



**Green Innovation Grant Program (GIGP) No. 70**  
**CWSRF Project No. C4-5483-04-70**  
**Village of Hoosick Falls**  
**Project Name: Sludge Holding Tank Modifications**

**DEC Region: 4 County: Rensselaer**

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

**Estimated Total Project Cost:** \$103,238.00

**Recommended GIGP Award Amount:** \$92,914.00

**Local Share:** \$10,324.00

**Other Funding Sources:** \$0.00

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

**Project Description:**

This project involves the installation of a mixer in the sludge holding tank at the wastewater treatment plant as well as solar panels to provide clean power for the unit. The scope of this project is defined by the Engineering Report titled "Sludge Holding Tank Upgrades" dated October 2009 by C.T. Male & Associates and made eligible by NYSEFC on December 7, 2009. This project is further defined by plans and specifications titled "Sludge Holding Tank Modifications" dated October 2009 by C.T. Male & Associates and made eligible by NYSEFC on December 7, 2009.

**Project Summary:**

The Village of Hoosick Falls operates a wastewater treatment facility. The sludge holding tank at the facility has been damaged during below-freezing weather. The project will serve the following purposes: (1) provide a source of clean renewable energy for the mixer at the wastewater treatment plant; (2) maintain treatment efficiency; and (3) protect water quality by preventing damage to the sludge holding tank during below-freezing weather.

This project is categorically eligible for GIGP financing per the United States Environmental Protection Agency's (EPA's) "Guidance for Award of Recovery Act Funding to State Revolving Funds" dated March 2, 2009:

1. Energy Efficiency. Categorically eligible projects include the use of "improved technologies and practices to reduce the energy consumption of water quality projects... produce clean energy used by a treatment works" (page 43 of the EPA Guidance) including the example in IV.c. "producing clean power...on site ...[from] solar [power]" (page 44).

**Funding Summary:**

The Village has committed to providing the local 10% match for the project.

**SEQR Findings:**

The Corporation has determined the proposed action will finance a project which constitutes "rehabilitation or reconstruction of a structure or facility in kind" which is a "Type II" action under SEQR, pursuant to 6 NYCRR Section 617.5(c)(2).

**Construction Schedule:**

<u>Description</u>	<u>Construction Start</u>	<u>Construction Completion</u>
Village of Hoosick Falls Sludge Holding Tank Modifications	April 1, 2010	May 30, 2010