

## Elster and PTOCI “boosting” gas metering in Sumatra

# PT One-Connect Indonesia wins contract for Jabung Gas Booster Station

The Jabung Gas Booster Station is part of the Jabung PetroChina PSC, located in the Tanjung Jabung Regency in the Betara district, in the Jambi province in Sumatra. The Jambi province is bordered by the Riau province to the north, the Berhala Strait to the east, the South Sumatra province to the south and the West Sumatra province to the west. The closest major city is Jambi.

The aim of the Jabung Gas Booster Station is to meet the demand for increased compression capacity needed to enable the Grissik-Singapore gas pipeline system to achieve the increased throughput requirements at Batam and Gas Supply Private Limited, Singapore, whilst maintaining the minimum pressure required under the Gas Transportation Agreement, as well as satisfying the flow forecast of the Gas Sales Agreement.

MMC Oil & Gas Engineering Sdn Bhd, an engineering company from Malaysia, has been awarded the engineering, procurement, construction and commissioning (EPC) contract for the Jabung Gas Booster Station Project. Our Indonesia agent, PT One-Connect Indonesia (PTOCI), with engineering support from Elster-Instromet Sdn Bhd, secured the contract to supply the fuel gas fiscal metering system for the Jabung Gas Booster Station Project.



Indonesian and Malaysian colleagues observe metering panel testing

The Grissik-Singapore gas pipeline system is operated by PT Transportasi Gas Indonesia (TGI) through a 28 inch pipeline network from Grissik Gas Block and other associated suppliers like PetroChina and ConocoPhillips to Batam, to Pemping metering station and eventually to customers in Singapore. TGI is an international joint venture formed between the national gas company PT Perusahaan Gas Negara (PGN) and other international companies, including ConocoPhillips, Talisman, Petronas Malaysia and Singapore Petroleum Company under the Transasia Agreement.

Supplying fuel gas to the turbo compressors and power gas to the gas generators, the fuel gas fiscal metering system consists of dual stream (2x100%) metering runs, complete with Elster-Instromet's Q.Sonic-4C ultrasonic meters, FC2000 flow computers and EnCal3000 gas chromatograph. The ultrasonic meters are mounted on a skid, together with an analyser shelter which houses the gas chromatograph and other sampling equipment. A metering panel containing the flow computers is located in the central control room.



Testing and commissioning at Elster-Instromet Sdn Bhd, Kuala Lumpur

The fuel gas fiscal metering system is scheduled to be completed in September 2008. The ultrasonic meters were calibrated in April 2008 in Essen, Belgium, and on the Pigsar test rig in Germany. Testing and commissioning of the metering panel was conducted at the end of July at Elster-Instromet Sdn Bhd's staging area in Kuala Lumpur, Malaysia, witnessed by representatives from PTOCI, MMC, TGI and the Indonesian legislative bodies MIGAS and the Department of Metrology (see figures).

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