Resume: **Dr David Crossley**

Current Positions	
1996 to present	**Managing Director, Energy Futures Australia Pty Ltd, Sydney** Dr David Crossley founded this consultancy company in 1996. He provides advice on sustainable energy policy and programs to a broad range of clients, including governments, regulators, energy companies, industry associations and NGOs. Energy Futures Australia website.
2013 to present	**Associate, Institute for Sustainable Futures, University of Technology, Sydney (honorary position)** David advises postgraduate students on their research projects at the Institute. Institute website.
Experience	David has 41 years international experience working in the energy sector, particularly in the following areas: • sustainable energy policy and programs, including energy efficiency, demand-side management, renewable energy and abatement of greenhouse gas emissions; • government energy policy and planning, across all energy forms; • energy industry restructuring and reform. Since 1996, for a broad range of clients across five continents, David has completed more than 70 individual consultancy projects (see www.efa.com.au/Library/projects.pdf) and over 140 publications (see www.efa.com.au/Library/publist.pdf).
Key Skills	• Energy policy development and advice • Promotion and marketing of sustainable energy solutions • Design of demand-side management and energy efficiency programs • Project management • Strategic business planning • Identification of new business opportunities • Commercial and government negotiations
Educational Qualifications	• PhD from School of Australian Environmental Studies, Griffith University, Brisbane, 1982. Thesis title: *Social Aspects of Energy Use and Conservation, and Energy Policy.* • MSc from Australian National University, Canberra, 1971 • BA (Hons) from University of York, England, 1968
Professional Memberships	• Fellow, Australian Institute of Energy (FAIE) • Member, Australian Solar Council
Awards	In 2012, David received an Energy All-Star Award from the Australian Alliance to Save Energy for outstanding achievements in moving Australia towards a smarter, cleaner energy sector.
Major Career Achievements	From 1975 to 1982, while at Griffith and Monash Universities, David pioneered the introduction to Australia of social science research on energy policy and consumer energy conservation behaviour. During 1982 and 1983, David advised the Brunswick City Council in Melbourne, Australia on the establishment and operation of a community business enterprise. The business employed and trained previously unemployed people to thermally insulate the dwellings of low income households, thereby reducing household energy bills. From 1983 to 1987, David was the first director of energy planning for the Government of Victoria, Australia. He was responsible for the development of energy policy and programs across all energy forms, including initiating and establishing a state-wide energy planning program.

Major Career Achievements (continued)

From 1990 to 1995, David managed the development and implementation of demand-side management programs for the electricity generation and transmission utility, Pacific Power, located in New South Wales, Australia.

In 1992, David wrote the demand-side management sections in the *National Grid Protocol*, the original design for the Australian National Electricity Market (NEM). He coordinated national policy on demand-side management and energy efficiency in the development of the NEM. David was the editor of the report *Demand Management Opportunities in the Competitive Electricity Market* published in 1994. He also chaired the National Committee on Demand Management established by the Electricity Supply Association of Australia.

During 1995 and early 1996, David planned and established the Sustainable Energy Development Authority (SEDA) for the Government of New South Wales, Australia. SEDA was the first government agency in the world with a specific mandate to reduce greenhouse gas emissions through promoting energy efficiency and increased use of renewable energy.

From 1996 to 2002, David represented the New South Wales Government in successfully corporatising the Snowy Mountains Hydro-electric Authority. This included negotiating a major ground-breaking inter-governmental agreement to improve the environmental condition of the Snowy River.

Between 1997 and 2010, David was the project director for three major multi-national research projects carried out under the auspices of the International Energy Agency Demand Side Management Programme. These included a project that developed methods for utilising demand-side management as an alternative to building 'poles and wires' and augmenting electricity networks; and a project that investigated the potential contribution to mitigating greenhouse gas emissions that can be made by demand-side management technologies and measures**.**

In 2003, David provided advice to the New South Wales State Government on the establishment of the GGAS emissions trading scheme, one of the world's earliest emissions trading schemes. GGAS included an energy efficiency component that was the first operational white certificate scheme in the world.

In 2005, David researched and wrote a case study of Thailand's Energy Efficiency Revolving Fund that described how the Fund was implemented, provided insights into the impact of the Fund, and considered whether there were any best practices and lessons learned that could be shared with other member economies of the Asia Pacific Economic Cooperation forum (APEC).

Between 2007 and 2009, David carried out a review of all 250 projects carried out under the auspices of the Energy Working Group (EWG) of the Asia Pacific Economic Cooperation forum (APEC) since its inception in 1990.

In 2009, David was the team leader for peer reviews of government energy efficiency policies in Chile and in New Zealand for the Asia Pacific Economic Cooperation forum (APEC).

In 2012, David managed the preparation of detailed case studies of 19 energy efficiency obligation schemes implemented in a range of jurisdictions around the world. He carried out a comparative analysis of the case studies to identify best practices in designing and implementing EEO schemes.

From 2009 to 2015, David worked mainly in China where he was responsible for managing the provision of technical assistance on demand-side management and energy efficiency to governments, regulators and the electricity industry.

