



Vexor Technology's pre-processing waste-to-energy service allows customers to avoid landfill disposal and gain the benefit of energy recovery. Through proper blending, we can prepare certain non-hazardous waste streams into material that is acceptable for burning at waste-to-energy incinerators. Some materials that do not meet the acceptance criteria on their own can be processed through our master blending process allowing the material to be converted as well.

**Solid and liquid non-hazardous materials are a perfect fit for waste-to-energy programs. Example non-hazardous materials include:**

- Waste waters
- Treatment, storage, disposal facilities (TSDF) blends oily debris, rags, filters, and powders
- Consumer products
- Industrial waste

**BENEFITS**

**There are many benefits for converting waste streams into a solid material that is acceptable for burning at waste-to-energy incinerators. Vexor has sent up to 38 million pounds of material in a year for waste-to-energy incineration. This process:**

- Saves over 8,255 barrels of fuel oil
- Generates over 4,650 megawatt hours (MWH), enough to power over 400 homes a year

**Environmental and economic benefits include:**

- Help fighting against global warming.  
Waste-to-energy reduces landfill methane gas emissions and preserves precious resources such as land, ground water and metal. One ton of trash produces one ton of CO<sub>2</sub>.
- Reduce dependence of fossil fuels.  
Waste-to-energy reduces dependence of fossil fuel by reliably generating clean renewable energy locally.
- Secure destruction of wastes.  
Reduces risk and liability.

**ACCEPTED PRODUCTS**

Solid and liquid non-hazardous materials are a perfect fit for waste-to-energy programs. Both types of materials are accepted in bulk and containerized material in drums and totes.

Typically accepted materials include:

- Pharmaceutical
- Manufacturing
- Commodity
- Industrial
- Remediation

**SOLUTIONS**

Using water-cooled furnaces, non-hazardous municipal and commercial solid wastes are combusted at greater than 2,000°F. Through this process, any waste is reduced to an ash – approximately 10% - 15% of its original volume. Waste-to-energy facilities have cutting edge monitoring devices and pollution control equipment, which meet and exceed the strict state and federal emissions standards.





**WANT TO  
LEARN MORE?**

Please call **330-721-9733** or visit  
**VexorTechnology.com** today to see  
if your waste can be converted into energy.

VexorTechnology.com

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