

ANNOUNCING -

A revolutionary energy recapture system that combines time-tested and patented technologies in a new way to address our current energy, economic, and environmental issues.

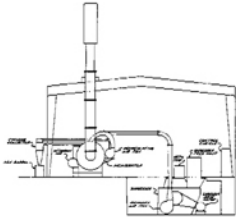
VorCinErgy™ offers:

- ✓ the efficiency of a small footprint
- ✓ modular design for fast service and quicker installation
- ✓ high temperature vortex incineration - no harmful odors or emissions
- ✓ economic operation - fully automated, self-fueling
- ✓

Part of our 3e CertificationSM



a new generation of vortex incinerator for municipal and industrial waste needs



VorCinErgy™ offers state of the art energy recovery in a small footprint and flexible modular format. With a proven and patented design, this system can operate more efficiently and at a lower cost than other alternative energy programs currently available.

Standard shredders and steam turbine generators are available in a variety of sizes and specifications to be tailored to each use, including municipal, industrial, medical, food service, woody biomass; even tires and other difficult waste issues.

VorCinErgy™ is the 3rd Generation of Vortex Combustors under this design. Using the patented design, this system can burn more than 20 times as much refuse per unit of chamber space as conventional combustion technologies.

Features:

- ✓ Smaller footprint than conventional combustors
- ✓ Operating temperatures above 2,000° F
- ✓ Waste material burned in suspension in a 90 mph vortex
- ✓ Efficient combination of high temperature and speed

Benefits:

- ... Can be placed closer to service area for less transport
- ... Ability to more effectively eliminate even hazardous waste
- ... Waste material continues to burn until no mass left
- ... No obnoxious odors and no harmful emissions

about 80% of all electricity generation in the world is by use of steam turbines

Steam turbines have been around in their current form for over 125 years. Combining their use with Waste to Energy (WtE) applications has been available for the past 40+ years. We are proud to be able to introduce the world's most efficient power generation available today.

Based on industry standards, **VorCinErgy™** can easily manage the waste needs of more than 40,000 people, plus hospitals, businesses, and other industrial waste disposal. With high temperatures producing high-power steam, it can generate enough electricity for more than 8,000 homes.



Waste management for more than 40,000
8+ tons per hour / 200 tons per day
200 tons produces more than 6 MW of electricity
6 MW of electricity serves tens of thousands
All with clean, renewable American energy!



American Alternative Energy Group supports communities and businesses by offering local fabrication and manufacturing under our licensing, quality control standards, and specifications.

Part of our 3e CertificationSM

