



## RE- ADVERTISEMENT

### THE ASEAN CENTRE FOR ENERGY (ACE) INVITES ASEAN NATIONALS TO APPLY FOR THE FOLLOWING VACANCY

#### SENIOR ENERGY MODELLER – DEMAND SIDE

##### **BACKGROUND**

The ASEAN Centre for Energy (ACE) is an intergovernmental organisation that independently represents the 10 ASEAN Member States' (AMS) interests in the energy sector. The Centre serves as a catalyst for the economic growth and integration of the ASEAN region by initiating and facilitating multilateral collaborations as well as joint and collective activities on energy. It is guided by a Governing Council composed of Senior Officials on Energy from each AMS and a representative from the ASEAN Secretariat as an ex-officio member. Hosted by the Ministry of Energy and Mineral Resources of Indonesia, ACE office is located in Jakarta.

Part of the efforts to fulfil ACE's function as a regional centre of excellence that builds a coherent, coordinated, focused and robust energy policy agenda and strategy for ASEAN, the Energy Efficiency and Conservation Department responsible for managing on energy efficiency and conservation-related programmes, research, and study projects to support the implementation of ASEAN Plan of Action for Energy Cooperation (APAEC).

The APAEC is a guiding policy document to advance multilateral energy cooperation and integration towards achieving the goals of ASEAN Economic Community. The strategies of APAEC 2016-2025 Phase II: 2021-2025 is driven by the overall theme of "Enhancing Energy Connectivity and Market Integration in ASEAN to Achieve Energy Security, Accessibility, Affordability and Sustainability for All" and sub-theme "Accelerating Energy Transition and Strengthening Energy Resilience through Greater Innovation and Cooperation". The APAEC consists of seven (7) Programme Areas, including Energy Efficiency and Conservation, which aiming to achieve 32% energy intensity reduction by 2025 based on 2005 levels by promoting energy efficiency and conservation measures in building, industry, and transport.

To execute these initiatives effectively, ACE is seeking **one (1) Senior Energy Modeller – Demand Side**.



## **POSITION IDENTIFICATIONS**

Job Title : Senior Energy Modeller – Demand-Side  
Job Level : Senior Officer  
Department : Energy Modelling and Policy Planning Department.  
Reporting To : Head of Energy Modelling and Policy Planning Department

## **DUTIES AND RESPONSIBILITIES**

Under the guidance of the Head of Energy Modelling and Policy Planning Department, the Senior Energy Modeller – Demand Side will be responsible for the following duties:

- Lead demand-side data collection, modelling work, and analysis as part of the ASEAN Energy Outlook.
- Lead energy modelling work and analysis of energy efficiency and conservation thematic reports.
- Lead the development of energy efficiency databases and facilitate investment for energy efficiency and conservation projects in ASEAN.
- Lead research and analysis on policies and regulations related to decarbonisation of end-use sectors, including building, industry, and transport, and provide policy recommendations and a roadmap towards net zero.
- Develop reports, articles, case studies, and research related to energy efficiency and conservation and decarbonisation of end-use in Southeast Asia.
- Coordinate collaboration opportunities with AMS and external partners and represent ACE in various meetings with Dialogue Partners, Intergovernmental Organisations, etc.
- Coordinate and communicate closely with ACE internal pillars and departments.
- Carry out another task/s that may be assigned to him/her by the Executive Director.

## **QUALIFICATIONS**

- A Master's degree in engineering, energy management, energy policy and planning, climate & sustainability, data analysis/statistics, or a related discipline. A Doctor's degree is an advantage.
- At least five (5) years of experience in energy modelling, analysis, and implementing energy-efficient and low-carbon technologies and systems in end-use sector and advising on energy policies, particularly related to energy efficiency and sustainability.
- Extensive experience with energy modelling software (e.g., LEAP/NEMO, eQUEST, EnergyPlus, EDGE), spreadsheet software (e.g., Microsoft Excel), including scripting with Python or VBA.
- Understanding of energy codes and standards (e.g., IECC, ASHRAE 90.1, LEED, ENERGY STAR) as well as understanding in sustainable practices and standards.
- Familiarity with energy system modelling and quantitative analysis, including energy demand forecasting, energy supply planning, and energy policy analysis.
- Experience or involvement in the ASEAN energy sector or projects, especially in the topics of energy efficiency in building, is a plus.



- Experience in managing energy modelling projects from inception to completion.

### **PERSONAL COMPETENCY**

- Strong teamwork skills with an action-oriented, problem-solving, analytical, and creative thinking approach.
- Ability to work accurately, pay attention to detail, meet deadlines, and efficiently organize work while handling a variety of tasks simultaneously.
- Excellent interpersonal attributes, including sensitivity, sound judgment, and strong organizational and leadership capabilities. Able to work effectively in a multicultural environment.
- Promote an open reporting culture that is transparent, compliant, and embodies integrity.
- Excellent command of written and spoken English.

### **REMUNERATION AND BENEFITS:**

The successful candidate will be stationed in Jakarta, Indonesia and will be offered a one-year contract, with a probationary period of three (3) months. The contract may be extended annually by the Executive Director depending on performance.

The monthly salary ranged from **USD 1.760 – USD 2.992**. The compensation shall be commensurate with the educational qualification and experience of the candidate. All other applicable benefits (Housing allowance, 13<sup>th</sup> salary, gratuity, communication allowance, health, and life insurance, etc.) shall be subject to the ACE consolidated rules and regulations.

The successful candidate is expected to be on board by the end of August or earlier.

### **HOW TO APPLY**

Read more information at <https://aseanenergy.org/vacancies/> and click “Apply Now” or directly submit at <https://www.ace.aseanenergy.org/employment-application-form> by **20 July 2025** at the latest.

The Selection Committee’s decision is final, and only shortlisted candidates will be notified.