



Recycled Vegetable Oil Project

Biofuel – Any fuel derived from biomass; e.g., from recycled vegetable oil.

SOLAQUA Power & Art Research and Development Project

Project Location:

Kling Magnetics, Inc. offices on the SOLAQUA Campus
343 Route 295 Chatham, NY 12037

Project Description:

In August 2006, SOLAQUA initiated a waste vegetable oil recycling program to turn the local restaurant fryer waste into renewable energy. Waste vegetable oil is currently collected weekly from over 20 local restaurants.

SOLAQUA hopes to demonstrate that waste vegetable oil is an environmentally friendly, cost-effective alternative to high-priced fossil fuels and engage the community in renewable energy efforts.

The filtered straight vegetable oil will be used to heat Kling Magnetics, Inc. manufacturing space via a waste vegetable oil boiler, and electricity for the facility from a 60kW generator.

Project Benefits:

- Reduce dependence on fossil fuels
- Reduced greenhouse gas emissions
- Less wastes discarded into landfills
- Eliminate disposal costs for Restaurants

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