ORC systems for Industrial Waste Heat Recovery

ORC power plants are designed for utilizing Wasted Heat!

Hot Exhaust gas is a valuable Resource!

Convert the waste heat in Flue gas to POWER!

Talk to our Heat recovery Expert** for FREE assessment

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ORGANIC RANKINE CYCLE WITH RECUPERATOR - PROCESS FLOW DIAGRAM

Main System Features
- High efficiency (up to 24% net power)
- Modular systems 500 KW to 5000 KWe
- Fully automated SCADA controlled power plants
- Faster payback period and High ROI
- Quick installation (less than 6 months)
- Highly reliable
- Very Low auxiliary power consumption (<5%)
- Very Low O&M cost

Solutions available for Heat recovery from
- Steel Electric Arc Furnaces
- DRI Sponge iron Plants
- GTG Exhaust flue gas
- Steel Reheating Furnaces
- Cement kiln PH and Cooler Exhaust gases

This technology can generate power from waste heat in various industries like:
- Cement Industries
- Ferro Alloy Industries
- Glass Industries
- Steel Industries
- Petroleum Industries
- Power Generation Industries
- Any other industry where heat is wasted

Your guide to Waste to Power:
- Call / Email us and describe your existing process
- Fill in our data sheet for analyzing possible power generation with available waste heat
- Fix an appointment with us for a walk through study
- Choose within our various business models
- Project execution takes 6-9 months
- Generate Power from Waste heat!

WRITE TO US
info@firstesco.in