



**Title:** Senior Electrical Engineer  
**Location:** Perth, Australia  
**Function:** Engineering  
**Details:** Permanent, Full-Time

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EDL owns and operates a global portfolio of power stations in Australia, North America and Europe. Our vision is to be the leading global producer of sustainable distributed energy. At EDL, we are playing a key role in the world's transition from traditional energy sources to decarbonised solutions.

Reporting to the Lead Electrical Engineer, this role is responsible for providing electrical engineering leadership to ensure EDL maintains compliance with Legislative, technical and HSE requirements to minimise risk to the business, its employees, and key stakeholders.

### **Key Responsibilities**

- Investigate problems with electrical systems and develop plant modifications (MoC's) to address identified issues.
- Facilitate design and project reviews, including HAZOP, HAZID and safety reviews.
- Prepare and check engineering designs, estimates, proposals, standards, and operational guides with other disciplines for operations and projects.
- Prepare technical specifications, equipment datasheets and calculations, including HV/LV switchgear, distribution equipment, control systems and electrical protection settings.
- Provide support for managing interfaces between the project or site and various Regulatory bodies including network service providers under statutory requirements for a project.
- Provide supervisory and technical assistance for any on-site commissioning work.
- Provide mentoring to graduate electrical engineers.

### **Qualifications and Experience**

- Formal engineering qualifications at engineering degree level in Electrical engineering with a minimum of 10 years' experience following graduation.
- Member of the Institution of Engineers, Australia, CPEng.
- Member of the Board of Professional Engineers Queensland, RPEQ.
- CPR/LV rescue.
- Experience in power system and earth grid analysis using modelling software.
- Experience in industrial power generation, protection design and control systems.
- Hazardous Area Design and Classification (desirable).
- Experience with the requirements of the National Electricity Rules for Generators (desirable).
- Understanding of electrical safety, functional safety (AS61508/61511) requirements (desirable).

EDL is committed to creating a diverse and inclusive environment and is proud to be an equal opportunity employer.

To apply, please send your current resume and cover letter to [hrvacancies@edlenergy.com](mailto:hrvacancies@edlenergy.com), quoting reference VAC0321.

**Applications close Friday, 20 May 2022**