Ultimate Gasification & Purification Systems
Simple Flow Chart

Feedstock → Pulverizer → Syngas → Ultimate Gasification © Systems → Feedstock Storage → CHP Unit

Electricity → Syngas (80%)

20% Moisture Reduction & Water Recovery → Carbon Black → Sale Commodities

80% Fischer–Tropsch Process “Diesel Fuels”
Our Technology

Ultimate Gasification© Systems

- Electromagnetic Induction Heating super-heats feedstock in a vacuum to extract gas from material, also known as Syngas. The gas is hydrogen-rich and contains ultra-low sulfur, with zero air emissions.

Synthetic gas will be used to:

- Produce electricity, hot water and steam at Cogeneration Power Plants (CHP)
- Create liquid Biofuels, Synthetic diesel fuel, via a Fischer-Tropsch refiner

“Zero Air Emissions”
Simple System Diagram

- Feedstock Bin
- Electronic Heating System
- Vacuum Auger
- Auto Auger Transfer System
- Water Recycle System
- CHP Unit
- Electricity
- Gas-to-Liquid System
- Pressurized Gas Storage
- Vapor Condenser
- Condensed liquid
- Vacuum Pump
- Product Vapors
- Biochar Discharge
Electromagnetic Induction Heating
Zero Emissions

No SO$_2$, SO$_3$, NOX, VOC’s, or CO$_2$
Project “Proven” Concepts

Energy-Inc. Park creates, designs, engineers and assembles its own proprietary equipment* and systems* that are manufactured by companies recognized around the world for their proven technologies.

Redundancy provides for multiple interchangeable components that can perform a common function as well as backup systems that perform a common function in the event of failure, mishap, or change in operational conditions.

Each of our waste-to-energy plants will create U.S. Jobs, and our equipment will be stamped “MADE IN THE U.S.A.”

* Equipment and systems are under legal review for U.S. Patent Pending
Strategic Partners
System Control Center
Modular Equipment

- Unique manufacturing makes the equipment scalable to fit any size project
- All equipment is installed and can operate within a 53’ ISO container
- Can be used as the building blocks for a waste to energy facility
- Easily transported via: Tractor Trailer, Rail, Ship, Barge, Air Cargo and Helicopter
- Marketing and Advertising opportunities on the side of the container
- Military applications for ships, bases and battlefields
- Aid in emergencies and disaster, provides:
  - Waste clean-up, recycling
  - Electricity
  - Gas and fuels
  - Recycled water
  - Hot water and/or steam
Wabash National Corporation (NYSE: WNC)

Container Manufacture Celebrating 29 Years

Lafayette, Indiana
Standards

- Energy-from-waste technology is developed to meet the standards of:

ASTM Standards and Test Methods

UL Listed

FERC

Federal Energy Regulatory Commission

CHP

Combined Heat and Power Partnership

EPA
Summary

The equipment package processes any materials except nuclear into finished products. It does this without creating any emissions into the environment. This includes SO2, SO3, Nox, VOC’s and CO2. This is accomplished because our technology does not incinerate the waste but the process uses extreme heat to breakdown the waste.
Appendix

Biographies
Biographies

Kim Kirkendall
*President and Chief Executive Officer*

Holds B. S. Degree from Indiana State University and MBA Degree from University of Phoenix

Attended Harvard Graduate School of Design

Became V. P. Renewable Energy for MGM, Mirage, and worked for: Starwood Hotels & Resorts worldwide and General Motors Delco Electronics Division

Spent the last seven years developing “The Ultimate Gasification System” that converts wastes into usable forms of clean energy

**Licenses and Certification:** General Contractor Indianapolis, Electrician, Roofing Contractor, Building Contractor, and 15 other licenses and certifications
Biographies

John Hurley
Co-Founder

Fluent in the world of entertainment and business

Actor – TV (played J. Peterman on Seinfeld), Broadway, Advertising, Author, and Composer

Worked with Xerox and the Travel Channel in advertising and marketing

Part owner in J. Peterman Company and Principal Partner in six companies, most notably “Polite View” which is used extensively by the U. S. Government, Airlines, The UN, and many Fortune 500 Companies

Provided the capital the last 7 years to develop the Ultimate Gasification System

Featured as both entertainer and businessman in Business Week and Time Magazine
Biographies

Steve Provost
*Chief Financial Officer*

Mr. Provost serves currently as an advisor to Microsoft and as a Board Member for two technology companies.

He received his B. A. Degree from Providence College and spent 22 years at IBM and Computer Sciences Corporation where he held positions in Software Engineering & Product Development, Sales, and Professional Service functions.

Mr. Provost worked as V. P. of Sales for Microsoft Worldwide Services Organization.
Biographies

Edward L. Marlow
Civil Engineer

Holds M. S. in Civil Engineering at University of Utah
B. S. in Biology at Westminster College
B. A. in Behavioral Science

Has spent 38 years in Environmental and Energy Engineering
Program Manager in Water Conservation and Energy Conservation for Sacramento Area Water Works Association where he also served as President

Did over eight Water Projects in California where the entire equipment was replaced
Chief Engineer on eight other Waste-Water Projects where expansion of the plants was needed
Services used by many counties in California as an advisor
Biographies

Richard A. Steinke  
*Advisor in Marketing, Sales, and Financing*

Mr. Steinke is the Chief Executive Officer of Wind Sail Receptor, Inc. Wind Sail Receptor has two new technologies (Windmills and Recovering Air-Pollution Systems) in the marketplace.

Mr. Steinke received his Bachelor of Arts from University of Arizona in International Political Science & Economics.

Over 48 years of experience in Mining, Oil, Real Estate, Construction, Securities and Technologies. Mr. Steinke spent the last 38 years inventing over 50 products presently in the marketplace (technologies have been shown on t. v. worldwide numerous times)

**Patents:** Air Pollution (7), Shoe Technology (1), Windmill (1), Tire Technology (21), Shock Material (1), Polyurethane Chemical Formulas for Products (100+), Worldwide (100+), Pending Patents (12), Trademarks (3)

**Special Awards:** Tesla Innovation, Technology Bridge Builder, and Tire Innovation Awards