



ON-SITE GREEN ENERGY FROM FOOD WASTE

GEA offers a containerized system that converts your food waste into energy and saves on disposal costs. Our system requires no investment from our client and is beneficial to any sector that generates food waste. With food waste being converted to energy on-site in our Bio Refinery using Anaerobic Digestion, clients will save on transportation and disposal cost. Our system's ability to produce on-site sustainable energy from food waste will lead to reduced energy costs for our clients. The design of our system allows for easy expansion if our client experiences a surplus of food waste. Our system requires minimal supervision and will require minimal adjustments in our client's day to day business operations.

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Revenues/Avoided costs include:

- ◆ Electricity
- ◆ Hot Water
- ◆ Disposal Costs
- ◆ Fertilizers

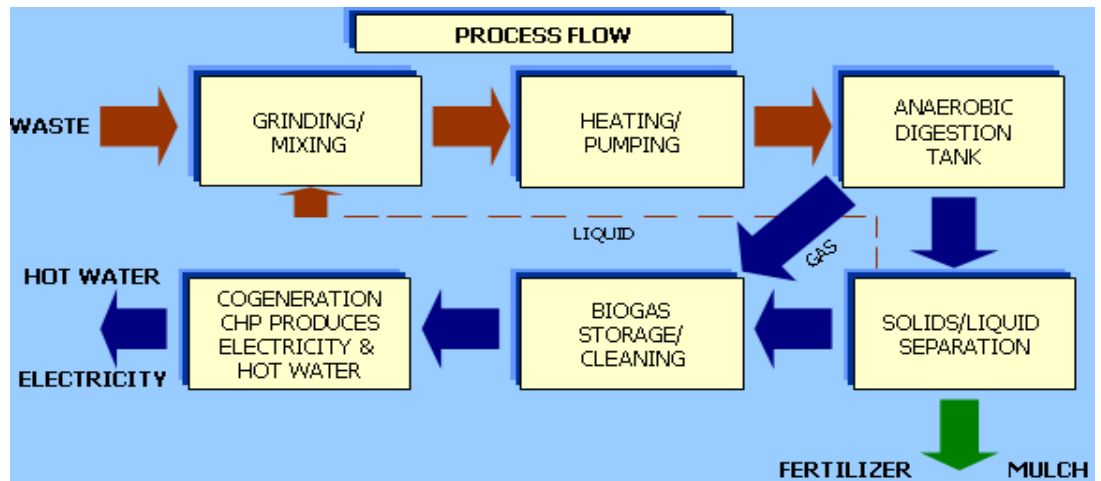


Typical Performance

	<u>Food Waste</u>	<u>Sewage Sludge</u>
Input (Tons/yr)	1000	2570
Output Mulch (Tons/yr)	20	43
Output Fertilizer (Tons/yr)	822	2365
Output Biogas (CF/yr)	8.6 Million	3.3 Million
Electricity Total (KWh/yr)	456,000	229,000
Electricity Available (KWh/yr)	420,000	163,000
Heat Total (BTU/yr)	2850 Million	1300 Million
Heat Available (BTU/yr)	2650 Million	980 Million
Payback	3.8 years	4 years

MARKETS SERVED

- ◆ Airports
- ◆ Catering Companies
- ◆ Food Manufacturing
- ◆ Hospitals
- ◆ Hotel Chains
- ◆ Military Bases
- ◆ Mobile Home Parks
- ◆ Prisons
- ◆ Sewage Plants
- ◆ Shopping Centers
- ◆ Supermarkets
- ◆ Universities



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