

## 180 MW 50 Hz CCGP (natural gas)



### 1. General

The offered combined cycle plant is located in Southern Europe and is, due to changed power demand, for sale. The plant was built in 1999 and is still in good condition as regularly serviced by the OEM. The entire plant equipment is for sale and ready for relocation.

The plant is:

- In good condition
- well maintained (by OEM's)
- completely equipped for fast installation

### 2. Scope of Supply

The entire existing mechanical and electrical equipment of the combined cycle plant is part of the delivery incl auxiliaries. Building structure, overhead crane, etc are not part of the delivery but negotiable with owner.

- Gas turbines, generators and main gear
- All associated mech auxiliaries
- Steam turbine generator and auxiliaries
- Heat recovery steam generators, feed water system and auxiliaries
- Control instrumentation system
- All associated electrical auxiliaries, e.g. motors, MCC's, batteries, etc.
- Interconnecting piping, valves, hangers
- Electrical LV and MV switchgears
- Technical documentation as it is available

### 3. Performance Data

- |                   |                 |
|-------------------|-----------------|
| ○ Rated output GT | 55 MWe          |
| ○ Efficiency GT   | 35 %            |
| ○ Fuel            | natural gas     |
| ○ Reduction gear  | 5'434/3'000 rpm |
| ○ Steam turbine   | 50 MW           |

- |                         |                 |
|-------------------------|-----------------|
| ○ Generators            | 11.5 kV, 70 MVA |
| ○ Frequency, cos $\phi$ | 50 Hz, 0.85     |

### 4. Operational and Historical Data

- |                       |                  |
|-----------------------|------------------|
| ○ Construction        | 1999             |
| ○ Commissioned        | 2000             |
| ○ Operating hours GT1 | 111'000 (Apr 15) |
| ○ Operating hours GT2 | 113'000 (Apr 15) |
| ○ Overhauled GT1      | 2010, 90'800 hrs |
| ○ Overhauled GT2      | 2012, 99'800 hrs |
- OEM is ready to support should other fuels being used, e.g. light oil.

### 5. Manufacturers

- |                 |                 |
|-----------------|-----------------|
| ○ Gas turbines  | Ansaldo Energia |
| ○ Steam turbine | Ansaldo Energia |
| ○ Generators    | Ansaldo Energia |
| ○ Boilers       | Foster Wheeler  |

### 6. Asking Price

The price basis is 12 MEUR òas it is, where it is".

Intecteam JV is an innovative company, experienced in project development and power plant engineering and ready to provide the services to implement the project according to your needs (incl engineering, planning as well as dismantling, packing, transport, installation and commissioning) based on terms to be agreed upon separately.

Please note that all equipment offered is subject to prior sales and at conditions 'as it is and where it is'. Location will be released and inspections can be done after submission of LOI and BCL. Price negotiations solely with buyers having proven funds.

**Contact:****Intectem JV**

Anemonenweg 9  
D-97084 Würzburg

Office 1

Phone.:+49 (0) 931 - 35990861

Fax: +49 (0) 931 - 35990862

**IMPORTANT DISCLAIMER:**

Although the statements and technical information contained herein are believed to be materially accurate the date hereof, no representation or warranty is given as to the accuracy of any of the information provided. Certain information contained herein is based on information from sources considered to be reliable. The information referred to herein is subject to change. PetroTec and their affiliates and only of their officers, employees, agents and professional advisors, expressly disclaims any and all liability as to reliance on such information; NO WARRANTY OF FITNESS FOR ANY PARTICULAR PURPOSE, WARRANTY OF MERCHANTABILITY OR ANY OTHER WARRANTY, EXPRESSED OR IMPLIED, IS MADE CONCERNING THE GOODS DESCRIBED OR THE INFORMATION PROVIDED HEREIN. This Information has been provided to you for information only and may not be taken as an offer or solicitation in any jurisdiction, including those in which such an offer or solution is not authorized or any persons to whom it is unlawful to make such a solution or offer.

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. If you have received this communication in error, please contact the sender immediately and delete this material in its exhibits.

**Thank you !**