

TRADING OPERATIONS ANALYST - ELECTRICAL ENGINEERING

Position Description

Position	Trading Operations Analyst - Electrical Engineering (BESS Operations)	Reporting Manager	Trading & Operations Platform Manager
Location	Sydney, Australia	Reports	n/a

Our Company

AGP Sustainable Real Assets (AGP) is a global fund and 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.

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

AMPYR is a leader in renewable energy development and asset management, with over 3GW of projects under management globally. Globally, AMPYR have developed, built and operated over 3GW of utility scale wind, solar, hydro and bioenergy assets. In Australia, AMPYR owns and operates more than 140 behind-the-meter solar PV system sites, one of the largest portfolios in the country. AMPYR is further developing the 1000MWh Bulabul BESS project in NSW, along with a rapidly growing pipeline of more than 5000MWh of energy storage projects.

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 is headquartered in Singapore with operations in Australia, UK, Europe, US and India; a rapidly expanding organisation with over 500 employees.

Job Description

AMPYR Australia is seeking a motivated and detail-oriented Trading Operations Analyst with an electrical engineering and power systems focus to join our Energy Markets team. This role is an excellent opportunity for an ambitious professional to build their career in the renewables sector at an exciting time in the energy transition, with a strong focus on battery storage asset development and operation across both utility-scale and distributed energy projects.

As a Trading Operations Analyst at AMPYR, you will play a central role in bridging asset operations, electrical engineering, trading, and commercial performance. This is a hands-on, detail-oriented position responsible for ensuring that our BESS fleet performs commercially and operationally to expectation before and after COD, while applying engineering judgement to the generation, distribution, utilisation and control of electric power across BESS and renewable energy assets.

The role includes interpreting electrical specifications, drawings, standards and regulations; reviewing the arrangement and operating constraints of circuits, transformers, circuit-breakers,

switchgear, connection infrastructure and other power equipment; and coordinating the operation and maintenance interface for BESS and associated electrical plant. It is a varied role with duties across contract management, market monitoring and analysis, asset operations, and power equipment performance monitoring.

The role is based at AMPYR's Sydney office, with flexible working arrangements available, subject to maintaining regular in-office collaboration.

Responsibilities

Asset & Electrical Engineering Performance Management

- Monitor day-to-day BESS operational, electrical and commercial performance, including cycling, degradation, asset health, electrical operating limits, equipment availability and force majeure conditions.
- Maintain performance monitoring dashboards and ensure accurate data inputs from SCADA, AEMO, OEM, network, asset management and trading systems.
- Review, maintain and advise on master asset and contract data parameters, ensuring alignment with technical operating limits, grid connection constraints and offtake obligations.
- Support the determination and review of the type and arrangement of circuits, transformers, circuit-breakers, switchgear, transmission and distribution interface equipment, connection infrastructure and other electrical equipment as they relate to operational readiness, asset limitations, trading constraints and maintenance planning.
- Interpret technical specifications, single-line diagrams, drawings, standards, grid connection requirements and electricity regulations relating to electric power equipment and use, translating requirements into operating, trading, reporting and compliance processes.
- Support weekly and monthly reporting cycles on asset performance, equipment availability, trading performance, market outcomes and financial KPIs.

Market Operations

- Monitor spot market outcomes on a day-to-day basis and identify trends and changing market conditions to inform trading strategy.
- Prepare and facilitate weekly meetings with internal and external stakeholders to present asset performance, electrical operating constraints, market dynamics and key risks.
- Contribute to the development of risk assessment methodologies and internal governance frameworks, including risks arising from grid events, forced outages, equipment limitations and maintenance windows.
- Optimise asset availability with offtakers and partners given prevailing market conditions, equipment capacity, outage plans and operating modes.

Operations, Maintenance & Contractor Interface

- Supervise and coordinate operational performance and maintenance interfaces for BESS, power conversion systems, transformers, switchgear, protection and control systems, connection infrastructure and related industrial plant, working through O&M contractors, OEMs, network service providers and asset managers.
- Monitor planned and unplanned outages, defects, alarms, equipment limitations and force majeure conditions, escalating where operational, safety or commercial impacts are identified.
- Support commissioning-to-operations transition, post-COD performance testing, operational readiness reviews and maintenance schedules for energy storage assets and associated electrical plant.

Compliance

- Work closely with legal and compliance teams to ensure operations are compliant with

relevant regulatory requirements, including NEM/AEMO requirements, grid connection obligations, technical standards and internal risk controls.

- Ensure compliance with internal risk framework and implement changes to risk reporting as needed.
- Own key datasets and ensure reliability of data sources supporting asset operations, maintenance coordination and reporting.

Qualifications, Skills & Experience

Educational Background

- Bachelor's Degree in Electrical Engineering, Power Systems Engineering, Renewable Energy Engineering or a closely related engineering discipline. Equivalent quantitative qualifications may be considered where supported by relevant power systems and energy asset operations experience.

Professional Experience

- 3-4 years' experience in renewable energy or BESS asset operations, power systems, electrical asset management, trading operations or market analytics.
- Experience in operating and trading systems for real-time grid-connected energy assets, including dispatching batteries, hydro or gas assets.
- Experience working with SCADA data, grid connection constraints, NEM/AEMO processes and equipment operating parameters for energy storage or generation assets.

Skills & Knowledge

- Good understanding of electrical power systems and energy technologies, including battery energy storage, solar, wind, hydro and related grid connection assets.
- Ability to interpret electrical specifications, single-line diagrams, technical drawings, operational data, standards and regulations relating to electric power equipment and use.
- Working knowledge of BESS architecture, inverters, transformers, circuit-breakers, switchgear, protection and control systems, telemetry and grid connection interfaces.
- Intuitive understanding of NEM market operations, market participant bidding behaviour patterns and spot market dynamics.
- Highly commercially focussed, with the ability to connect asset physical conditions and electrical operating limits to financial performance.
- Strong analytical and numerical skills with attention to detail.
- Excellent organisational skills and ability to manage multiple reporting cycles and stakeholder requirements.
- Excellent communication skills. Able to produce clear, accurate reports aligned with technical, contractual and regulatory frameworks.
- Ability to work collaboratively with internal and external stakeholders, including customers, regulatory bodies, O&M contractors, OEMs, network service providers and partners.
- Intermediate to advanced Excel skills required; familiarity with SQL, Python and Power BI, or similar tools, is a bonus.

Behavioural competencies

- A high level of confidentiality, discretion and judgment.
- Professional conduct and demeanour.
- Positive, can-do attitude

We offer

- Sydney CBD location
- Competitive compensation and performance-based bonus
- Great opportunities for growth within an international and dynamic organisation
- Hybrid/Flexible working environment

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.