



The Knowledge Network

Institution of Engineering and Technology
Auckland Local Network

Technical Lecture



meridian

DEVELOPMENTS IN WIND POWER

by Ray Brown, Transmission Manager, Meridian Energy Ltd.

Thursday 24 July 2008

Ray will provide an overview of Meridian Energy's three New Zealand wind farms, show how wind technology is rapidly changing and discuss potential future developments. Updates will be given on wind farm technology, and power system integration and the associated challenges that presents, particularly in compliance with the electricity governance regulations, power quality, etc. Ray will also provide key points he learnt from this year's European Wind Energy Conference.

Please join us for refreshments and a get together before the presentation. Feel free to spread the word to your colleagues and friends.

Time: 6.00pm – 6.30pm Refreshments
6.30pm – 7.30pm Presentation

Venue: Room 3.407, School of Engineering
20 Symonds Street, Auckland University

RSVP: Please register to assist with catering and ensure we have enough seats for the presentation. E-mail askchan@theiet.org by Tuesday 22 July 2008.

Biography



Ray Brown (BE (Hons) MIPENZ IntPE CPEng), is a Mainland kiwi having been born in the province of the mighty Crusaders. He is currently the Transmission Manager for Meridian's Growth and Development Directorate. Ray has over 25 years experience in the power industry. He has been a key player in the integration of many of New Zealand's major power system components into the New Zealand power system. These include the 1992 HVDC Hybrid Link Upgrade, the Islington SVC, the Otahuhu B combined cycle gas turbine development, the Manapouri hydro power station upgrade project, and Meridian's wind farm developments as well as a myriad of development proposals and smaller project implementations.

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