



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2  
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JAN 24 2011

Melissa Rossiter  
NEPA Document Manager  
U.S. Department of Energy  
Office of Energy Efficiency and Renewability  
Golden Field Office  
1617 Cole Boulevard  
Golden, Colorado 80401-3305

Subject: Town of Hempstead Wind-to-Hydrogen Project, Point Lookout, New York

Dear Ms. Rossiter:

The Environmental Protection Agency has reviewed the U.S. Department of Energy's draft environmental assessment (DEA) for the Town of Hempstead Wind-to-Hydrogen Project at Point Lookout, New York. The proposed project would entail the design and construction of a 100-kilowatt wind turbine approximately 122 feet tall and include installation of an underground electrical line. The system would convert wind energy to electricity to power an electrolyzer to make pure hydrogen for the Town of Hempstead's fueling facility.

EPA concurs with the Department of Energy that the proposed project should not significantly impact the environment. We expect that project design will account for sea level rise and other climate change results.

As the site is located in the Nassau-Suffolk Aquifer System, designated by the EPA as a Sole Source Aquifer on June 21, 1978 (citation 43 FR 26611), EPA has also reviewed the project in accordance with Section 1424(e) of the 1974 Safe Drinking Water Act, PL 93-523. Based on our review, and provided that fuel, lubricants and other potentially hazardous materials in use during construction are properly contained, we do not anticipate that this project will result in significant adverse impacts to ground water quality. Accordingly, the project satisfies the requirements of Section 1424(e) of the Safe Drinking Water Act.

If you have any questions, please call Lingard Knutson of my staff at (212) 637-3747.

Sincerely,

A handwritten signature in cursive script that reads "Grace Musumeci".

Grace Musumeci, Chief  
Environmental Review Section