HEAD OF ENGINEERING – AMPYR AUSTRALIA

Position Description

Position	Head of Engineering	**Reporting Manager**	Chief Operating Officer – AMPYR Australia
Location	Sydney, Australia (with regular travel to project sites across NEM states)	**Reports**	Engineering team — Principal Engineer and Project Engineer(s)

Our Company

AGP Sustainable Real Assets (**AGP**) is a global asset management group, investing in, developing and operating sustainable infrastructure.

AGP focuses on deploying capital into platforms, businesses and assets focused around three investment themes:

- Renewable Energy,
- Sustainable Communities & Infrastructure, and
- Natural Capital.

Each AGP platform, business and asset is to be measured and monitored against the positive contribution they make to the United Nations Sustainable Development Goals (UNSDGs) and how they contribute to a net zero GHG emissions future.

Among its various investment platforms, AGP has established AMPYR Energy (**AMPYR**) which develops, owns and operates renewable energy assets around the world.

AMPYR Australia:

- Is constructing the 300MW/600MWh Bulabul 1 BESS project along with a rapidly growing pipeline of more than 2500MW of utility energy storage projects.
- Owns a 23MW portfolio of C&I solar assets across 130+ sites and is developing a 300MW portfolio of distributed BESS assets (**AMPYR Distributed Energy** or **ADE**), comprising 60 x 5MW battery sites with all sites planned for deployment by mid-2028.

AGP is committed to conducting its business consistent with its values and expects team members to be aligned with these values: Integrity, Sustainability, Profitability, Collaboration and Growth.

AGP's head office is in Singapore with operations in Australia, UK, Europe, US and India; a rapidly expanding organisation with over 600 employees.

Purpose

The Head of Engineering leads and is accountable for the engineering function across AMPYR Australia's energy storage portfolio, spanning the full asset lifecycle — development, construction, commissioning and ongoing asset performance. The role covers the utility-scale fleet (the 300MW / 600MWh Bulabul 1 project and the broader 2,500MW+ utility energy storage pipeline) and the AMPYR Distributed Energy (ADE) portfolio of 60 x 5MW distributed BESS sites. Reporting to the Chief Operating Officer, the Head of Engineering leads the engineering team and acts as the senior technical authority for the business, working alongside the Development, Grid, Construction, Asset Management and Trading Operations teams.

The role owns AMPYR's in-house engineering capability: setting technical standards and the design basis, governing engineering decisions across phase boundaries, and building a team and delivery model that protects design intent, performance guarantees and HSE standards as the business scales. The Head of Engineering is accountable for reducing reliance on external consultants and for making AMPYR's delivery model repeatable across a growing multi-gigawatt pipeline.

Key Responsibilities

Engineering Leadership and Capability

- Build, lead and develop AMPYR Australia's engineering team, setting priorities, managing workload across concurrent projects, and developing capability and succession.
- Own the engineering resourcing model, determining the balance between in-house engineering and external consultants and owner's engineers, and manage the selection, scope and performance of external engineering support.
- Act as the senior technical authority for the business, owning engineering decisions, sign-offs and governance across the utility-scale and distributed portfolios.
- Establish and maintain engineering processes, review gates and documentation discipline so that technical decisions are traceable, auditable and consistently applied across the pipeline.
- Own the engineering resourcing plan and reporting, aligning engineering capacity with the development and delivery programme.

Development Phase

- Direct engineering input to site feasibility, technology selection and concept and preliminary design for utility-scale and distributed BESS, including layout, single-line diagrams, and civil, electrical and connection scope.
- Own technical specifications, scopes of work and tender documentation for Balance of Plant (BOP) and equipment-supply packages and lead the technical evaluation of bids and contractor selection recommendations.
- Provide engineering inputs to support the Grid team's connection applications and Generator Performance Standards (GPS) development, including layouts, single-line diagrams, equipment data and design.
- Provide technical scope, quantities, risk and contingency inputs to investment cases and DevEx and CapEx budgets
- Lead technical due diligence on new sites and acquisitions.
- Own the design basis and technical-assumptions documentation so that development decisions remain traceable into construction and operations.

Construction and Commissioning

- Lead the owner's engineering function during construction, with accountability for review and acceptance of contractor design submissions, inspection and test plans (ITPs), method statements and as-built documentation against the technical specification, NER and AEMO requirements.

