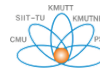# WE ARE HIRING!

JGSEE — King Mongkut's University of Technology Thonburi

PROJECT

Thai-German Cooperation on Energy, Mobility and Climate (TGC-EMC)

OPEN POSITION

Expert

CALL FOR INTEREST (Qualifications)

Develop and maintain LEAP-based electricity demand and supply models to support long-term energy planning and scenario analysis by forecasting sectoral electricity demand and evaluating generation capacity, renewable integration, and emissions under policy-driven scenarios, while analyzing data, interpreting results, and communicating evidence-based recommendations to policymakers and key stakeholders.

Key Responsibilities

1. Baseline assessment of RE electricity generation by type
2. Baseline assessment of electricity consumption by sector
3. Development of AI models for annual forecasting demand, RE energy generation, and other related technologies (e.g., energy storage, small modular reactor (SMR), hydrogen, etc.) trajectories.
4. Integration of datasets and scenario creation in LEAP
5. RE generation optimization (Cost investment and GHG emissions)

We are looking for a candidate who preferably possesses (the equivalent of):

- **Thai nationality only**
- **Doctorate Degree**
- **Independent, proactive, and team-oriented working style**
- **Interest and ability to work in a cross-cultural context and team**
- **This will be a 12-month contract, starting as soon as possible with the possibility of extensions**

APPLY NOW

Please carefully read the ad and submit a CV and a cover letter in English to ananyaporn.ngo@mail.kmutt.ac.th

CC: admin.tgcemc@kmutt.ac.th, mongkol.kon@kmutt.ac.th, konghirun.1@gmail.com