

AMATA B. GRIMM POWER RAYONG 3 CCCP PROJECT: RAYONG, THAILAND

COMBINED CYCLE

LOCATION: CHONBURI, THAILAND

CUSTOMER: TOSHIBA PLANT SERVICES & SYSTEMS

END USER: AMATA B. GRIMM POWER



PROJECT OVERVIEW

Gas Turbine

- Supplier: Siemens
- Type: SGT-800
- Main Fuel: Natural Gas

HRSG

- No. of Units: 2
- Cycle Description: 2x2 Cogeneration
- Design: Single Wide MSG
- Pressure Levels: 2 HP, LP

Auxiliary Components Provided by Vogt Power International

- Diverter Damper and Bypass Stack
- Attemperators – Interstage with 527°C Set Point
- Deaerator and External Heat Exchanger
- Blowdown Tank

	ENGLISH	METRIC
Unfired		
HP steam flow	71 tons/hr	64.4 mtons/hr
HP steam pressure	1137.1 psi	78.4 bara
HP steam temp	953.6°F	512°C
LP steam flow	12.9 tons/hr	11.7 mtons/hr
LP steam pressure	129.1 psi	8.9 bara
LP steam temp	474.8°F	246°C

