

JOB DESCRIPTION

Principal Research Associate - Measurement & Verification(M&V)

ALLIANCE FOR AN ENERGY EFFICIENT ECONOMY

The Alliance for an Energy Efficient Economy (AEEE) supports policy implementation and enables the energy efficiency market with a not-for-profit motive. AEEE promotes energy efficiency as a resource and collaborates with industry and government to transform the market for energy-efficient products and services, thereby contributing toward meeting India's goals on energy security, clean energy, and climate change.

"Your Career. India's Energy and Decarbonisation Future."

At AEEE, you don't just build a career—you build a legacy, contributing to India's energy transition and climate resilience. We are a movement for energy efficiency, proud to contribute to nation-building, climate resilience, and sustainable growth.

PURPOSE OF THE ROLE

Alliance for an Energy Efficient Economy is looking for a talented Measurement & Verification (M&V) Professional to join our team focused on improving building energy efficiency. The ideal candidate should have a solid understanding of energy systems, data analysis, and M&V protocols. This role will include evaluating energy performance, verifying savings from energy efficiency initiatives, and assisting our clients in reaching their sustainability objectives.

ROLE POSITIONING

Designation(s)	Principal Research Associate (PRA)
Function (Job function)	Decarbonisation Catalysts (DC)
Reporting Matrix	Program Lead (DC)
Location (City name)	New Delhi, India
Employment type	Full-Time

RESPONSIBILITIES

KEY RESPONSIBILITIES AREAS:

1. **Measurement & Verification:**
 - a. Conduct M&V activities for energy efficiency projects following established protocols (e.g., IPMVP).
 - b. Review M&V plans and methodologies tailored to specific projects.
 - c. Analyze and interpret data to quantify energy savings and identify discrepancies.
2. **Data Analysis:**
 - a. Utilize statistical and analytical methods to assess

- energy consumption and performance trends.
- b. Prepare detailed reports and presentations summarizing findings, methodologies, and savings.
- c. Provide technical guidance on measurement techniques and tools.

3. **Client Engagement:**

- a. Communicate findings and insights to clients.
- b. Support clients in understanding M&V processes and results.

4. **Continuous Improvement:**

- a. Stay updated on industry best practices, technologies, and regulatory requirements related to energy efficiency and M&V.
- b. Contribute to the development of internal tools and processes to enhance M&V practices.
- c. Proven proficiency with Power Query and Power BI, Tableau including DAX and M-language for ETL automation.

KEY PERFORMANCE INDICATORS

GENERAL

At AEEE, we think together, build together, and grow together, fostering collaboration across boundaries. You will work side-by-side with engineers, economists, architects, data scientists, and policy experts. We encourage experimentation and ideation to solve complex problems.

- Exceptional written and verbal communication skills in English, with the ability to convey complex information clearly to both technical and non-technical audiences.
- Strong visualization and presentation abilities, with proficiency in creating impactful reports and presentations.
- High level of proficiency in spreadsheets, databases, word processing, and presentation software, with strong data analysis and visualization capabilities.
- Analytical and detail-oriented mindset, capable of identifying data anomalies and ensuring high data quality.
- Demonstrated ability to take initiative, work proactively, and maintain a strong delivery-oriented approach.
- Quick learner with a commitment to continuous improvement and adaptability in dynamic environments.
- Excellent interpersonal, networking, and stakeholder management skills, with proven experience coordinating multiple partners and managing complex projects simultaneously.
- Strong leadership qualities with experience in mentoring, guiding, and managing teams effectively.

REQUIRED EDUCATIONAL QUALIFICATION & RELEVANT EXPERIENCE



- Postgraduate degree in Mechanical, Electrical, or Energy Engineering from a reputed institution in India or abroad.
- Additional qualifications or certifications in Data Science will be an added advantage.
- Minimum 8 years of relevant experience in national/international institutions, companies, or government agencies, with a proven track record in building energy efficiency and Measurement & Verification (M&V) for ESCO-led projects.
- Strong understanding of building energy efficiency, energy efficiency technologies and concepts, IPMVP, ESCO frameworks, policies, and M&V methodologies and protocols.
- Familiarity with data analytics, emerging technologies, research, and innovation in the energy domain.
- Proficiency in energy modelling and data analysis tools (e.g., advanced Excel, etc.).
- Certification as a BEE Certified Energy Manager or Auditor will be highly desirable.
- Possession of PMVA or CMVP certification will be preferred.

WORKING AT ALLIANCE FOR AN ENERGY EFFICIENT ECONOMY

WHAT AEEE OFFERS YOU

This is an exciting time to join a growing AEEE team and join us at our LEED Platinum certified office in New Delhi. AEEE advocates for data driven and evidence-based energy efficiency policies that will unleash innovation and entrepreneurship within the country to create an energy-efficient economy. We hold **Respect** for all, **Integrity** at all times, **Synergy** within AEEE and **Excellence** at work (**RISE**) as our core values and central to building a culture that is unique to us. We provide a dynamic and progressive environment with opportunities to grow both professionally and personally while contributing to the country's progress. We have a start-up mindset and offer a friendly team environment with the opportunity to work on highly successful and dynamic portfolio of programs where your performance and contributions to the growth of AEEE is the ticket to your professional excellence. We have a strong commitment to our people and strive to live by our values as we listen, learn and provide equal opportunities to young and experienced staffers, and to technical, support function, and individual contributors.

HOW TO APPLY

If you are confident that you meet the above criteria and are excited to be part of the dynamic team at AEEE, we would love to hear from you! To apply for this position, serious candidates are encouraged to complete the following assessment:

<https://app.testgorilla.com/s/z5du0w2c>



To learn more about AEEE and our work, please visit: www.aeee.in
Please note that only shortlisted candidates will be contacted. We sincerely appreciate your interest in joining us.

