

Green Trust promotes renewable, clean energy with line of biofuel generators and conversion kits.

Green Trust modifies diesel vehicles and generators to run on used fryer grease, and provides conversion kits for DIY conversions.

(PRWEB) October 7, 2004 -- Green Trust, a renewable energy research center, is converting diesel vehicles and generators to run on Waste Vegetable Oil (WVO), the leftover fryer grease that restaurants commonly have to pay to have landfilled. Green Trust also develops ethanol distillation and methane digestion equipment, as part of their clean, renewable energy focus. "Biodiesel, Ethanol, and Bio-Methane are important components to eliminating fossil fuels", says Steve Spence, Director of Green Trust's Operations.

With our VeggieGen project, we take a waste product (WVO) and turn it into electricity with our Detroit Diesel 12.5 kw generator. Heat from the generator is used to heat our Domestic Hot Water (DHW), or tap water, as is more commonly known. The oil comes in 4.3 gallon plastic jugs (which we recycle) wrapped in a cardboard box. The cardboard box, plus the leftover veggie gunk (BCB's (burnt crispy bits) and "milkshake") that can't be used in the generator is used to start the wood furnace that heats our facility. No more splitting wood for kindling. The cardboard and "gunk" is enough to ignite whole log chunks. Since it's been in the high 20's (F) this week, the heat has been appreciated.

More info can be found at <http://www.green-trust.org> and Steve Spence can be contacted at sspence@green-trust.org



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Online Web 2.0 Version

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