

I am a resident of 109 Seaside Place in Sea Girt, NJ and have the following comments regarding the planned windfarm projects.

- 1) It is my understanding that the proposed turbines are a new design and larger than any operating today. Is this true? What is your expected operating life of these turbines and how did you create this estimated operating life without any physical data?
- 2) Why do we need over 2000 untested wind turbines? Where is all the electricity going? Do you need a project of this scale to make a profit?
- 3) I heard that the Bureau of Public Utilities (BOPU) said that the increase cost to users will be few cents. That is a vague, misleading answer. What costs are increasing a few pennies cost per kilowatt hour or your monthly electrical bill. I'm betting it's your cost per kilowatt hour and your monthly electrical bill will increase substantially.
- 4) What will happen if the windmills fail sooner than expected or require more maintenance than expected. Are the utility users on the hook for this additional cost also.
- 5) Has anyone calculated if there is an environmental benefit in operating the wind turbines after considering all the environmental releases associated with fabricating, installing, and maintaining these wind turbines and associated power lines and switch gear. This analysis should be done by a recognized scientific body not associated with the BOPU or NJDEP. The emission reductions achieved by avoiding fossil fuel electrical generation should be compared to all the emissions and other environmental releases related to the manufacture and operation of the proposed windmill project. This calculation should include releases in: mining, transporting, refining, forging, and fabricating steel, copper, lithium, and any other metal components required for the project synthesizing, fabricating, and transporting all plastic and fiber glass components such as cable insulation, bearings, and coatings used in the project
- 6) The BOPU has agreed that this windmill project will adversely affect the fish population off the New Jersey coast. I strongly recommend that a recognized scientific body not associated with the BOPU or NJDEP be hired to quantify this impact. I think it is critical to a real Environmental Impact Statement.
- 7) What is the configuration of the trench(es) that will carry the power cables through Sea Girt to the Howell substation. We should know the dimensions of the trench, number of cables in each trench, voltage and current going through each cable. A recognized scientific body not associated with the BOPU or NJDEP should calculate the electro magnetic field generated by this trench and verify that there are no health risks to residents living near the power lines, or children attending schools in the area, or people shopping/eating in the commercial center of Sea Girt. This evaluation must be made public.
- 8) How long will it take to construct the powerline trench(es). The noise and dirt from construction will be a major inconvenience to people living in the area. This could also create a major safety issue. There are only two streets that connect Sea Girt residents living east of the railroad tracks to Route 71 (Sea Girt Ave/Washington Blvd and Beacon

Blvd). If Beacon Blvd is blocked while there is major construction on Sea Girt Ave, rescue vehicles will have a difficult time reaching an emergency east of the railroad.

- 9) Constellation Energy recently bought the Three Mile Island nuclear power plant in Pennsylvania and will rebuild it to produce power again. It is my understanding that the Oyster Creek power plant is shutting down. Has anyone considered doing the necessary repair replacement work to keep Oyster Creek running for another 50 years. These windmills obviously adversely affect the environment. If the Oyster Creek plant could stay in operation the number and possibly the size of the windmills could be reduced.