

P.O.Box 130571
20105 Hamburg/Germany

Tel. +49 40 33441944
Fax +49 40 33441945

www.lohrmann.com
info@lohrmann.com

For Sale:	Pre-owned 2 x 90 MW Gas Turbine Generators (GE Frame 9)
Ref.-No:	GT-414

Brief plant history:

The two GT packages have been under LTSA (Long Term Service Agreement) and are in good condition. During the last years, the GTs were in stand-by operation. Due to local restrictions the plants were not allowed to produce more than 110 MVA equal appr. 93.5 MWel. at Power factor 0.85. This explains the limitation to appr. 90 MW each unit. They are available for immediate sale and relocation.

Summary of the basic information/data:

Gasturbine package no.:	GTG 1 (1997)	GTG 2 (1996)
Model	GE PG9161E	GE PG9171E
Fuel	natural gas	natural gas
Design output	123.4 MW (shaft)	123.4 MW (shaft)
Design Heat Rate (LHV)	10,660 kJ/kWh	10,660 kJ/kWh
NOx reduction	steam injection	steam injection
Emissions: NOx	78 mg/Nm ³	78 mg/Nm ³
CO	5 mg/Nm ³	5 mg/Nm ³
Commissioning year	1997	1996
Shut down since	2013	2013
Operating hours	105,000 hrs	119,000 hrs
Latest inspections	2005: Major Insp. 42.335 hrs since then 2008: HGPI 16.718 hrs since then	2004: Major Insp. 55.621 hrs since then 2008: HGPI 25.340 hrs since then
Generator data (reduced output)	110 MVA / 11.5 kV 50Hz – PF 0.85	110 MVA / 11.5 kV 50 Hz – PF 0.85
Step-up transformer	110 MVA / 132 kV	110 MVA / 132 kV



Important Disclaimer

Although the statements and technical information contained herein are believed to be materially accurate as of the date hereof, no representation or warranty is given as to the accuracy of any of the information provided. This document contains confidential information intended only for the use of the addressee. If you are not the intended recipient of this information then you are hereby notified that any use, dissemination, distribution or reproduction of this message is prohibited.