Waste-to-Energy

- 90% reduction of trash volume
- Power generation
- Pollution control

[Diagram of a waste-to-energy facility showing the processes of trash storage, combustion, steam generation, pollution control, and electricity production.]

WATER VAPOR AND CLEANED FLUE GASSES

ASH CONVEYOR BELT

ASH TO LANDFILL

TIPPING HALL

TRASH STORAGE BUNKER

POLLUTION CONTROL SYSTEM

1. NITROGEN OXIDE REMOVAL SYSTEM
2. MERCURY & DIOXIN REMOVAL SYSTEM
3. ACID GAS REMOVAL SYSTEM
4. PARTICULATE REMOVAL SYSTEM
5. POLLUTION CONTROL TESTS

STEAM TURBINE GENERATOR

14 MEGAWATT ELECTRICITY

STEAM

FLUE GASES

WATER VAPOR AND CLEANED FLUE GASSES

ecoMAINE

www.ecomaine.org