

KEY PERSONNEL



Name: Daniel Thompson

Position: Renewable Energy Engineer
Verve Energy
Project Manager
Diesel & Wind Systems

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Qualifications: Bachelor of Electrical (Power) Engineering, Curtin University of Technology. Graduated with Honours in 1999. Thesis title "Analysis of a Solar/Mains/Diesel Hybrid System".

Professional Expertise: Project development and management, concept design and technical evaluation, budgeting, project business cases, feasibility studies, project approvals, environmental management, technical specification and contract management, electrical interconnection design, stakeholder management, wind farm design.

Professional Interests: Renewable energy policy, energy reform, renewable energy systems as a grid support mechanism, wind farm aesthetics and their impact on society, economics of renewable projects, electricity system automation, renewable energy industry development.

Current responsibilities: Responsible for the project management of the \$3M high penetration Hopetoun wind/diesel system. Also currently providing consultancy services for a \$3.5M wind/diesel system for an external client. Provides specialist engineering input into renewable energy projects relating to electrical design, interconnection design and feasibility, site selection and project concept and budgeting evaluation. Prepares conceptual design and technical documentation of projects for D&WS's external client base.

Career highlights: In the pre April 2006 Western Power business:- Power Project management of two significant renewable energy projects including the high penetration Hopetoun wind/diesel system and the Exmouth Advanced Mini Wind Farm. Project managed the fault indicator optimisation process involving 750 fault indicators throughout the metropolitan area, developed reliability and quality of supply solutions for the country distribution system including the installation and commissioning of field reclosers, voltage regulators, capacitor banks and reactors.

Awards: Received an undergraduate engineering award for best presentation of the final year thesis, 1999. Received a Recognition of Outstanding Achievement Award from Western Power Corporation in 2000.

Member Institutes: Chartered Professional Engineer (CPEng), Member of the Institution of Engineers, Australia. Affiliated with the Electrical Engineering College, Listed on the National Professional Engineers Register (NPER3).

Other: Current senior first aid certificate.

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