



IEEE Power Engineering Society / Power Electronics Society WA Chapter

Jointly held with the Joint Electrical Technical Programme (JETP)

Technical Meeting Plant Asset Management (PAM) System

Warren Rigelsford

Matrikon Pty Ltd

Date: [Wednesday, 10th May 2006](#)

Time: 5:30 pm sharp

Venue: [Engineers Australia Auditorium](#)
712 Murray Street, WEST PERTH

Admission: Free and RSVP by 8th May, non-members are welcome!

RSVP/Enquires to: Vi Nguyen, Email <vi.nguyen@ieee.org>

ABSTRACT:

Meridian Energy Limited, New Zealand's largest Electricity Generator, implemented a Plant Asset Management (PAM) system that allows Meridian to more effectively manage their assets - with phase 1 being based on transformer asset management. PAM is a predictive maintenance package, which intercepts and processes data derived from condition monitoring of major equipment on the power system. PAM collates and summarizes data in such a way that the condition of the assets becomes clear to the user through visualization concepts. The visualization concepts focus attention on assets at greatest risk. PAM applies rigor to condition monitoring data & presents predictive maintenance information to users in such a way that impending problems are not hidden in volumes of maintenance data.

Warren Rigelsford, Director of Matrikon Pty Ltd, will discuss how Matrikon worked closely with Meridian Energy to design, develop and implement the Plant Asset Management (PAM) System.

SPEAKER:



Warren is a practising professional engineer and an executive manager with Matrikon Pty Ltd (a 100% owned subsidiary of Matrikon Inc., Canada). He has more than 21 years experience in maintenance, operations and projects in the power and mining industries within Australia. Warren has a Bachelor of Engineering (Electrical) degree (with honours) from the University of Technology (Sydney), a Master of Business Administration (Technology Management) from Deakin University (Melbourne) and is a Fellow of the Institution of Engineers, Australia.

After commencing his career in the public sector with Pacific Power (formerly Electricity Commission of NSW) where he worked in Generation, Projects and Transmission, Warren has worked for more than 12 years as a consultant and senior manager in the private sector. His engineering, managerial and organisational experience has led Warren into diverse projects involving commercial contract management, project management and human resource management. He has held senior management positions including operations manager, general manager and his current role as director at Matrikon. He currently manages sales and marketing and remote offices for the Australian operations of Matrikon (the remotes include Brisbane, Gladstone, Melbourne, Perth and Hamilton, New Zealand).