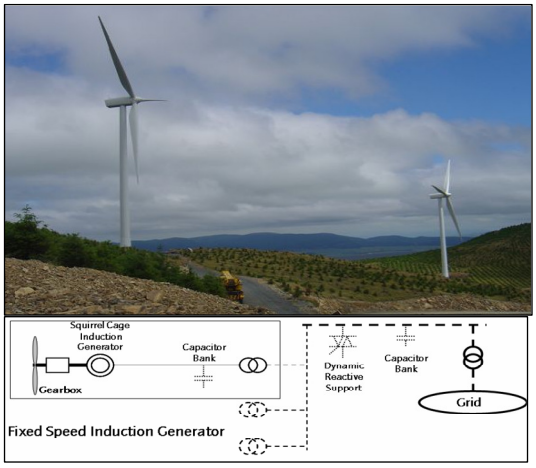
IPENZ Engineers New Zealand **Canterbury Branch**

PRESENTATION REMINDER

Wind Power, Challenges of the Developing Technology

IPENZ Canterbury Branch event in association with CIGRÉ



Speaker: Ray Brown – Transmission Manager, Meridian Energy Ltd

Date: Wednesday 7 May 2008

Time: 5.30pm Gather in **E5**
5.45pm Presentations begin
Followed by Drinks and Pizza

Venue: University of Canterbury
School of Engineering
Lecture Theatre **E5**

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. He will give an update on wind farm technology, and their integration into the power system with its associated challenges, particularly in complying with the electricity governance regulations, and power quality. Ray will also discuss some key points he learnt from attending this years (2008) European Wind Energy Conference in Brussels.

Ray is currently a senior member of Meridian's Growth and Development Directorate. Ray has 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 Cook Strait Cable 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. He has also helped development proposals for a myriad of smaller power projects.

Ray is an Electrical Engineer, MIPENZ, CPEng and a member of the CIGRE NZ National Committee

Bring along a buddy!

The Canterbury Branch committee would like to encourage Branch Members to invite their engineering colleagues and friends to our B&P presentation evenings. These are an opportunity for members to hear about Engineering projects from those working at the coal face and also to network across all Engineering streams. For non-members, these are an opportunity to learn more about IPENZ and the benefits that membership may bring to their future careers.