



**Green Innovation Grant Program (GIGP) No. 133**  
**DWSRF Project No. D0-17965**  
**Town of Richland**  
**Project Name: Green Energy Production at the Schoeller Well Site**

**DEC Region: 7 County: Oswego**

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**Type of Financing:** American Recovery and Reinvestment Act (ARRA) Green Innovation Grant Program

**Estimated Total Project Cost:** \$976,400.00

**Recommended GIGP Award Amount:** \$585,000.00

**Local Share:** \$391,400.00

**Other Funding Sources:** \$0.00

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**Project Category:** Drinking Water SRF. Energy Efficiency.

**Project Description:**

This project involves the installation of a 100 kilowatt wind turbine and a new on-site hypochlorite generation system at the Schoeller well site.

**Project Summary:**

This project will provide renewable energy to offset the electrical cost associated with pumping and treating water at the Scholler Well Site. Because sodium hypochlorite production is energy intensive, the Town will off-set energy demands through the use or renewable green wind power.

This project is categorically eligible for GIGP financing in the Energy Efficiency category per the United States Environmental Protection Agency's (EPA's) "Guidance for Award of Recovery Act Funding to State Revolving Funds" (page 48):

1. Energy Efficiency. Categorically eligible projects include "capital projects that reduce the energy consumption of eligible drinking water infrastructure projects" including the example in IV. c. "producing clean power for treatment systems on site (wind, solar hydroelectric..."

This project is located in Oswego County which is designated as an economically distressed area.

**Funding Summary:**

The Water District will provide the 10% match by using the Town of Richland Water District #2 Appropriated Fund Balance.

**SEQR Findings:**

The Corporation has determined that the proposed action will finance a project which will not have a significant adverse impact on the environment: (1) DOH has issued a SERP Certification; (2) no potentially large impacts have been identified; and (3) the Town of Richland, acting as lead agency, has issued a negative declaration.

**Construction Schedule:**

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Town of Richland Green Energy Production at the Schoeller Well Site	February 15, 2010	December 12, 2010