

5/13/2024

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# model-it250- organic-rankine- cycle-commercial- system-waste-heat- to energy

Infinity Turbine  
LLC

IT250 Waste Heat to Power System ORC



This webpage QR code

## Structured Data

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Company Name: Infinity Turbine LLC  
Product: IT250 System  
Working Fluid: Refrigerants such as R245fa  
Machine: ORC and ROT Radial Outflow Turbine System  
Industry: Energy  
Applications: Waste heat to power, utilities, server farms, bitcoin mining, hot geothermal

PDF Version of the webpage (first pages)

<https://infinityturbine.com/model-it250-organic-rankine-cycle-commercial-system-waste-heat-to-energy.html>

## IT250 250-300 kW Waste Heat to Energy System

The IT250 is designed to produce 250 kW net AC power (typically configured for a Grid-Tie connection). We have produced one IT250 system in the. They take about 6-12 months to complete, and can be shipped in a open top 20 ft. shipping container.

IT250 Revenue based on gross sales or savings, not including cost of acquiring waste heat flow or pumps.

Revenue from IT250 (24 hours x 365 days per year x 250 kWh = 2,190,000 kWh per year):

at \$.20 per kWh = \$438,000 USD per year

at \$.40 per kWh = \$876,000 USD per year

at \$.80 per kWh = \$1,752,000 USD per year

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## Induction or Synch Generator

Our induction AC generators require a grid tie device, which can be found on the link below from Sieb Meyer in Germany.







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