



SUCCESS STORIES

BANGPA-IN COGENERATION PLANT 1 (BIC1)

COMBINED CYCLE

LOCATION PRA NAKORN SI AYUDHAYA, THAILAND
CUSTOMER THAI SHINYRO CORPORATION
END USER C.H. KARNCHANG PUBLIC CO. LTD.
YEAR 2011

PROJECT OVERVIEW

Gas Turbine

- + Type: GE LM6000 Sprint
- + Main Fuel: Natural Gas

HRS

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

Auxiliary Components provided by VPI

- + Attemperators - Interstage with 430°C Set Point
- + Recirculation System
- + Blowdown Tank



	ENGLISH	METRIC
Lowfired		
HP Steam Flow	47.6 tons/hr	43.2 mtons/hr
HP Steam Pressure	754.2 psi	52.0 bara
HP Steam Temp	806°F	430°C
LP Steam Flow	15.7 tons/hr	14.2 mtons/hr
LP Steam Pressure	79.8 psi	5.5 bara
LP Steam Temp	505.4°F	263°C

