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1,802kW (2 each) GE JENBACHER Engine Generator Sets CHP Plant for Sale
50Hz. Natural Gas 1500rpm

This CHP is comprised of 2 each 1,802kW GE Jenbacher natural gas fueled engine generators, model JMX 61 GS-N.L and all the power plant co-gen ancillaries, including: water exchangers, circuit pumps, the three-way valves, two environmental silencers, a Clayton SPL steam boiler of 3.000 Kg. steam/hour at 8,5 bar, a Sulzer EWK 441/09/16 5,5 kW. cooling tower, a gas train, a management system, and manuals. See more details below.





Scope of Supply

Engine Details

Make: GE Jenbacher (Austria)

Model: JMS 616 GS-N.L.

Q'ty: 2.

Serial Numbers:

Unit 1: 2828491 / **Generator Set:** 2828501.

Unit 2: 2828492 / **Generator Set:** 2828502.

Fuel: Natural gas.

Output: 1.802 kW. (each)

Total running hours:

Unit 1: 38.840 hours.

Unit 2: 39.711 hours.

The next main overhaul is scheduled at 60.000 hours.

At intervals of 2.000-4.000 hours, the maintenance was kept by our engineering staff.

At intervals of 10.000-20.000 hours the maintenance was kept by the GE Jenbacher official service.

Condition: These generator sets never had any breakdowns.

Unit 1: the engine was stopped three years ago. Maintenance works have been done regularly. The generator was replaced in year 2008. The crankshaft is standard. The overall condition is excellent.

Unit 2: the engine was stopped three years ago. Maintenance works have been done regularly. The crankshaft is standard. The overall condition is excellent.

Generator Details

Make: Newage/Stamford. (England)

Type: LVSI814C2.

Q'ty: 2.

Year of manufacture:

Unit 1: 2004.

Unit 2: 1998.

Output: 1.746 KVA (each).

Tension: 690/400 V. Three-phase 4 Wires.

Power Factor: 1.0

Service type: Continuous.

Intensity: 1.462 Amp.

Environmental temperature: 40° C.

Protection class: IP23.

Regulator Type: MA325.

Condition:

Unit 1: the generator is brand new.

Unit 2: the generator has been running 39.711 hours. It is in perfect working condition.



FABRICACION NUM	COB50218/01	NEWAGE
IDENTIFICACION NUM	98853716	
GENERADOR TIPO	LVSTB14C2	NEWAGE ENGINEERS GMBH ROTENBRUCKENWEG 14 D-22113 HAMBURG GERMANY
POT TIPO ISO W KW	-	MADE IN ENGLAND 05/798
ATSLAMIENTO CLASE	H	ADVERTENCIA
POT CONTINUA KVA	1746	ANTES DE REALIZAR PRUEBAS DE FLASH O MEDIR CONSULTAR EL MANUAL DE FUNCIONAMIENTO
POT ACTIVA KW	1746	BS 5000 PART 3 IEC 34-1
AUMENTO TEMP CLASE	F	NEMA MG 1-20 ISO 8528-3
FRECUENCIA HZ	50	STAMFORD
VELOCIDAD RPM	1500	
TENSION V	650/400	www.stamford.com
FRASES	3	
INTENSIDAD A	1452	
FACTOR DE POTENCIA	1.0	
CLASE DE SERVICIO	CONTINUO	
TENSION EXCIT V	67	
CORTE EXCIT A	3.5	
TEMP AMBIENTE C	40	
PROTECCION CLASE	IP23	
BOB ESTADOR NUM	65	
CONEXION ESTADOR	ESTRELLA	
REGULADOR TIPO	MR325	



The Gas Train

A complete gas train (for each set), including the following:

- Filter.
- Electro-valve.
- Medenus Gas-Druckregeltechnik (Germany) Low circuit Regulator.
- High circuit Regulator.
- The security locking system.



The Management System

Dia.Ne Control Panel with Win NT system. (including the original software and certificates)

2x Generator Set Panels (Breaker Circuit).

2x Engine Panels (PLC).

1x Auxiliary panel (for managing all the cogeneration system ancillaries)

1x Automatic connection to the power grid.

We would include the auxiliary panel and the automatic connection panel in case that the buyer purchases the two gensets at the same time.



The handbooks

- Manoeuvre-Description J616 series handbook.
- Maintenance handbook.
- Spare Parts List handbook.

Availability/Delivery: currently in stock at our warehouse. Immediately. **Complete Genset Price FOB Spain**

There is also available all the power plant co-gen ancillaries.

- The complete co-generation system with water-water exchangers, the circuit pumps, the three-way valves.
- Two environmental silencers.
- A Clayton SPL steam boiler of 3.000 Kg. steam/hour at 8,5 bar.
- A Sulzer EWK 441/09/16 5,5 kW. cooling tower.

(*). All items are in stock unless being sold.



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