SENIOR ELECTRICAL ENGINEER
EVO Power Pty Ltd
Bayswater, Melbourne VIC
Full time

ABOUT US

EVO Power is a leader in battery energy storage technology, delivering innovative, fully integrated Battery Energy Storage Systems (BESS) for commercial, industrial and utility-scale energy projects.

Combining proven technology with industry-leading engineering expertise, we deliver reliable, high-performance energy storage solutions that help customers maximise value and support a more sustainable energy future.

Partnering with private and public sector organisations, EVO Power empowers customers to achieve their energy goals and *Power Your Way* to a renewable future. We are ISO certified across Quality, Occupational Health & Safety, and Environmental Management Systems, reflecting our commitment to excellence, safety and continuous improvement.

THE OPPORTUNITY

Reporting to the **Project Engineering Manager**, you will take technical ownership of the electrical engineering design and delivery of Battery Energy Storage Systems (BESS) across commercial, industrial and utility-scale projects throughout Australia.

Working closely with internal and external stakeholders, you will lead engineering activities from design and technical review through to commissioning and handover, ensuring solutions are safe, compliant and fit for purpose. This is an excellent opportunity to apply your expertise to industry-leading energy storage projects while contributing to Australia's renewable energy future.

KEY RESPONSIBILITIES

- Lead the electrical engineering design and delivery of BESS projects from concept through to commissioning and handover.
- Develop, review and approve engineering deliverables, including single-line diagrams, schematics, calculations, specifications and technical documentation.
- Provide technical leadership, mentoring and support to Project Engineers and other engineering stakeholders.
- Coordinate with EPCs, DNSPs, OEMs, consultants and project teams to resolve technical issues and ensure successful project outcomes.
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- Support design reviews, risk assessments, Safety-in-Design initiatives and engineering assurance activities.
- Ensure compliance with applicable Australian Standards, network requirements, safety obligations and EVO Power engineering practices.
- Provide technical support for FAT, SAT, commissioning, testing and system integration activities.
- Drive continuous improvement across engineering standards, processes and project delivery.

ABOUT YOU

To be successful in this role, you will bring:

- A Degree in Electrical Engineering.
- NER, RPEV or RPEQ registration.
- Demonstrated experience delivering electrical engineering projects within BESS, renewable energy, utilities, power systems or industrial infrastructure.
- Strong knowledge of LV and MV electrical systems, including protection and control, power distribution, equipment integration and relevant Australian Standards.
- Experience leading technical design activities and managing engineering deliverables across the project lifecycle.
- The ability to assess technical documentation, identify risks and develop practical engineering solutions.
- Excellent communication and stakeholder management skills, with the ability to engage effectively with clients, contractors and project teams.
- Strong analytical, problem-solving and decision-making skills.
- A collaborative approach with the ability to mentor and support less experienced engineers.
- Experience with BESS, renewable energy, grid-connected or off-grid power systems will be highly regarded.

DESIRABLE SKILLS & EXPERIENCE

- Experience with SCADA, PLC, EMS or other control systems.
- Knowledge of microgrids, grid compliance and network service provider requirements.
- Experience with power system studies, protection coordination or commissioning activities.
- Relevant site or electrical safety certifications.

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WHY JOIN EVO POWER?

- Flexible working arrangements.
- Work on industry-leading **Battery Energy Storage System (BESS)** projects that are helping shape Australia's energy future.
- Be part of a growing organisation at the forefront of the renewable energy and energy storage industry.
- Take ownership of technically challenging projects from design through to commissioning and handover.
- Enjoy opportunities for professional development, career growth and ongoing learning.
- Join an ISO-certified organisation committed to quality, safety, innovation and continuous improvement.

OUR CULTURE

At EVO Power, we are committed to creating a workplace where people feel valued, respected and supported. As an equal opportunity employer, we celebrate diversity and are dedicated to fostering an inclusive environment where everyone can thrive. We encourage collaboration, continuous learning and professional growth, and are proud of the positive culture we continue to build across our teams.

HOW TO APPLY

If you are an experienced Senior Electrical Engineer looking to work on industry-leading energy storage projects and contribute to Australia's renewable energy future, we'd love to hear from you. Please submit your resume and cover letter to **hr.au@evopower.com**.
For enquiries, please also contact **hr.au@evopower.com**.
Recruitment agencies, please do not contact us regarding this position.

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