UNSW – The University of New South Wales

Postdoctoral Research Fellow
AUSTRALIAN GRADUATE SCHOOL OF MANAGEMENT
&
SCHOOL OF ELECTRICAL ENGINEERING AND TELECOMMUNICATIONS

REF. 2615

FIXED TERM: - Salary: $53,714 - $57,438 per year (plus up to 17% employer superannuation plus leave loading.) This salary includes a superable UNSW academic loading of $3,000 per annum payable to all academic staff (pro rata for fractional academic staff).

Understanding participant behaviour in wholesale electricity markets
The aim of this ARC funded research project is to achieve a better understanding of the operation of electricity markets, through advancing our understanding of how the physical power system, the industry structure, the market mechanisms (including both spot and derivatives markets) and the behaviour of the market participants jointly determine the overall system outcomes. A particular focus of the research is on competition within the electricity industry. We want to understand the ways in which market structure influences participant behaviour and, in particular, the circumstances that lead to non-competitive outcomes.
This interdisciplinary work is being jointly undertaken by the AGSM and School of Electrical Engineering and Telecommunications. The successful applicant for the postdoctoral research fellowship will work on aspects of this project depending on their skills and interest.

Essential criteria: doctoral degree in mathematics, physics, engineering, economics or computer science; a knowledge of OHS responsibilities and commitment to attending relevant OHS training; an understanding of equity and diversity principles.

Desirable criteria: demonstrated strengths in both theoretical analysis and computational modelling, an understanding of the electricity industry and a proven capacity to undertake industry liaison will all be highly regarded.

This is a fixed term position for a period of three years.

Enquiries may be directed to Professor E.J. Anderson, Australian Graduate School of Management, telephone (02) 9931 9320, email: eddiea@agsm.unsw.edu.au, or Associate Professor H R Outhred, School of Electrical Engineering and Telecommunications, telephone (02) 9385 4035, email h.outhred@unsw.edu.au or Dr I.F. MacGill, School of Electrical Engineering and Telecommunications, telephone (02) 9385 4920, email i.macgill@unsw.edu.au

Applications close 16 February 2004.

APPLICATION PROCEDURE
Applicants must include a completed UNSW application form, resume and application letter, addressing the selection criteria, QUOTING REF NUMBER and details of 2 referees, (where requested, copies of academic transcripts and qualifications should be included). Applications may be submitted by email: jobapplications@unsw.edu.au, facsimile: (02) 9662 2832 or post to: Recruitment, Human Resources, UNSW Sydney 2052 by the application close date. On-line/email applications are encouraged and will receive confirmation of receipt.

http://www.hr.unsw.edu.au/employment.htm