

Clive Bull BE (Elec) (Hons)



Clive has 30 years experience across a range of roles in the corporate sector of New Zealand's electricity and gas industries. Following graduation as an electrical engineer from the University of Canterbury in 1980, Clive undertook a range of technical post graduate roles in the then New Zealand Electricity Department, leading to an early specialisation in electricity system operations. With corporatisation and the formation of Transpower, Clive's role became the management of transmission system operations in the pre-electricity market phase.

Clive transferred into a grid planning role in 1989 and took up responsibility for the planning and implementation of capital works projects for the North Island grid. This role provided exposure to all aspects of grid planning and the management of significant capital projects. In 1994 Clive took up an opportunity to participate in a management swap programme with Transpower in cooperation with the Georgia Power Company and relocated to the USA to undertake a one year work experience assignment in the area of bulk power markets. At the completion of this assignment, Clive completed the 13 week residential Program for Management Development at the Harvard Business School in Boston, Massachusetts.

On returning to New Zealand, Clive undertook a number of commercial roles at Transpower, at various stages managing transmission contract and pricing development and the customer relationship management team. Clive left Transpower to move into the distribution sector in 1999 taking on customer and commercial management roles with UnitedNetworks, immediately following the separation of line and retail functions in New Zealand. UnitedNetworks expanded its business into gas distribution and Clive was responsible for developing and negotiating a new suite of use of system agreements with electricity and gas retailers. Following the sale of UnitedNetworks to Vector, Clive continued in the newly merged business in the area of customer and commercial management, including a significant period with responsibility for developing a new business model to streamline aspects of Vector's portfolio of network businesses across electricity and gas and later incorporating the purchase of NGC's gas business.

Throughout this period, Clive has been a member of a number of industry advisory and working groups for various regulatory and industry bodies in a range of areas spanning the electricity and gas sectors, including transmission investment, distribution and retail commercial arrangements and industry-developed consumer and landowner complaints resolution schemes.

Clive had responsibility for developing aspects of Vector's business responses to climate change, in particular establishing a programme of research and development activities in the areas of distributed generation based on emerging clean technologies, electric vehicles, smart metering and smart grids.

Clive left Vector in July 2009 to widen his experiences beyond the corporate sector and is currently active as an independent consultant, including as an Associate Consultant with Strata Energy Consulting on a growing range of energy industry assignments. These have included assignments for the Electricity Commission on grid exit point power factor and for the Commerce Commission on input methodologies for regulated energy network companies.

Clive Bull's relevant experience includes:

- Customer and commercial management roles at both transmission and distribution levels in the electricity and gas sectors, providing a broad customer-focused experience set and a detailed understanding of network company strategy and business operations.
- Asset management roles with specialisation in transmission system planning and project management for projects requiring significant capital expenditure and implementation complexity.
- Roles providing an in-depth understanding of the role and strategic impact of new technologies on network distribution businesses, in particular the types of technologies that are starting to appear on the near horizon with a particular interest and application for mainstream end-consumers.