



NEWS RELEASE

TUAS POWER PARTNERS GAS SUPPLY PTE LTD TO INTRODUCE TRIGENERATION TECHNOLOGY IN SINGAPORE

SINGAPORE, 11 September 2006 – Tuas Power Ltd and Gas Supply Pte Ltd (GSPL) recently entered into a Joint Venture (JV) to form TPGS Green Energy Pte Ltd (TPGS). The new company will introduce the energy-efficient and environment-friendly trigeneration technology in Singapore.

Leveraging on the expertise of both companies in the power and gas industries, TPGS will develop cogeneration and trigeneration facilities that deliver cost-effective, energy-efficient and environment-friendly solutions to businesses with high energy consumption.

Unlike conventional systems which convert part of the fuel energy into electricity while the rest is lost in the form of heat, a trigeneration system can produce three types of utilities – electricity, steam and chilled water from a single integrated system. This combination enhances energy efficiency by more than 20% and results in reduced costs. In a trigeneration system, the “waste heat” produced from electricity generation is harnessed to generate steam, which is also channelled to steam absorption chillers to produce chilled water.

More significantly, trigeneration’s reduced rate of emission as compared to conventional electricity generation bodes well for companies seeking to enhance their environment-friendly operations.

Tuas Power Partners GSPL To Introduce Trigeneration Technology in Singapore

Mr Lim Kong Puay, Chief Executive Officer, Tuas Power Ltd, said: “The introduction of trigeneration marks a key milestone in the local utility industry. With volatile fuel costs and rising global demand for energy, new energy-efficient technologies such as cogeneration and trigeneration are opportune solutions that help businesses reduce operational costs and enhance their competitiveness. By utilising clean fuel such as natural gas and channelling waste heat for effective use, trigeneration also caters to the growing worldwide concern on issues pertaining to environmental protection and conservation.”

Elaborating on the key objectives of the JV, Mr Lim said: “We hope to raise awareness on the benefits of trigeneration to industry users and lead the way for the development and widespread use of such energy-saving, and environment-friendly technologies in Singapore.”

Highlighting the advantages TPGS can bring to customers, Mr Tan Chin Tung, Chief Executive Officer of GSPL, said: “Customers can benefit from having natural gas piped directly to their premises. Besides producing electrical power, steam and chilled water at high efficiency, they will be able to enjoy the advantages of using natural gas for process heating; emissions are lower and heater efficiencies are higher. This is a growing trend we see in the market which will contribute to Singapore’s competitiveness as well as a cleaner environment.”

The JV will embark on its first major project to develop and build a new trigeneration facility for Pfizer Asia Pacific Pte Ltd. The company will be the first in Singapore to use the newly-launched technology under a deregulated energy market. In addition, TPGS will work closely with its existing and potential clients to reap the benefits of switching from conventional power systems to cogeneration or trigeneration technologies for all their energy needs.

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About TPGS Green Energy Pte Ltd

TPGS Green Energy, a 75-25 joint venture between Tuas Power Ltd and Gas Supply Pte Ltd, was incorporated in August 2006 to promote environment-friendly cogeneration and trigeneration technologies in Singapore. Drawing on their expertise in the power and gas industries, TPGS Green Energy offers a synergistic approach to utility provision, asset management support and other related services for its clients.

About Tuas Power Ltd

A subsidiary of Temasek Holdings, Tuas Power owns generation assets totalling 2,670 MW. The Company contributes to 25 per cent of Singapore's electricity consumption, utilising the environment-friendly natural gas for its power generation.

Tuas Power's retail subsidiary, Tuas Power Supply Pte Ltd, is a trusted and reliable energy solutions provider offering complete electricity solutions to businesses across all the major industries in Singapore.

About Gas Supply Pte Ltd (GSPL)

Gas Supply Pte Ltd (GSPL) is the major importer and supplier of natural gas in Singapore. It is the only importer supplying natural gas to all three major power generating companies. A wholly owned subsidiary of Temasek Holdings, GSPL started the importation of natural gas from South Sumatra in September 2003 when then Prime Minister Mr Goh Chok Tong and Indonesian President Megawati Sukarnoputri inaugurated the 470 km overland and submarine pipeline from the Asamera field in Sumatra to Jurong Island. It has since supplied natural gas without interruption and continued to expand its natural gas business with significant market share in the pharmaceutical and process industries.

For further information, please contact:

Ms Safina Samian
Senior Corporate Communications Executive
Tuas Power Ltd
DID: 6838-6750
Mobile: 9761-1336
Email: safina@tuaspower.com.sg
www.tuaspower.com.sg

Ms Leong Chee Wei
Legal Counsel
Gas Supply Pte Ltd
DID: 6739-8206
Fax: 6737-8769
Email: cheewei@gassupply.com.sg

TYPICAL TRI-GENERATION SYSTEM

