



QUALIFICATIONS

BE Electrical (First Class Honours)

Electrical Technicians Certificate

CURRENT POSITION

Senior Affiliate, Lord Consulting

Managing Director, Power Network Consulting

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

Honorary Member of CIGRE International

Fellow of Institute of Engineers Australia (FIEAust)

PEng, APESMA

Registered Professional Engineer Queensland (RPEQ)

Endorsed assessor for BSI - PAS55, IAM (UK)

Chairman of CIGRE Study Committee B3 (Substations)

Graduate Australian Institute of Company Directors (AICD)

EXPERTISE

- High Voltage Substations
- Power engineering
- Asset and Risk Management
- Maintenance Management
- Condition Monitoring & Diagnostics
- Design Standardisation
- Fault investigations

Summary of competencies

Terry Krieg is an experienced high voltage electrical engineer and international consultant with more than 40 years power industry experience. He has held senior management roles at a number of large Australian power utilities including ElectraNet in South Australia and Power and Water in the Northern Territory. He has provided consulting services to a range of clients in Asia, Middle East, New Zealand and Australia. In addition, he has specific technical experience with control and protection and diagnostic equipment in generators and substations.

In previous management roles he was responsible for the introduction of comprehensive fault investigation processes, new approaches to standardisation and design, outsourcing, asset management practices, risk-based condition monitoring and maintenance and has significant high voltage electrical plant experience in maintenance, commissioning, testing and diagnostics of networks and generation.

Major consulting projects include asset management reviews, failure and bushfire investigations and audits of systems and processes, studies for major new infrastructure projects, the implementation of new standardised design processes, new approaches to maintenance and on-line condition monitoring and asset management of assets. He was introduced major improvements to asset management practices within the power industry and has presented more than 45 engineering and management papers and key note addresses on aspects of strategic asset management to industry conferences in Australia and globally.

Terry served as Chairman of the international study committee of CIGRE – B3 (Substations) from 2011 - 2018.

Recent project experience

- Strategic advice to the government of Brunei on the redevelopment and structure of the electricity sector, Brunei.
- Audit of live line practices for proposed Western Power contractors in Australia
- Expert witness for Parkerville bushfire investigation in WA Supreme Court, Perth, WA
- Development of strategies to support regulatory submissions for Transpower New Zealand
- Audit of BHPB Olympic Dam Transmission License 2018, Olympic Dam, SA
- Development of asset class plan for power transformers for Snowy Hydro, Cooma, NSW
- Review Low Lines policy and management practices for SA Power Networks, SA
- Review of Asset Management and Standards Support for Horizon Power, WA
- Due diligence assessment of Queensland T&D power utilities for Queensland Treasury
- Murrindindi Bushfire Investigation, VICPOL, Vic, Australia
- Alice Springs System Black Investigation, PAWC, Northern Territory, Australia
- Due Diligence Assessment 500kV Gas Turbine and Switchyard, Vietnam
- BSI PAS 55 Certification Audit, Abu Dhabi, UAE
- Review of Design Standards - Current State Assessment, SPAusnet, Australia
- Current State Assessment of Substation Design Standards and processes, Western Power, WA, Australia
- Review of Asset Management Capability, PWC, NT, Australia
- Development of Earth Grid Asset Management Plan, SA Power Networks, SA, Australia

Referee/s

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