

Green Innovation Grant Program

Project Title: Wastewater Sludge Disposal Auxillary Fuel Systems

Grant Recipient: City of Glens Falls

Location: Warren County, NY

Green Infrastructure Practice: Energy Efficiency

EFC Grant Amount: \$1,334,134

Total Project Amount: \$5,573,978

GIGP ROUND 1



*PROJECT COMPLETED 12/2010
(ARRA)*

Project Description:

GIGP funding helped the City of Glens Falls provide an alternative approach to managing yellow waste from commercial kitchens in the area. Utilizing waste grease as a renewable fuel source at a wastewater treatment facility eliminates potential impacts on water quality and improves efficiency. Yellow grease is a waste material that is difficult to manage, and using

it as a renewable, alternative fuel removes this material from the wastewater treatment stream.

Using yellow grease as a source of fuel reduced the use of fossil fuel at the plant by approximately 90% (228,000 gallons) per year, while removing approximately 455,308 gallons of grease from the waste stream.

**SIEMENS BUILDING TECHNOLOGIES
ALBANY, NEW YORK**

**CITY OF GLENS FALLS
ENERGY UPGRADES
ESCO DESIGN-BUILD PROJECT 2**

SEPTEMBER 2009

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SCALE: 1/8" = 1'-0"
PLAN
01





CDM
Camp Dresser & McKee

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CDM PROJECT NUMBER 58598-70315**

