  
696 Virginia Road  
Concord, MA 01742-2751

Dear Colonel Koning,

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

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This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

Ruth Pagano  
209 Davis St  
Greenfield, Massachusetts 01301

2410

Adams, Karen K NAE

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**From:** smith.amy.michelle@gmail.com  
**Sent:** Sunday, December 26, 2004 3:10 PM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

I am writing in support of the Cape Wind project. What is most important to me are the health benefits your study shows will accompany such a project. I teach in the Boston Public Schools, and each year I deal with students whose educations are affected by asthma. This year there are three who particularly come to mind. One student, Ilka needs to leave my class 5-10 minuets early each day to take the elevator, because of her asthma. Another student, Sophia stands outside my room panting each morning after the 4 flights of stairs, drinks some water, does a breathing routine, and must always catch up with the classwork. Finally, Shannon is an extremely bright student who missed an entire year of school because his mother's asthma was so bad that she could not escort him to his elementary school in the winter months. What is in the public interest? My students are like thousands of children living in the inner city as well as on the cape, whose lives are affected by asthma. Is it more important for children to be able to breath? Attend school in the winter? Hear my summary of the lesson that will help them on the test? Or is it more important that a handful of people will not see small lines on their horizon? I think in terms of the public interest as a whole, the choice is clear.

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

Amy Smith  
292 Harvard ST #5  
Cambridge, MA 021392313

2411

**Adams, Karen K NAE**

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**From:** Michael & Mimi Secor [mrsecor@hotmail.com]  
**Sent:** Saturday, December 25, 2004 9:21 AM  
**To:** Energy, Wind NAE  
**Subject:** Cape Cod Wind Farm

Dear US Army Corps of Engineers:

We are writing to support the development of the wind power farm in Nantucket Sound. We believe that the we (USA) must significantly reduce our dependence on fossil fuels for both economic and environmental reasons. The Cape Wind Farm is an excellent example of a project that can assist the nation on both counts.

Also, We own a small cottage on the cape and feel that any visual impacts of the project could actually boost the economy much as the windmills of Holland have done for the Netherlands.

We urge you to allow this project to proceed.

Thank you.

Michael and Mimi Secor

2412

**Adams, Karen K NAE**

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**From:** worley5@petsitters.com  
**Sent:** Friday, December 24, 2004 2:05 PM  
**To:** Energy, Wind NAE  
**Subject:** Ensure 'Cape Wind' Project Is Safe for Wildlife

Colonel Thomas Koning  
U.S. Army Corps of Engineers  
696 Virginia Road  
Concord, MA 01742-2751

Dear Colonel Koning,

Before you approve or deny a permit to erect 130 turbines in Nantucket Sound, please require the developer to conduct the thorough studies recommended by the U.S. Fish and Wildlife Service and the Massachusetts Division of Fisheries and Wildlife.

Specifically, the environmental review of this project should include:

- Three full years of visual observations of birds
- 12 months of radar observations of flying wildlife
- A thorough and timely review of the project's potential effect on wildlife, including marine mammals

These factors will help determine whether the Cape Wind project is in the best interests of both the public and wildlife.

As it is written, the U.S. Army Corps of Engineers' draft environmental impact statement is hopelessly flawed, because it ignores relevant information and draws conclusions based on inadequate research.

This project could be the first marine wind energy facility in the United States. As such, it will set a precedent for other offshore renewable energy projects.

Please require a rigorous, scientific review of its environmental effects. Clean air and healthy wildlife populations are not mutually exclusive. We need both.

Sincerely,

Janice Worley  
8422 Alburto Ave  
Whittier, California 90606

2413

**Adams, Karen K NAE**

**From:** jane and or joel maguire [seriugam@yahoo.com]  
**Sent:** Friday, December 24, 2004 11:33 AM  
**To:** Energy, Wind NAE  
**Cc:** Alan Zox  
**Subject:** Cape Wind Energy EIS Project

To: Ms. Karen Kirk-Adams

From: Joel & Jane Maguire  
PO Box 204  
Prudence Island, R.I. 02872  
[seriugam@yahoo.com](mailto:seriugam@yahoo.com)

Dear Ms. Kirk- Adams,

. The first sixty years of my life were spent on Cape Cod almost always within view of the water. I have been a commercial fisherman, recreational sailor, and am consistantly filled with awe and appreciation of the water and the multitude of gifts that it offers to us. Food, beauty, solace for the spirit, endless recreational opportunities, solitude, and now as host to a wind farm, the incredible opportunity to work toward doing away with poison spewing chimneys, life threatening nuclear plants, and unnecessary dependence on a non- renewable resource that will be completely expended soon throughout the world anyway, forcing us to seek viable alternatives in a panic.

It is a fact that recreational and commercial fishing will improve within the wind farm area because of the artificial reef atmosphere that will be created by the tower bases.

I suggest that those who see the towers as a hazard to navigation, might also consider the Bourne and Sagamore bridges hazardous as well.

The horizon is certainly more aesthetically pleasing without a wind farm, but if we must sate our burgeoning desire and need for electricity, the towers are way ahead of the afore mentioned poison spewing chimneys, etc.

Anything and everything we can do now to reverse the trend of consumption at the price of destroying the very atmosphere where we hope to live and breathe must be set in motion at once. The rest of the world has caught on, (Europe, China) ,let's go back to leading in the proper direction, rather than the lemming approach. I prefer to opt out of any mass suicide, however subtle or profitable.

