

# EXPERT TEAM EVALUATES OPENpredictor™

**DYNAMICnews**

Rovsing Dynamics • May 2007

EMOL, our distributor for the Chinese power generation industry, and the Electrical Science Research Academy of Guangdong had in February invited a number of professors and experts from regional universities and institutes to evaluate the OPENpredictor™ technology.



*The Chinese experts witnessed OPENpredictor™ in operation at the Meixian Power plant as part of their evaluation*

The appraisal seminar was hosted by the Meixian Power Plant in the Guangdong province, the first to install OPENpredictor™ in China. Here, a plant engineer demonstrated to the experts how the system is used for online condition monitoring of a steam turbine generator.

With insight into the practical usage of the system, the expert team was presented with the scientific principles, mathematical models and analysis tools behind the condition monitoring technology and its patented automatic fault detection (AutoDiagnosis™). To

illustrate this, Rovsing Dynamics' Technical Director Ole Doessing used live data from the system at the Meixian Power Plant.

After having summarized the evaluation, the Chinese Expert Team deems that "the OPENpredictor™ Fault

Monitoring and Predicting System' possesses Fault Analysis, Identification & Prediction functions as well as a timely self-diagnostics function. OPENpredictor™ is an advanced, scientific & technical means/tool for many establishments, and is also a gist to realize Condition Monitoring Based Maintenance. All in all, OPENpredictor™ is an advanced system in the world marketing place, deserved to be adopted by our domestic establishments."

## CONDITION BASED MAINTENANCE SEMINAR IN ABU DHABI

On February 5, Rovsing Dynamics hosted a seminar in Abu Dhabi in the United Arab Emirates together with our local representative, Nama Development.

The purpose of the seminar was to share OPENpredictor™ case studies and prove the value of the system to operations and maintenance managers from the oil & gas and the water & power industries in the region.

### On- & offline monitoring at the al Taweelah desalination & power plant

Guest speaker at the seminar was Mr. Tom Samson, Executive Managing Director of Taweelah Asia Power Company (TAPCO).

They use OPENpredictor™ as a predictive maintenance information system to monitor critical recirculation pumps and fans at the al Taweelah desalination and power plant located between Abu Dhabi and Dubai. Mr. Samson explained how the system is used to assist the plant's condition based maintenance strategy.



### OPENpredictor™ in the oil & gas industry

The seminar also included a presentation on how OPENpredictor™ on-line condition, performance and reliability monitoring of gas turbines and compressors on gas compression stations has significantly improved the reliability and availability of

oil and gas production. The fact that the investment in OPENpredictor™ typically pays back itself within less than one year, proves the value of this proactive approach.

If you would like to know more about condition monitoring, please contact Mr. Lennart Nejstgaard re. power & desalination, and Mr. Henk Smith re. oil & gas applications.

*TAPCO's Executive managing Director Tom Samson was guest speaker at the seminar "Benefits of Condition Based Maintenance".*