

17.5 MW New Wartsila Gas power Plant

with 2 x 20V34 SG generators

1. Location is Southern Russia

- All equipment were delivered by Wartsila Finland as written in our offer
- Total delivery will include 2 generating sets, 10 oversized parcels packed on 5 x 40-foot flat track container and 35 x 40" containers
- There is no warranty available and I think Wartsila do not sell any warranty on 2008 made machines. The best way is to buy an official condition inspection from Wartsila service.

This equipment was delivered by Wartsila in 2009 but it was NEVER installed. Location is Southern Russia. all equipment are intact and delivery is complete with installation & operation manuals, other documentation and spare parts.

Here is our short technical description of this power plant:

This complete power plant equipment including building steel structures were delivered by Wartsila in year 2009 and it is still in original shipment crates. This power plant has two Wartsila 20V34 SG natural gas engine driven generators with total gross electrical output 17.46 MWe at site condition (100 m elevation, temperature 20 C). The plant has a heat recovery system for hot water production and it has radiator cooling system for 100% of heat load. Power plant has advanced Wartsila control and supervision system with centralized Wartsila Operator's Interface System (WOIS). The engines are controlled with Wartsila Engine Control System (WECS)

Technical characteristics:

Manufactured in year:	2008
Power generation:	2 x 8 730 kW at 11 kV, 50 Hz
Hot water (90C) production:	2 x 6450 kW (from 70 to 90C)
Fuel:	Natural gas
Engines:	2 x W20V34SG, running at 750 rpm
Alternators:	2 x AKV 10913 kVA, 11 kV, 50 Hz, p.f. 0.8
Year of manufacturing:	2008
Operating hours:	ZERO
Original heat rate (at alt.)	8124 kJ/kWhe (44.5 %)
Plant own consumption:	389 kW
Cooling system:	Closed loop radiators

Delivery term:	FOB Black Sea Port, Russia
Payment term:	100 % Irrevocable, Transferrable and Confirmed LC of which 50 % payable against signed contract and 50 % against Bill of Lading
Other terms:	Will be sold As-Is condition, subject to prior sale without notice
Delivery time:	Two calendar months from acceptable LC
Validity:	30 days, subject to prior sale without notice