Hopefully any nimbyism from prominent residents will be recognized for what it is and discounted.

Please, I urge you to do the world a favor and give your full support to the implementation of the Cape Wind project.

Thank you for your time and consideration.

12/27/2004

2414

**Adams, Karen K NAE**

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**From:** schwartz@bpbtc.com  
**Sent:** Friday, December 24, 2004 9:43 AM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts' energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

G Schwartz  
Ten post office square  
boston, MA 021094603

24/5

**Adams, Karen K NAE**

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**From:** helentm@juno.com  
**Sent:** Thursday, December 23, 2004 10:44 PM  
**To:** Energy, Wind NAE  
**Subject:** Massachusetts needs wind energy

Wind power is a promising choice for Massachusetts's energy future. We need to ensure that the Cape Wind Project receives a prompt and thorough review that keeps the public interest at the forefront.

Helen Hamilton  
679 George Hill Rd  
Lancaster, MA 015232156

2416

PUBLIC HEARING STATEMENTS

December 16, 2004

My name is George Watson Rich I am a resident of Osterville, Cape Cod and a retired computer industry specialist in Business Development and Marketing. For 45 years I participated in new technology ventures, start-ups, acquisitions and long range planning - 22 years with A. B. Dick, Xerox and Control Data and 23 years with my own company - Marketing International.

I would like to comment on the Draft Environmental document of the Corps of Engineers and on the paramount issue that is missing from this document, because it is falls outside the expertise and capabilities of this "lead federal government agency."

First, I would like to compliment both the Corps and Cape Wind for producing a first rate environmental impact document that represents close collaboration on their part, to an extent that almost calls into question the objectivity of the Corps itself. The parts I have printed out and read so far, almost sound like pages from a Cape Wind business plan designed to attract investors. For example, I chose the Socioeconomics section 5.16 covered on pages 258 through 283 which offers the broadest perspective on the project. I felt the narrower subjects pertaining to birds, water quality, geological impacts and other technical items to be more straight-forward and well suited for Corps analysis. In these 25 pages I was unable to find any negative impact statements of consequence on public health, electricity rates, local economy, employment, taxes, property values, housing, tourism, recreation, boating, fishing, environmental justice, etc.

The Socioeconomics section clearly points out the contributions made by various consultants and by several studies carried out by reputable organizations. However, as one who has helped prepare many business plans and reviewed many venture capital proposals I found this excessively positive view unconvincing.

24/6

I submitted my written comments to the Corps on December 12th together with two charts - one was a pyramid showing the scope of the Draft EIS/EIR work of the Corps and Cape Wind in the middle cross section - the top section of the pyramid was labeled "The Paramount Issue" which is missing, unfortunately, from this permitting process. The other is<sup>a</sup> map of Cape Wind's proposed alternative Horseshoe Shoals and three other sub-sites in Nantucket Sound; Below this Wind Park map is another map of the Cape Cod and Islands "circle" encompassing this unique body of water we call Nantucket Sound.

By "Paramount Issue" I mean the "Big Question" - the answer to which everything else depends. Do we want to approve ZONING this integral body of water serving Cape Cod to the North and the highly populated islands to the South for the construction of 24 square miles of industrial machinery with the potential of future expansion to three other sites? Yes - lets face it - above all we have a ZONING problem here, not an environmental problem, as such. And, should the Corps of Engineers be given the responsibility for resolving this ZONING problem as part of their designated permitting process?

I don't think so! In my letter to Governor Romney with copies to Attorney General Reilly, Senator Kennedy, Senator Kerry and other key officials I have suggested that appropriate legal and procedural steps be taken to redefine "offshore" as coastlines without any outward land masses or islands within 50 miles of state jurisdictions like Marthas Vineyard and Nantucket. The Commonwealth of Massachusetts and other states should have the right to ZONE their coastlines for ocean development and avoid business/industrial exploitation of these unique bodies of water for indiscriminate development.

Delivered at MIT Public Hearing  
by George Watson Rich  
December 16, 2004

2417  
2370

Comment Sheet  
On Draft Environmental Impact Statement (EIS)  
For the proposal for an Offshore Wind Project  
In Nantucket Sound

RECEIVED  
DEC 22 2011  
U.S. DEPARTMENT OF COMMERCE

Name: MARY J. Metzger

Address: 13 Mary Beth Ln  
HARWICH MA 02645

Phone Number (Please include area code): 508-430-7099

Email Address: \_\_\_\_\_

Please state your questions/comments in the space below:

Surely the wind doth blow in Nantucket Sound, and surely we need alternative clean sources of energy like wind power. But . . . it is obvious NANTUCKET SOUND is being chosen for this project, because use of the land is being given free to a private company. Why else would they choose the challenges of building a wind farm at sea?

It is too soon to move ahead with this project. A comprehensive offshore policy for all the coastal waters needs to be in place first.

There are land alternatives to consider, i.e. there is space unused by wildlife and humans between the lanes of our Federal highway. Some of these must be prime wind sites and transmission would fit in easily with the infrastructure.

More studies need to be done regarding the Nantucket project to figure the impact on the local tourist economy, the effect on migrating birds, and on boating in these fog-bound waters.

*MJM*

Please fold this questionnaire in half, affix two stickers or pieces of tape, and mail it to the address listed on the other side.