

POSITION DESCRIPTION

Position details	
Position title	Quantitative Analyst
Team	Monitoring
Group	Legal, Monitoring and Compliance
Location	Wellington
Date	April 2026

Our purpose

We are the kaitiaki of electricity. Our purpose is to enhance New Zealanders' lives, prosperity & environment through electricity.

How we work

The Electricity Authority promotes competition in, reliable supply by, and the efficient operation of, the New Zealand electricity industry for the long-term benefit of consumers.

Our functions describe how we do this. We work to:

- **Promote market development:** To enable New Zealand's electricity markets to deliver better outcomes for consumers, we maintain a responsive regulatory environment that both reflects industry's current state and supports innovation and change. Key tools for market development include market facilitation measures and amending the Code.
- **Monitor, inform and educate:** Transparency and understanding are vital to the operation of the electricity markets. Our market monitoring, information and education work focuses on making data, information and tools available, increasing participation and improving awareness of how electricity markets function.
- **Operate the electricity system and markets:** We are responsible for the day-to-day operation of the electricity system and markets. To achieve this, we contract out some services including the role of system operator, which provides the real-time coordination of sending generated electricity across the national grid to meet demand from consumers.
- **Enforce compliance:** We ensure the Act, regulations made under the Act and the Code are followed by electricity industry participants. Our compliance function also helps improve the industry more generally, as lessons learned support our education of participants and help us to identify and resolve on-going or systemic issues.
- **Protect the interests of consumers:** We are responsible for protecting the interests of domestic and small business consumers in relation to the dealings of industry participants supplying their electricity.

More information can be found on our website www.ea.govt.nz.

Our values

The Electricity Authority has the following values:

Our people

We support the development of each other and work together to achieve our goals.

Boldness

We are decisive, forward thinking and not afraid to do the right thing.

Excellence

We are committed to producing the highest-quality work.

Openness

We are transparent in our work and listen to others.

Integrity

We are honest and trustworthy and treat everyone with fairness and respect.

Our group

The Legal, Monitoring and Compliance Group provides in-house legal services for the Authority through its Legal Team, while the Compliance Team is responsible for monitoring, investigating and enforcing compliance with the Code, the Electricity Industry Act and various regulations. The two Monitoring teams analyse market activity and provide support to various areas. The role of monitoring is to analyse data and undertake modelling and simulations to measure and assess competition, reliability and efficiency in the sector. Our main work involves investigating security or market events, evaluating past regulatory change, providing technical assistance to other Authority groups, and creating real time monitoring tools to help us keep abreast of market conditions.

Purpose of this position

To develop high quality advice on events in the electricity market.

This work may be initiated by you, your manager, the General Manager of the Legal, Monitoring and Compliance Group, the Chief Executive or the Board.

Working relationships

Reports to	Manager Market Monitoring
Direct reports	Nil
Internal relationships	<ul style="list-style-type: none">All of Authority staff
External relationships	<ul style="list-style-type: none">Industry stakeholdersIndustry service providersGovernment

Key accountabilities and deliverables

The key accountabilities listed below are not intended to be a complete or limiting description of the role and certain duties may change from time to time.

Quantitative Analyst Duties

- Undertake research and carry out quantitative analysis and produce written reports and presentations on key market issues in the New Zealand electricity sector.
- Use your skills to contribute to different projects at the Authority, including compliance investigations, regulatory development and outreach to consumers.
- Develop an understanding of New Zealand's electricity markets and be able to explain events that happen in these markets.
- Produce quality, timely, robust advice based on evidence and be transparent about the assumptions and limitations of your analysis.

Relationship and Stakeholder Management

- Connects with others by listening and reading people and situations to communicate tactfully.
- Strengthens business performance and lead innovatively to foster continuous improvement at the Authority.
- Participates as an active team member and contributes knowledge and expertise to achieve Authority outcomes.
- Develops effective working relationships with Authority staff.

Workflow Management

- Actively and independently plan and manage own projects and workload, with guidance from the Manager – Monitoring.

Experience and Knowledge

- Relevant qualification in statistics, mathematics, economics or other quantitative discipline.
- Experience in applying your quantitative skills to answering questions.
- The ability to do and interpret quantitative analysis; experience in SQL, R, or Python an advantage
- Excellent written and verbal communication skills, including the ability to understand technical issues and translate these into plain English
- The willingness and ability to learn about the industry, and use of different data analysis and programming tools

Behaviours specifications

To be successful in this role you will have:

- The ability to do and interpret quantitative analysis; experience in SQL, R, or Python an advantage
- Excellent written and verbal communication skills, including the ability to understand technical issues and translate these into plain English
- The willingness and ability to learn about the industry, and use of different data analysis and programming tools
- Thinks analytically and critically while mitigating analytical and decision making biases
- Displays curiosity, flexibility and openness in integrating ideas, information and differing perspectives

