POWER PLANTS
OIL REFINERIES
SALE & RELOCATION

LOHRMANN INTERNATIONAL

P.O.Box 130571
20105 Hamburg/Germany
Tel. +49 40 33441944
Fax +49 40 33441945
www.lohrmann.com
info@lohrmann.com

For Sale:	51 MW (7 x 7.3 MW) HFO fired Diesel generator plant
Ref.-No:	DG-32.05B

Brief plant history:

This 51 MW power plant is a part of 2 x 51 MW (total 102 MW) power plant complex. It was commissioned in April 2005 and is scheduled to be shut down by end of March 2015 due to expiry of power purchase agreement (PPA). This plant has been maintained according to OEM guidelines (every 1,000, 2,000 4,000 and 8,000 hrs) and is in excellent condition. After the final shut down in 2015, the Diesel generators will be due for maintenance based on the actual cumulative hours and the above OEM maintenance schedule.

Basic operation data:

Cumulative running hours	approx. 54,000-58,000 (by middle of November 2013) approx. 63,000-67,000 (estimation by March 2015) Note: approx. equal for all generators
Fuel consumption (DIN/ISO3046/1)	177 g/kWh at 100% output
Fuel consumption at site	194.2 g/kWh at 100 % output at generator terminals (36°C, 150m altitude, 80% r. hum.)

Description of major plant components:

Engine (7 units)

Manufacturer	Caterpillar
Power output	7.3 MW (Diesel generator)
Technical data	750 RPM, 16 cylinders, direct injection
Fuel	HFO (Viscosity up to 700 cSt @ 50°C) & Diesel oil

Generator (7 units)

Manufacturer	AVK
Parameters	11000 V, 9215 kVA, 50 Hz

Price: on request

Further information on request

Important Disclaimer
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