

KEY PERSONNEL



Name: Paul Ebert
Position: Manager Renewable Projects
Verve Energy
Manager
Diesel & Wind Systems
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Qualifications: Mechanical Engineering Degree.
Graduated with Honours Class 1 in 1992.
Ph.D (by research thesis) graduated April 1996.
Thesis title "Aspects of the Aerodynamics of Horizontal Axis Wind Turbines"
under the general heading of "Greenhouse and Energy".

Professional Expertise: Project and team management, business development and management, project business cases, feasibility studies, project approvals, project environmental management, mechanical design, stakeholder management, wind turbine aerodynamics, wind farm design, wind farm yield estimations, wind resource monitoring.

Professional Interests: Energy sector, energy policy, the environmental and societal consequences of energy use especially issues of sustainability. Large scale commercial application of renewable energy and the development of this business and technology.

Current responsibilities: Responsible for a multidisciplinary professional team who identify, develop, gain approvals for and install renewable energy projects for Verve Energy, D&WS's own asset base, and for external clients. Provides specialist engineering input into renewable energy projects as required including research and development of various new related technologies.

Career highlights: Has sought, developed and managed seven large scale renewable energy projects totalling approximately \$80M with all projects delivered on time and under budget. The largest of these was the 22MW Albany Wind Farm. This included the first use of large-scale variable speed inverter coupled wind turbines on both main grid and isolated grid systems in Australia. All projects have included technical innovation through the development of specialised technology adding value to these systems.

Has sought and attracted business for D&WS with 5 external clients with a total of 11 individual external projects currently under review or building.

Has worked in Europe, Japan and Fiji and worked prior to that in the United Kingdom, The Netherlands, Denmark and Germany.

Awards: Received eight undergraduate engineering awards. Received an Australian Postgraduate Research Award Scholarship in 1992 and an Institution of Engineers Science and Technology Awareness Scholarship in 1994. His projects have received recognition through the Banksia Foundation and been candidates in the IEAust Engineering Excellence Awards.

Publications: Published 8 journal articles and delivered 21 conference papers.

Member Institutes: Member of The Institution of Engineers, Australia. Affiliated with the Mechanical Engineering College.

Other: Paul is an expert advisor to the Australian Research Council, the Australian Greenhouse Office and Standards Australia.