



### QUALIFICATIONS

Bachelor of Electrical and Electronic Engineering, First class Honours, James Cook University  
Graduate Diploma of Engineering Professional Development, Engineering Education Australia

### CURRENT POSITION

Senior Affiliate, Lord Consulting  
Principal Engineer, Kempson Energy

### PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

Member of Engineers Australia (MIEAust)  
Chartered Professional Engineer (CPEng)  
Registered Professional Engineer Queensland (RPEQ)

### EXPERTISE:

- Substation Primary Plant and Secondary Systems Testing and Commissioning
- Insulation and Plant Condition Assessment
- Condition Monitoring and Diagnostics
- Maintenance Management
- Protection Systems
- Earthmat Testing
- Audio Frequency Load Control
- Substation Primary Plant and Secondary Systems Design
- System Operations
- Risk Assessment and Management
- Contingency Planning and Management
- Project and Programme Management

### Summary of competencies

Robert has worked in the Queensland power industry for over thirty years, including lead roles in substation design, power system operations, substation testing and commissioning and substation maintenance. Robert is recognised within the Queensland power industry for his excellent technical skills as well as his management skills in building and developing high performing technical teams.

Robert has extensive experience in all phases of substation infrastructure life: from concept, design, construction, testing, commissioning, maintenance, life extension, condition assessment and contingency management through to de-commissioning. Having worked at a senior level in utility asset management and operational service provision, Robert is uniquely skilled to be able to develop and implement integrated strategies and processes that address all stakeholder's requirements and pragmatically balance risk and cost.

Servicing both utility and external customers, Robert has developed expertise across a wide range of network topologies, voltages, protection philosophies and equipment technologies. Many of the commissioning and maintenance procedures and methods developed by Robert are used by the Queensland Electricity Supply Industry, major customers and electrical contractors.

### Recent Project Experience:

- Implementation of joint substation maintenance practices aligned with world's best practice.
- Implementation of diagnostic testing throughout Ergon Energy.
- Scoping and delivery of medium voltage switchgear condition assessment program of works.
- Commissioning of large substation and renewable connection projects.
- Introducing standardised test and commissioning procedures and standard protection relay test plans throughout Ergon Energy.
- Investigating systemic plant failures and developing associated plant management strategies.

### Referees

Energy Queensland: Blake Harvey

Energy Queensland: Carson Care