- Direct engineering oversight, witnessing and technical acceptance of inspections, factory and site acceptance testing (FAT/SAT), and cold and hot commissioning hold points, coordinating with the Asset Manager's operational-readiness activities, including SCADA integration verification and grid integration testing.
- Own the technical assessment and engineering acceptance of defect, non-conformance and punch-list rectification by BOP contractors, supporting the Asset Manager's ownership of the owner-side defect register, allocation and tracking through to close-out, and escalating commercial and contractual issues where required.
- Approve staged energisation, switching and isolation plans and safe systems of work.
- Support the Grid team through GPS hold-point (R1/R2/R3) testing and connection and registration hold points, providing engineering resources, equipment data and resolution of plant-related issues.

Asset Performance

- Own the technical handover of completed projects to the Asset Management and Trading Operations teams, including as-built documentation, O&M manuals, warranty and defect registers, spares and performance baselines.
- Support the Asset Management team in verification of performance guarantees, including capacity, round-trip efficiency, response and thermal stability.
- Provide engineering input to the Asset Management team on operating assets, such as resolution of defects, performance shortfalls, availability issues, grid compliance and optimisation opportunities.
- Ensure operational lessons are fed back into AMPYR's design and specification standards to improve future projects.

Engineering Standards and HSSE

- Own AMPYR's technical standards, design basis documents, and specification and ITP templates, ensuring repeatable application across the pipeline.
- Own interface management between the Development, Grid, Construction, Asset Management and Trading Operations teams, ensuring technical continuity across phases.
- Be accountable for HSSE in design and engineering site activities during development, construction and commissioning, including safety-in-design, electrical safety, and switching and isolation discipline, with owner-side HSE governance of each asset transitioning to the Asset Manager at operational handover.

Reporting, Governance and Continuous Improvement

- Report on engineering status, risks and performance across design, construction, commissioning, defects and asset performance to the Chief Operating Officer, project governance forums and the Investment Committee as required.
- Own lessons learned, engineering procedures and the continuous improvement of AMPYR's repeatable delivery model.
- Drive the use of data, automation and digital tools to improve engineering efficiency, design assurance and engineering reporting, supporting the Asset Management team's

ownership of operating-asset monitoring systems, SCADA data flows and performance dashboards.

Qualifications and Experience

Essential

- Bachelor's degree (or higher) in electrical, power systems or a closely related engineering discipline.
- 15+ years of experience in engineering on utility-scale electrical infrastructure — BESS, solar, wind, substations or generation — including high-voltage (HV) works, with at least 5 years leading engineering teams or an owner's engineering function.
- Demonstrated experience leading engineering across the full asset lifecycle — development, construction and commissioning, and operations — with accountability for technical decisions and sign-off.
- Working knowledge of the NEM connection process, AEMO registration and Generator Performance Standards (GPS) under the NER, sufficient to interface effectively with the Grid team.
- Proven experience directing owner's engineering on BOP contracts, including design acceptance, performance-guarantee verification and technical close-out.
- Strong understanding of BESS systems, including power conversion systems, power plant controllers, SCADA, controls and software integration.
- Demonstrated HSSE leadership, including safety-in-design and electrical safety accountability.
- Willingness to travel to and spend periods on site at projects across NEM states.

Desirable

- CPEng and/or National Engineering Register (NER) registration, and a state-based electrical licence or HV switching qualifications.
- Direct BESS development, commissioning or operations leadership experience.
- Experience building or scaling an engineering function across a multi-gigawatt pipeline spanning both utility-scale and distributed assets.

Behavioural competencies

- Proven people leadership, with the ability to build, develop and retain a high-performing engineering team.
- A high level of confidentiality, discretion and professional judgement in technical and commercial matters.
- An uncompromising commitment to safety, particularly during high-risk energisation and switching activities.
- Decisive technical judgement, with the ability to make and defend engineering decisions under commercial and schedule pressure.
- Clear, confident and credible communication with executives, contractors and internal teams.

We offer

- Prime Sydney CBD location with hybrid and flexible working arrangements.
- Competitive remuneration and performance-linked bonus potential.
- Growth opportunities within an international and dynamic organisation.

This job description serves to illustrate the scope and responsibilities of the role and is not intended to be an exhaustive list of duties. The successful candidate will be expected to perform other job-related tasks as needed by the business.