

Application Note

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Fuel Gas Metering

APPLICATION: *Fuel Gas Metering for Turbines used in Power Generation*



Overall Installation



Close-up of FloBoss 103

CUSTOMER

Large electric power producer located in Indonesia.

DESCRIPTION

The customer uses gas turbines to generate electricity. Fuel gas to the turbines is metered and checked against the sales metering system of the gas supplier.

EQUIPMENT

- FloBoss™ 103 with solar panel, dual-variable sensor, and LCD.
- Simplex orifice fitting
- Straightening vanes (in-line type)

BENEFITS

- The FloBoss 103 provides a simple, easy-to-install and accurate means of verifying turbine gas consumption.
- The FloBoss103 is an extremely low maintenance device requiring only periodic sensor calibration.
- No external power is required because each FloBoss 103 uses a solar panel and built-in battery backup.
- Data can be collected at the control room using ROCLINK Configuration Software installed in the host PC. Communication is through an RS-232 link.

Information submitted by Emerson Process Management, Singapore.

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