

# ORC WASTE HEAT TO ELECTRICITY



Incineration Plant



Cement Clinker Cooler



Landfill Biogas Power Plant



Fossil Fuel Fired Plant



# You no longer need

water, high pressures to generate electricity from waste heat.

# We have a solution

Normally the Rankine cycle was used to generate energy. Thanks to the high molecular weights of organic fluids, generating electricity at lower pressure and temperature is now possible.

**Applicable over >250 °C and 500 kWt for all kind of Waste Heats**

## *High Efficiency*

Up to %25 Gross Efficiency

## *Connectable*

Multiple heat sources can harvest with thermal oil circuit

## *Long Life*

Organic medium is increasing the life of equipments

## *Easy Operation*

Fully automatic



12 Units GE Jenbacher 420 Engine  
10,595 kWt Heat Input  
2,34 MWe %22,1 Net Efficiency  
Istanbul

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