Previous Affiliations

2009 to 2015	**Senior Advisor, The Regulatory Assistance Project (RAP)** RAP is a global, non-profit team of experts focused on the long-term economic and environmental sustainability of the electricity sector. David worked with RAP mainly in China. When required, David still contributes to RAP's global projects on policies and regulation to increase the sustainability of energy use and supply. RAP website.
2008 to 2009	**Advisor to the Board, Wattwatchers Pty Ltd, Sydney** David advised the Board of this technology development company on incorporating learnings from behavioural research into the design of hardware and software products that empower companies and householders to reduce both their carbon emissions and their energy bills. Wattwatchers website.
2005 to 2007	**Energy Efficiency Advisor (part-time), Renewable Energy and Energy Efficiency Partnership, based in Vienna, Austria** David provided advice on energy efficiency policy to this international NGO that invests in clean energy markets to help developing countries expand modern energy services and improve lives; increase prosperity and economic dynamism; and keep CO2 emissions in check. REEEP website.
2001 to 2002	**Senior Associate (part-time), Environmental Resources Management, Sydney** David contributed to a range of studies carried out by the consultancy firm Environmental Resources Management.
1996	**Founding Acting Executive Director, Sustainable Energy Development Authority, New South Wales Government, Sydney** David planned and established the Sustainable Energy Development Authority as a new government agency with a mandate to reduce greenhouse gas emissions through promoting energy efficiency and increased use of renewable energy. He set the initial goals and objectives for the operation of SEDA and acted as Executive Director of SEDA for the first four months of its existence. Download SEDA's final Annual Report.
1995 to 1996	**Project Manager Environment, New South Wales Treasury, Sydney** David provided advice on environmental aspects of the reform and restructuring of the New South Wales electricity industry. On behalf of the New South Wales Treasurer and Minister for Energy, he negotiated the amendments to the *Electricity Supply Bill*, which led in New South Wales to the establishment of greenhouse gas emission benchmarks for electricity retailers and requirements for electricity distributors to include consideration of demand-side management in their network planning. David chaired the working group which recommended to the Treasurer the establishment of the Sustainable Energy Development Authority and provided advice on the drafting of SEDA's enabling legislation.
1990 to 1995	**Manager Demand Planning, Pacific Power, Sydney** David was appointed as the inaugural senior executive responsible for demand-side management and energy efficiency in the then monopoly electricity generation and transmission utility in New South Wales. He managed the development and implementation of demand-side management programs in collaboration with electricity distributors.
1990	**Consultant, Legal Aid Commission of New South Wales, Sydney** David developed an Executive Performance Management System for Senior Executive Service officers employed by the Commission.
1989 to 1990	**Area Sales Manager, NUS International Pty Ltd, Sydney** David advised clients about reducing purchase costs for energy supplies.

Previous Affiliations (continued)

1988 to 1989	**Chief Executive Officer, The Hunger Project Australia, Sydney** David provided executive management expertise to the Australian branch of this international NGO that develops education programs about the role of sustainable development in alleviating poverty and hunger.
1987 to 1988	**Joint Proprietor, Synergetic Management, Melbourne** David developed, promoted and presented management education courses for the public sector.
1987 to 1988	**Sole Proprietor, EPI Consultants, Melbourne** For the Australian (federal) Government, David developed a series of booklets on energy conservation for local governments. He advised Brunswick City Council during negotiations with the Victorian Government on a new agreement concerning Council's franchise to distribute electricity. David also carried out a study for Melbourne City Council on improving the efficiency of energy use in the Council's internal operations.
1983 to 1987	**Manager Energy Planning, Victorian Department of Minerals and Energy, Melbourne** As the first director of energy planning for the Victorian Government, David established a state-wide energy planning program and managed the development of energy policy and programs across all energy forms. He developed and established processes for formulating comprehensive statements of Government energy policy; carried out the review and coordination of energy policy across all Victorian Government agencies and in liaison with the Commonwealth Government; and achieved the integration of energy policy with other Victorian Government policies.
1980 to 1983	**Research Fellow and Senior Research Fellow, Graduate School of Environmental Science, Monash University, Melbourne** David initiated and managed three research projects: predicting outcomes of energy conservation policies applicable to householders; developing guidelines for energy conservation in local government (in collaboration with the Municipal Association of Victoria); and identifying barriers to energy conservation by householders which could be addressed through government policy. David was the Australian representative for a major comparative study of energy conservation policies and programs in Europe, North America and Australia.
1979	**Consultant, Energy Authority of New South Wales, Sydney** David provided advice on the promotion of consumer energy conservation behaviour in the residential sector.
1975 to 1979	**Postgraduate Research Scholar, School of Australian Environmental Studies, Griffith University, Brisbane** David undertook PhD research on energy policy and consumer energy conservation behaviour. He carried out the first major study in Australia of the procedures used by governments for energy policy formulation. David also designed and implemented the first social survey in Australia of householders' knowledge, attitudes and behaviour in relation to energy conservation.

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