

## **SENIOR RESEARCHER – TRANSPORT AND PUBLIC UTILITIES**

AEEE is looking for a Senior Researcher - Transport and Public Utilities to join its Urban Infrastructure Program. This program targets transport fuel efficiency and efficiency in public utilities, and aims to make a positive mark on GoI's ambitious programmes on electric vehicles, vehicle standards & labelling, smart cities and 'Power for All'.

We are looking for an enthusiastic team-player, who has an excellent track record in energy efficiency and transport projects, and possesses the ability to identify and pursue opportunities for advancing Energy Efficiency in Transport and Public Utilities, to join our team.

**LOCATION:** New Delhi, India

**NATURE OF COMMITMENT:** Full-Time

### **PRINCIPLE AREAS OF WORK FOR THIS ROLE**

- Vehicle Fuel Efficiency and Emissions
- Transportation infrastructure – electrification, planning & design, multi-modal transport
- Public utilities - electricity, water, sewerage
- Energy Efficiency / Energy Performance Indices for States, Cities

### **ABOUT US:**

AEEE is a pivotal organisation for positioning energy efficiency as a critical resource in India through policy advocacy and market enablement. As a not-for-profit and neutral entity, AEEE serves as a convening platform for thought-leaders, policy-makers, and industry stakeholders to collaboratively design and implement impactful market transformation strategies. AEEE's vision is to support India's transformation into an energy efficient economy. We are a diverse and energetic team, with a lean organisational structure, and a culture where creativity and innovative thinking is valued.

Over the past year AEEE has initiated policy research in transport and urban infrastructure, with a goal to analyse and advocate for stronger collaboration between government and market actions for energy efficiency in these high-carbon sectors. Our ongoing projects are:

- **Green Vehicle Rating for 2-wheelers & 3-wheelers**, which aims to rate the environmental and energy impacts of top selling models in India, with an easy-to-understand rating for consumers, taking into account fuel efficiency and emissions.
- **State Energy Efficiency Index**, to assess State Energy Efficiency initiatives and track progress towards managing the States' and India's energy footprint; using qualitative and

quantitative data indicators for EE in buildings, industry, transport, municipalities, agriculture and electricity distribution companies.

- **Utility DSM Newsletters**, to highlight trends, technologies and policies in Demand Side Management and Demand Response

**YOUR ROLE:**

- Conduct research and analysis of the transportation sector with a lens of energy efficiency and its impacts on climate, energy security and public goods such as health
- Assess the impacts of various technologies and policies in improving vehicle fuel efficiency and reducing vehicle emissions; impact of transportation modes, planning and infrastructure on reducing energy consumption and emissions
- Conduct research and analysis with regard to energy efficiency in public utilities
- Prepare reports, technical & policy briefs, presentations
- Engage with government officials, sector experts to raise the profile of energy efficiency and position AEEE as a key organisation in the sector
- Present papers at conferences and publish articles in peer reviewed journals
- Mentor junior team members and help grow the team

**QUALIFICATIONS:**

Required

- A Master's degree in Science, Engineering, Urban Planning, Economics or Public Policy, or a related topic from a reputed institute in India or abroad; 6-8 years' experience at the nexus of energy and transport policy or an equivalent of work experience and education; a PhD degree in a related field would be a definite plus
- Excellent research and analytical skills; preferably, experience in econometrics and statistics
- Excellent communication skills in English, both spoken and written, to compellingly advocate the analysis to diverse audiences
- Strong interpersonal and collaboration skills, with the ability to work with stakeholders in the private sector, government and civil society organisations
- Solid knowledge of the transport and energy policy and regulatory landscape in India
- Proficiency in using MS Excel, SPSS and/or other tools for data analysis and visualisation; GIS skills would be a plus
- Ability to work in a fast paced work environment

Additional qualifications would be a plus

- Work experience in energy efficiency/resource efficiency in public utilities, preferably in electric utilities
- Experience in upcoming domains such as energy storage, electric vehicles

**WHAT WORKING AT AEEE MEANS FOR YOU:**

- Be an active change-agent making contributions towards India's energy future as well as global climate change mitigation
- Enrich your network in the energy industry leveraging AEEE's deep-rooted associations with leading national and international entities
- Stretch your boundaries in a work-culture that encourages independent thinking and innovative ideas
- And last but not the least, build lasting professional connections

If this sounds like you, we'd love to hear from you! Please write to us at [vinod@aeee.in](mailto:vinod@aeee.in) sharing your resume and a 1-page note about your professional interests.