



Peter Cameron - RESUME

Personal Details



Name: Peter CAMERON

Position: Director, Renewables

Nationality: Australian

Languages: English (Native language)

Qualifications: BSc (Engineering) Chemical Engineering, University of Newcastle (1971).

Affiliations: Member, Institution of Engineers, Australia; Member, Australian and New Zealand Solar Energy Society.

Key Technical Capabilities

A very experienced manager and engineer with project management, commercial and technology development experience in the renewable and traditional energy industries. This includes contract negotiation and management of major energy and power generation projects in private and public ownership. This experience includes:

- Engineering and project management of solar energy, biomass and waste to energy systems;
- Energy audits and review of process plant operations;
- Operation of pilot and commercial scale demonstration plants;
- Management and evaluation of new technology projects;

- RAPS and management of energy projects in remote locations.

Career Resume

1998 – 2005: Consultant, Ultra-Systems Technology Pty Ltd.

Undertook studies and managed renewable energy projects, including business case studies, feasibility studies and technology investigations for biomass, solar thermal and photovoltaics. Investigated the supply of biomass wastes and residues for energy projects and for co-product production. Risk evaluation and commercial evaluation of alternative energy generation.

Managed a large 3MW solar thermal project for a government owned corporation and managed photovoltaic, RAPS and isolated energy delivery projects. Provided technical and commercial advice to clients on the purchase of Green Energy and evaluated options for commercial renewable energy based power generation. Undertook energy audits and alternative energy opportunities in large utility systems.

1997 – 1998: Development Manager, Biomass Energy Services and Technology Pty Ltd

Managed research programs for clients and business development. This included the development of systems for handling and processing green waste and residues by briquetting, gasification and pyrolysis and the generation of electricity from wastes and residues for industry clients.

1994 – 1997: Energy Alternatives Engineer, Queensland Transmission and Supply Corporation

Managed renewable and alternative energy programs and strategic R&D. This included biomass and solar energy projects, coal seam methane power generation, remote area power supply, wind and the operation of an experimental geothermal generation plant at Birdsville.

Identified opportunities for biomass projects and promoted these opportunities to government and industry. Implemented a \$4.5million renewable energy RAPS project and negotiated supply and service agreements with clients in western and far north Queensland.



1993 – 1994: Technical Manager, Activated Carbons Australia Limited

Was responsible for the development, and operation of a 50tpa Pilot Plant and design of a 750tpa Demonstration Plant for manufacturing activated carbon from biomass. Management of professional and operations staff, consultants and the technology development programs.

1991 – 1993: Independent Consultant

Undertook a variety of assignments including:

- Bankers audit for an advanced technology energy project;
- Development of an Environmental Management Plan for a bulk handling facility;
- Investigation and feasibility study of energy savings and productivity improvement for a metallurgical process plant;
- Process audits in the food industry;
- Market survey and product testing of fuel briquettes.

1981 – 1991: Coal Technologist, Shell Australia (1988 - 1991) and CSR Limited (1981 - 1988)

Reported to the General Manager and Manager, Coal Technology with responsibilities for:

- Management of environmental and infrastructure studies and negotiations with stakeholders;
- Technology and utilisation advice in support of marketing activities, operating mines and new "grass roots" projects.
- Project promotion and liaison with Government officials and utilities;

1971 – 1981: Chief Engineer, Australian Char Pty Limited

Reported to the General Manager with responsibility for the works engineering function.

This plant produced 60,000tonnes/annum of char (charcoal), produced by pyrolysis of brown coal briquettes.

1964 – 1971: Engineer, BHP Co Limited

Completed a degree at Newcastle University and carried out technical and management activities in coke ovens, blast furnaces, plant services and operations research at Newcastle steelworks.

Key Publications

"The Drive for Renewable Energy in Queensland", 3rd Renewable Energy & Remote Area Power Supplies Conference", 1996.

"Solar Thermal Energy Technologies in Australia", Distribution 2000, 1997.

"Renewable Energy Generation Opportunities in Isolated Power Systems", 8th Renewable & Sustainable Power Conference, 2002.

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