

VEGAWATT™

Owl Power Company

Ben Prentice-Vice President of Sales



MISSION STATEMENT

Vegawatt is an on-site
co-generation system that recycles
waste cooking oil into energy
for foodservice facilities.

www.vegawatt.com



VEGAWATT™

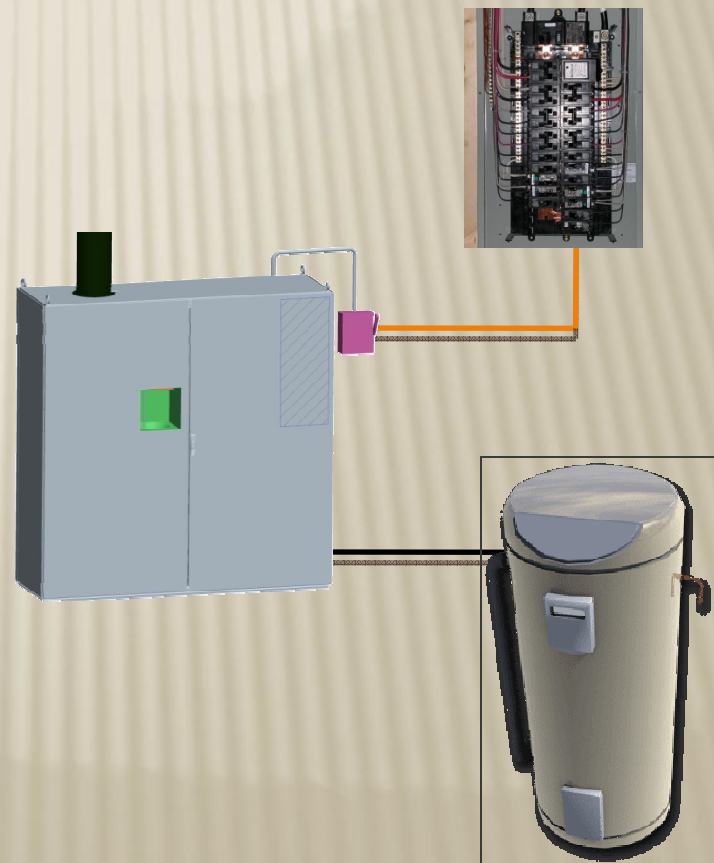


OWL POWER COMPANY

2008 Patent Pending

WHAT DOES IT TAKE?

- ✗ 50-80 gal/wk of WVO
- ✗ Desire to
 - + reduce energy costs
 - + be environmentally responsible
- ✗ Simple installation
 - + Electrical connection to breaker panel
 - + Connect water line through HEX to water heater



Vegawatt - Your Savings Analysis

Customer:	
Location:	Massachusetts
Contact:	
Phone:	
E-mail:	

ASSUMPTIONS - customer data		
Electric energy cost (from your electric bill)	\$ 0.16	per kWh
Demand charge ((from your electric bill)	\$ 10.00	per kW
Water heating (e or g)	g	
Natural gas cost (from your gas bill)	\$ 1.70	per therm
Production Tax credit rate	\$ 0.01	per kWh
Renewable energy credit (RECs)	\$ 25.00	per MWh
Voluntary RECs (National)	\$ 3.00	per MWh

Federal mandate
current market price
Evolution Markets (SF)

WVO (gallons/week disposed)	50	60	70	80
Monthly				
Weekly run time (hrs)	100	120	140	160
Electricity (kWh)	2167 \$ 347	2600 \$ 416	3033 \$ 485	3467 \$ 555
Demand (kW)	5 \$ 50	5 \$ 50	5 \$ 50	5 \$ 50
Hot water (therms)	82 \$ 140	82 \$ 140	82 \$ 140	82 \$ 140
TOTAL MONTHLY SAVINGS	\$ 536	\$ 606	\$ 675	\$ 744
Annual				
Production tax credit*	26000 \$ 260	31200 \$ 312	36400 \$ 364	41600 \$ 416
Renewable energy credits (RECs)**	26 \$ 650	31 \$ 780	36 \$ 910	42 \$ 1,040
Voluntary RECs (National)	26 \$ 78	31 \$ 94	36 \$ 109	42 \$ 125
PROJECTED ANNUAL SAVINGS	\$ 7,424	\$ 8,454	\$ 9,484	\$ 10,513

*annual federal tax credit given to renewable energy for 10 years

**Owl Power Company will provide mechanism for owner to sell these on the open market

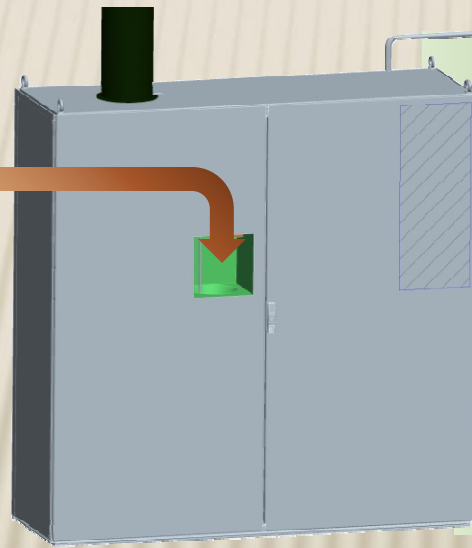


VALUE OF WVO

WVO VALUE
\$2.44/GAL



1 gallon
waste
vegetable oil



Electricity \$1.74



Hot Water \$0.38

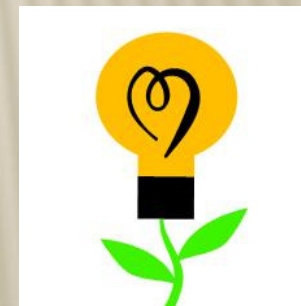
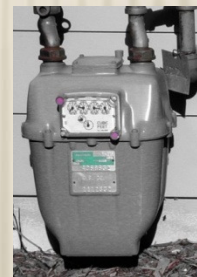


Credits \$.32



CUSTOMER BENEFITS

- ✘ Reduce electricity demand and energy costs
- ✘ Reduce domestic hot water energy costs
- ✘ Receive renewable energy credits & LEED points
- ✘ Eco-friendly image



ENVIRONMENTAL BENEFITS

- × Carbon neutral generation
- × Reduces use of fossil fuels
 - + Electric generation
 - + Transportation & gathering of WVO
- × Reduces demand on transmission grid
- × Reduces landfill matter
- × Reduced wastewater treatment costs
- × No byproducts of bio-diesel conversion



Vegawatt™ - waste cooking oil to energy

Ben Prentice

Vice President – Sales



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