

IESR Vacancy

Energy Efficiency and Conservation Analyst

Background

Institute for Essential Services Reform (IESR), a think tank in energy and environment, aims to transform Indonesia's energy sector to reach net-zero emissions by 2050. The Energy Efficiency and Conservation Analyst will be responsible for conducting analysis on demand-side energy efficiency and conservation measures applicable to buildings, including commercial, residential, public, and government, whilst generating knowledge products that are relevant to the challenges of Indonesia's energy transition. The results of the analyst's work will be communicated to relevant stakeholders as part of the IESR's advocacy for the energy transition in Indonesia.

About the Position

IESR is looking for an Energy Efficiency and Conservation Analyst. The person in this position will be part of the IESR's Energy Demand Management (EDM) Research Cluster Group and will contribute to the evidence-building and advocacy process of IESR. The person is responsible in conducting an in-dept analysis on the topic of energy efficiency and conservation in buildings to support various research projects, including the development of Indonesia's energy system model and sustainable urban energy.

IESR is seeking a highly motivated, experienced, and qualified candidate to join our dynamic team.

A. Responsibilities and Tasks

The responsibilities of the Energy Efficiency and Conservation Analyst shall include, but not limited to, the following:

- Track emerging technologies or approaches related to energy efficiency and conservation for buildings application,

- Participate in research projects involving (not limited to) buildings energy consumption monitoring and optimization, calculation of Energy Use Intensity (EUI) in buildings, and analysis on building integrated renewable energy systems,
- Identify potential improvement from existing policies, e.g. Minimum Energy Performance Standards (MEPS) for electricity appliances and energy consumption standards for buildings,
- Contribute to the writing and/or production of related knowledge products (i.e. research reports, policy briefs, webtools, infographics, slide decks, etc.)

B. Qualifications, competencies and experience

- Minimum Bachelor's in the field of engineering physics, mechanical engineering, architecture or other relevant discipline from reputable universities with 2 years experience. Master's degree or above is preferable
- Minimum 2 years of working experience in buildings energy management and energy economics
- Experience in the modelling of energy demand in buildings is a plus
- Excellent understanding of climate, energy, and environmental issues
- Understanding on HVAC (Heating, Ventilation, Air Conditioning), efficient lighting, smart home technology, and behavioral changes is a plus
- Experience in managing and analyzing datasets of energy statistics
- Proficiency in using Microsoft Office software, especially Excel (including macros and pivot tables); programming skill will be an advantage
- Excellent written and oral knowledge of Bahasa Indonesia and English, including the ability to write a report/technical/briefing/policy paper
- Ability to work in an intercultural environment
- Willingness to learn and adaptability for new and relevant knowledge
- Excellent time-management skills

C. Duration

The position is for three years contract and can be extended with 3 months' probation. Expected starting date is January 2025.

D. Salary

The salary will be commensurate with the candidate's qualifications and experience.

E. How to apply

- Candidate to download application from IESR's website.
- Send the completed application form together with an application letter and latest CV, recommendation letter to hrd@iesr.or.id before **31th December 2024**
- Only qualified candidate will be called for interviews.