

Position title:	Energy Market Analyst
Department:	Operations
Function:	Customer & Energy Markets
Reports to:	Market Operations Manager
Direct reports:	N/A
Location:	Sydney or Melbourne
Document review date:	April 2024

Role overview

Working with a small, but highly experience and capable team of energy market specialists and supported by the broad Operations department and Tilt Renewables' cross-functional teams, the Energy Market Analyst is an important role in driving performance across Tilt Renewable's portfolio of wind, solar and storage assets and developing value-creating subject matter expertise on the National and West Australian Energy Markets.

The candidate will contribute to the development of new products and optimisation of Tilt's contracting and operating strategies including:

- Oversight and analysis of market operations activities.
- Supporting revenue contracting and risk management.
- Ensuring compliance with market regulatory obligations.
- Defining and implementing the spot bidding strategy.
- Maintaining systems and processes for 24/7 operations and oversight.
- Supporting market interface and registration aspects of new development projects; and
- Conducting settlement reconciliations.

Key Accountabilities

The key accountabilities may include (but are not limited to):

- **Managing efficient and optimised 24/7 Operations:** Maintaining generator management systems and processes, to ensure operational compliance with market rules and regulations. Maintaining external services to provide 24/7 oversight and market operator interfaces. Building and maintaining relationships with the Asset Management team, Grid Connections team and external parties (e.g. NSPs and AEMO) to optimise asset performance and provide ad hoc and regular reporting. Supporting data/communications system operations and, on an exceptions basis, respond remotely to incidents at site or on the grid.
- **Supporting revenue certainty by contributing to short- and long-term trading and contracting:** Staying informed about industry trends, global and macro factors influencing Australia's energy transition, key competitor activities. Analysing market price and volume dynamics and sharing insights to inform scenario analysis on alternative contracting and bidding strategies. Developing a strong technical understanding of NEM/WEM dispatch including constraints and negative

prices outcomes. Building networks with 3rd party customers, AEMO, and NSPs to build up market intelligence, leveraging this for new revenue and risk management opportunities. Engaging in financial market trading activities (energy, capacity & environmental products) including meeting and on-boarding new customers. Supporting the build and implementation of bidding strategy for a 100MW/200MWh Battery Energy Storage System.

- **Commercial Optimisation:** Making recommendations for optimisation strategies to increase revenue (or reduce costs), such as avoided transmission costs, reserves, frequency management and loss factors. For each site, liaise with forecasting and bid platform providers to optimise 5-minute forecast for AEMO and participation in FCAS markets, where appropriate. Identifying potential external outages or power system limitations that present opportunity or threats to the Tilt Renewables portfolio. Acting as subject matter expert on AEMO spot market data, including assisting internal stakeholders in understanding and access this data.
- **Support Project Delivery and Operations:** Support design of market interface and metering arrangements for new renewable energy and storage assets. Contribute to registration activities for new assets (preparing registration applications and associated dispatch/operational protocols). Building and implement the market interface systems for new assets.
- **Stay on top of regulatory change and growing compliance obligations:** Assistance in writing submissions to energy market regulatory bodies e.g. AEMC, AEMO, AER and DCEEW etc.. Attending briefings with market participants, associations and regulatory bodies to stay across proposed changes. Maintain registrations/licences obligation compliance registers and drive a strong compliance focus across the Operations department and broader business. Liaising with AEMO and NSPs, support Asset Management team and Grid function to ensure operational compliance with technical standards, investigating and recommending actions non-compliances.
- **Health, safety and environment:** Ensure all company HSE policies are adhered to in own work and liaise with HSE team to ensure non-compliances are appropriately communicated (e.g. to Clean Energy Regulator). Support HSE team in reporting emissions from diesel backups for Scope 1 and 2 emissions and NGERs reporting.
- **Financial management – Revenue settlements:** Ensure all company revenue processes, risk management and financial management policies are adhered to as relevant to role. Conduct revenue settlements reconciliation processes, liaising with internal teams (Asset Management and Finance) and customers including AEMO, PPAs, Clean Energy Regulator and landowners. Further develop and improve systems for settlement calculations and reporting.

Key Relationships

This role will work closely with:

Tilt Renewables stakeholders:

- Customer & Energy Markets, Asset Management & Grid teams within the Operations department
- Operations leadership team
- Finance & Risk and Assurance
- Development and Delivery teams
- Exec: Chief Operating Officer | Revenue Risk Management Committee: including CEO, CFO & COO

External stakeholders:

- Key suppliers including Bidding Platform, Metering, Self-Forecasting Providers and associated technical or regulatory advisers
- Legal and technical consultants needed for contracting processes
- Australian Energy Market Operator (AEMO)
- Regulatory bodies – AEMC, AER, CER and policy setting departments in state/federal government
- Network Services Providers (NSP)
- Customers

Skills and Experience

- Minimum 3 years' experience in energy market operations, trading, settlements, risk and compliance, asset operations or asset management.
- Working knowledge of NEM wholesale spot market operations including bidding (understanding of Western Australian WEM desirable).
- Sound knowledge and understanding of relevant Australian electricity market regulations, compliance requirements and regulators.
- Experience in implementing and maintaining externally contracted software and service delivery.
- Strong skills in Excel (including VBA macros) and database products (SQL and/or PowerBI).

Qualifications

- Minimum graduate level degree in Business/Commerce/Economics/Data Science or Mathematics/Engineering or equivalent
- Training in risk management, compliance or governance within energy markets is desirable
- Full Drivers Licence

Key Competencies and Capabilities

Capabilities	Competencies
<ul style="list-style-type: none"> • Regular domestic travel to other office / asset / site locations • Working in office environment, talking on the phone & participating in meetings – virtual and face-to-face • Occasional work outdoors in potentially harsh conditions • Infrequent travel (flight or long-distance driving) required for remote site visits – 4WD driver training provided 	<ul style="list-style-type: none"> • Attention to detail • Inquisitive and quick learner • Collaboration and teamwork • Customer focus • Drives results • Plans and aligns • Communicates effectively • Ensures accountability, • Acts with integrity, instills trust

About Tilt Renewables

Tilt Renewables aims to be the leading developer, owner and manager of renewable energy generation assets in Australia. With 1.7 GW of operational or in-construction assets (wind, solar and battery striate) and a pipeline of over 5GW we are well positioned to achieve this.

We are proudly Australian with strong brand recognition known for developing and operating, high quality assets in Australia with a long-term owner’s perspective. With a significant pipeline of development opportunities, we have an appetite for growth.

Our approach is to adopt a pragmatic view of the development, asset operation and energy market functions focussed on optimising customer, investor, employee and community outcomes. This requires agile and effective decision making and outstanding execution of opportunities.

Credibility in the eyes of our investment stakeholders as well as strong relationships with our customers, key suppliers, contractors and the communities we operate in are critical to Tilt Renewables’ success. Tilt Renewables has corporate offices in Melbourne and Sydney and a rapidly growing capable team of approximately 120 employees who are able to apply themselves to any issue or opportunity, regardless of functional structure. We are committed to a customer centric renewable energy solution, building on our enviable track-record, experience, and reputation.

Our Vision

Our vision **to drive the transition to renewables through everything we do** focuses on us helping create the world we want to be part of and to look for those opportunities in everything we do.

Our Values

Developed by our team to reflect what matters most to us, our values are simple, unequivocal, and focused on how we generate a difference – for our business, for our people, for our investors and for the communities we work with.

We are People Powered | We Get It Done | We Lead



Our Investors

Tilt Renewables has three key investors:

- Future Fund (40%),
- QIC (40%); and
- AGL (20%)