

ENERGY MODELLING ANALYST (POWER, GAS, AND RENEWABLE ENERGY) (SINGAPORE BASED)

THE LANTAU GROUP (TLG)

The Lantau Group is a leading strategy and economics consultancy with a focus on the Asia Pacific energy industry and the accelerating energy transition in general. We provide expert advice to a diverse portfolio of clients across the region, including governments, regulatory bodies, leading multinationals, utilities and independent power producers, renewable energy developers and portfolio owners/operators, and many stakeholders across the rapidly evolving energy space.

With ten offices across two continents—and additional advisors located globally—The Lantau Group brings deep international experience and insight to every engagement. Drawing from diverse backgrounds in economics, finance, quantitative and research disciplines, and general business strategy, our consultants have a range of complementary skills that allow us to develop innovative solutions for our clients. We pride ourselves on our flat structure and the ability of our analysts and consultants to work closely with staff across in executing engagements across the region.

Our team is diverse, but all share outstanding writing, analytical, and quantitative skills, in addition to a deep interest in the energy transition, including rigorously applying economics and analytic thinking to important energy-related challenges.

Examples of our work includes electricity market forecasting for long-term strategy planning for energy conglomerates/MNCs, development of commercialisation models for solar-battery storage solutions, offshore wind policy frameworks for government agencies, renewable energy procurement for large tech companies, and buy-side/sell-side transaction advisory for buying/selling of energy generation assets (e.g. gas, coal, renewables, etc)

WHAT WE SEEK

We are looking for candidates with a strong interest in the energy sector—particularly the electricity market in Asia—who possess exceptional analytical and problem-solving skills, a keen attention to detail, and the ability to communicate clearly and effectively in both written and spoken English.

This role focuses on electricity market modelling and analysis, supporting our work through the development and implementation of analytical and modelling tools, analysis of historical data, and generation of insights and forecasts on future trends. The role also involves collaborating closely with consulting teams to communicate findings and deliver impactful insights to our clients.

The ideal candidate thrives in both independent and collaborative settings, demonstrates initiative, enjoys tackling complex challenges, and is driven to see projects through to completion.

At TLG, you will be working with highly experienced power and energy professionals on diversified and complex engagements. As you grow within the firm, you'll have the opportunity to present your insights directly to clients—many of whom are industry leaders across the Asia Pacific region.

We welcome applications from highly-motivated young professionals—including recent graduates—interested in developing a career in consulting and with an interest in the Asia-Pacific energy sector. Working at TLG means a great variety of work and client exposure at an early stage, and high performers can expect rapid advancement to positions of greater responsibility.

We offer a competitive remuneration package with comprehensive medical insurance.

KEY RESPONSIBILITIES

- Operate TLG's in-house quantitative models to analyse regional electricity markets (training will be provided). The analytical tools are developed and managed by TLG's data analytics team.
- Assist project manager/consultants in developing, maintaining, and enhancing quantitative models of electricity and energy markets to support forecasting, scenario analysis, and policy evaluation.
- Analyse market data, including generation, demand, pricing, and fuel trends, to identify key drivers and emerging patterns.
- Translate complex modelling results into clear, actionable insights for clients, supporting strategic and policy recommendations.
- Prepare and present technical findings, visualisations, and reports to internal and external stakeholders.
- Work closely with consultants and project managers to integrate modelling outcomes into broader analytical and advisory deliverables.
- Initial work will focus on the Philippine electricity market—one of the fastest-growing renewable energy markets in the region—with opportunities to expand coverage to other markets as the candidate develops in the role.

REQUIREMENTS

- A passion for understanding the complex and constantly evolving energy sector as it rapidly undergoes an extraordinary transition and transformation.

- A bachelor's degree or higher in economics, finance, engineering, natural sciences, or another quantitative discipline, with strong academic results and a track record of extracurricular involvement. GPA above 3.3 (out of 4.0) or Upper Second 2:1 degree classification or equivalent is preferred.
- Proficiency in Python, R, or MATLAB/GNU Octave for data analysis and model development. Familiarity with optimisation tools (e.g., GAMS, Pyomo) a plus.
- Experience working with datasets such as generation, demand, fuel prices, or policy/regulatory information.
- One to four years of experience in energy market analysis, power system modelling, or related analytical roles — ideally within a consulting, research, or utility environment; recent graduates are also encouraged to apply.
- Proficiency in an additional ASEAN language (non-English) is a plus

To be considered for this role, please email CV and expected salary to careers@lantaugroup.com, with “Energy Modelling Analyst (SG) Application” in the email subject.