



WASTE-TO-ENERGY



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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 CO₂.
- 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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