



Division	Development
Team	Engineering
Line Management	Engineering Manager
Role	Senior Project Engineer – Electrical and BESS
Location	Melbourne or Sydney

Clean Energy, Clear Vision

Atmos Renewables is powering a sustainable future for Australia. We are driving the energy transition through developing, operating and responsibly investing in clean energy for the long term. We are committed to achieving positive environmental outcomes and lasting relationships with local communities.

We work together with Integrity, Safety, Courage & Humility.

The Company

Atmos Renewables is a leading Australian renewable energy IPP with interests and ownership in over 1.7GW of wind and solar assets across all the NEM states. Established in 2020 by Igneo Infrastructure Partners, a specialist global investment management company with over 25 years' experience in infrastructure, Atmos develops and invests in renewable energy projects at all stages of their lifecycle and is a long-term owner and operator of clean generation and storage assets.

Atmos will be part of the solution to decarbonizing Australia's electricity network by building and operating a portfolio of renewable energy generation assets while being the partner of choice for communities, landowners and offtakers across Australia.

Atmos is managed by a growing, highly experienced team of renewable energy professionals, with offices in Sydney and Melbourne, Australia. We are committed to investing in clean technology that offsets carbon emissions in the Australian electricity markets and in a way that supports

Australia's vibrant local communities and protects and enhances its biodiversity. Atmos is building a development pipeline of projects at various stages and expects to have projects in construction within the next year.

About Us

Atmos Development Team is looking for 3 experienced new team members committed to the energy transition and our company values. While relatively new, we have quickly become the fifth largest owner/operator of renewables within Australia through a series of portfolio acquisitions.

The Development Team has established a healthy pipeline of onshore wind, battery and solar projects across Australia through partnership agreements, acquisitions and our own internal development.

Our Sydney board offers us the magic combination of significant investment appetite, strong governance and the agility that comes with regular access with the Atmos team and a deep understanding of all aspects of the Australian energy transition.

Suitable candidates will align with our company values, be comfortable working in a lean and ambitious company, a strong team worker and values driven. While we have a flexible work policy, our preference is for candidates capable of working in our Melbourne and Sydney offices.

The Role

Reporting to the Engineering Manager, the main purpose of the role is to provide engineering input to support Atmos Renewables' operating asset portfolio and its development strategies from feasibility and planning stages through to financial close and construction phase for wind, solar and battery energy storage projects.

The role would suit a collaborative engineer, with solid experience in both HV electrical and BESS design, who can support Atmos Renewables' asset management and growth strategies. Melbourne or Sydney location.

Project Development, Business Development

- Provide technical support to Atmos' origination and procurement of wind, solar and BESS development opportunities across the NEM, to expand Atmos' development pipeline through both own projects and partnering approaches
- Work closely with the other members of the development team to identify, assess and optimise project opportunities, with a view to deliver robust and high performing assets into construction and subsequent operations
- Engage with key equipment OEMs, BESS integrators and other relevant suppliers, contractors and consultants to maintain up to date knowledge of technology changes, supply issues, performance and modelling issues & opportunities, etc. Responsible for sharing this information within the business.
- Develop processes, procedures and templates to facilitate efficient, consistent and flexible BESS engineering methodologies
- Develop processes, procedures and templates to facilitate efficient, consistent and flexible electrical engineering methodologies
- Support the Engineering Manager to develop processes, procedures and templates to facilitate efficient, consistent and flexible engineering methodologies in other areas
- Recommendations, specifications and analysis for optimal BESS sizing and configuration
- Ongoing assessment of technical viability of projects and communication of risks and opportunities as they relate to individual projects and industry-wide issues
- Develop and optimise BESS project designs and provide electrical engineering input into the development and optimisation of wind and solar project designs
- Technical advice for contract specifications, including technical standards, electrical engineering aspects and performance warranties
- Support the Engineering Manager in ensuring that the engineering aspects of Atmos' projects and assets comply with all commercial, legal, health, safety and environmental requirements.
- Technical due diligence, both internal and through scoping, contracting and managing external advisers and consultants, for potential acquisition opportunities, including yield analysis, technical design & as-built DD, key inputs for financial models
- Lead technical due diligence workstream for projects through the financial close process
- Work closely with the grid team to support the electrical grid connection process.
- Work closely with legal team regarding technical aspects of tender and contracting processes
- Attend industry conferences, training seminars and workshops etc that would benefit the company knowledge base in the areas of BESS and electrical engineering.
- Assist and play an active role in further recruitment within the Engineering team.

Construction Projects

- Provide technical support to BESS, wind and solar construction projects
- Participate in project technical processes, procedures and performance including: design reviews, risk registers, documentation control, quality control and technical performance
- Support technical aspects of commissioning processes

Operating Assets

- Work closely with the Operations team and provide electrical engineering support for key technical issues and improvement initiatives at operating wind, solar and BESS assets
- Detailed operational performance reviews, including deep-dive performance analysis for operating BESS assets (regular reporting will be by AM team)
- Operational performance reviews as required for lending, budget, forecast etcetera processes. This may include site visits and inspection of existing wind, solar, BESS assets.
- Assist and support in relation to technical contractual obligations (e.g BESS OEMS, EPC/BoPs, O&Ms and other suppliers), such as performance verification, reliability testing and availability guarantees, reporting and preventative maintenance regimes.
- Assist in quality assurance and interpretation of root cause analysis.

Skills and Experience

- Tertiary Qualifications in Electrical Engineering, or equivalent
- Minimum 7 years' engineering experience, with minimum of 3 years in BESS engineering
- Demonstrated experience in HV electrical design and commissioning. Construction and operations experience also advantageous.
- Demonstrated experience with techno-economic design optimisations of BESS projects
- Demonstrated experience in key equipment selection, and performance guarantees and testing, for utility scale BESS projects
- Demonstrated experience during the commissioning phase of BESS projects
- Experience with engineering aspects of all phases of the lifecycle of HV electrical and BESS projects
- Collaborative team player, with a positive attitude
- Adaptable and eager to continue learning & improving
- Enjoys problem solving
- Strong analytical and evaluation skills
- Self-motivated and able to work independently
- Able to work under pressure and meet deadlines
- Excellent written and oral communications skills
- Current driving licence and available for short duration domestic travel

Reward

We are a small, dynamic and highly motivated team that works very closely together and we want you to succeed with us. Our people are our most valuable asset, and we show this through the benefits we offer including competitive remuneration, competitive bonus, flexible working (including part-time considered), professional body membership. We are also dedicated to the personal and professional development of our employees via training and development opportunities.