

# ROVSING Dynamics receives first order in the Middle East from TAPCO

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ROVSING Dynamics received in December 2005 an order from Taweelah Asia Power Company (TAPCO) for the Al Taweelah B plant in the United Arab Emirates. The order marks the first installation to be commenced in the Middle East.

The project company, Taweelah Asia Power Company (TAPCO) is owned 60% by Abu Dhabi Water & Electricity Authority (ADWEA) and 40% by an international consortium comprised of Marubeni Corporation and JGC Corporation of Japan, BTU Power Company of the USA and Powertek of Malaysia.

TAPCO took over effective ownership and operations of the existing Taweelah B plant, a 1070 MW and 92 MIGD (17 000 m<sup>3</sup>/h) power and water plant. The consortium will proceed to rehabilitate the plant, increasing power and water capacity, and to construct, own and operate a new 1,000 MW and 60 MIGD combined power plant, bringing the total capacity of the Taweelah B plant to approximately 2,000 MW and 160 MIGD.



## Changing to Condition Based Monitoring

With the OPENpredictor™ installation, the operator of the plant, Asia Gulf Power Services (AGPS) will know the actual condition of the 18 critical brine recirculation pumps comprising the nine desalination units. By receiving automated warnings when faults are detected and prediction of the lead time to inspection, AGPS will get a powerful tool for overhaul planning. This will enable AGPS to timely focus on the machines that need maintenance.

OPENpredictor™ will be installed to perform online monitoring of the nine desalination units and offline monitoring of auxiliary pumps and fans and is expected to be fully operational by the spring of 2006.



## Important milestone

An excited managing director, Ms. Thea Larsen says:

“The order with TAPCO is of high importance to both the customer and ROVSING Dynamics. TAPCO will have a state-of-the-art Condition and Performance Monitoring System, OPENpredictor™, installed to replace its existing offline monitoring system.

For ROVSING Dynamics, it proves that the cooperation between us and Marubeni Corp. is going into the next stage. The Al Taweelah B plant is highly recognized in the region and we have here an excellent reference installation. Because of this, we will have a solid springboard for our further marketing activities in the Middle East”.