Role Profile: Senior Programme Lead – Power Utility, eMobility and Modeling

About Alliance for an Energy Efficient Economy:

Alliance for an Energy Efficient Economy (AEEE) is a policy advocacy and energy efficiency market enabler with a not-for-profit motive. AEEE advocates energy efficiency as a resource and collaborates with industry and government to transform the market for energy-efficient products and services, thereby contributing towards meeting India’s goals on energy security, clean energy and climate change. AEEE collaborates with diverse stakeholders such as policymakers, government officials, business and industry, consumers, researchers, and civil society organizations. We believe that our work speaks for itself and we hold Respect, Integrity and Synergy as central to our efforts.

Purpose of the role

AEEE is looking for a self-motivated, positive and passionate professional with a problem-solving and growth mindset for the position of Senior Programme Lead – Power Utility, eMobility and Modeling. The ideal candidate would be a technical expert who would join our team to further enhance AEEE’s growing technical acumen and expertise in the field of Power Utility, eMobility and Modeling and by working closely with the other verticals of AEEE (Buildings and Communities, Industrial Energy Efficiency and Energy Data Analytics and State and Local Actions).

Details of the role

<table>
<thead>
<tr>
<th>Designation</th>
<th>Function (Job function)</th>
<th>Reporting Matrix</th>
<th>Location (City name)</th>
<th>Employment type</th>
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<tbody>
<tr>
<td>Senior Programme Lead – Power Utility, eMobility and Modeling</td>
<td>Research/Technical Leader</td>
<td>Executive Director and President</td>
<td>New Delhi, India</td>
<td>Full-Time</td>
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<td>Job Family (Specific sub-function)</td>
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<td>Power Utility, eMobility and Modeling</td>
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Responsibilities:

1. Lead the Power Utilities, eMobility and Modeling team to establish AEEE as the leading organisation working to promote Energy Efficiency as a Resource by seeking synergy with Distributed Energy Resources, Smart Grid Technologies, Electric Vehicle Charging Infrastructure, Smart Energy Meters, Energy Storage, Demand Side Management and Demand Response.

2. Build on existing strengths by developing new concepts on advisory and capacity building to uniquely position AEEE in the following areas:
   a. Utility transformation (Future utilities) and Integrated Resource Planning for utilities through DER interventions.
   b. Uni-directional and Bi-directional interaction of Electric Vehicles with Power Grid.
   c. Interlinkages between behind the meter intervention and grid side impacts.
   d. Analysis, Planning, Design and Implementation of DSM and DR programs.
   e. Load forecasting for utilities based on bottom-up approach of end-use demand analysis.

3. Build collaborations with research institutes / academia / think tanks / private sector for partnerships in research and consulting assignments on above topics

MODELING

1. Establish and build the energy modeling team at AEEE in order to deepen and broaden the impact of AEEE research
2. Induct energy modeling tools (licensed and freely available) and develop analytical approaches for technical and economic analysis and co-benefits analysis in the related areas.
3. Collaborate internally to incorporate modeling-based analysis in existing and future assignments related to energy efficiency/demand side management/distributed energy resources.
4. Enhance the use of advanced modeling-based data analytics and infographic in AEEE deliverables and publications

TEAM LEADING AND BUILDING
1. Provide strategic inputs for the growth and visibility of the organization.
2. Generate new concepts aligned with AEEE’s vision to build offerings based on interlinkages between behind and front of the meter and evaluating/quantifying grid side impacts.
3. Lead proposal writing for IFIs and Philanthropies on related topics.
4. Lead the delivery of assignments in related areas.
5. Assist in talent recognition, recruitment and retention and mentor/build a team of mid-level and junior resources.
6. Engage with government ministries and departments both at the national and state level.
7. Publish and present research findings and knowledge content in the form of reports, articles, policy briefs and peer reviewed papers.

Key Result Areas

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<tr>
<th>Fund Raising</th>
<th>Develop core or multi-year technical/ research proposals to raise programmatic funding for your team in consultation with and with inputs from your supervisor and the ED</th>
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<tbody>
<tr>
<td>Project Management</td>
<td>Effectively manage all projects within the vertical (scope, quality, schedule, cost), working with the project team, other internal teams, and coordinating with funders, government officials and other external stakeholders.</td>
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<td>Domain Expertise</td>
<td>Work towards being recognized as a credible and trusted expert in your domain by funders, government and peers in the industry and civil society.</td>
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<td>Team Management and Development</td>
<td>Build an outstanding and highly productive team to deliver projects on time and with excellent content; support and mentor the team; support individual career growth; control attrition within the team.</td>
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<td>Culture of Collaboration</td>
<td>Lead and foster a culture of collaboration, support and transparency with other internal project teams and departments (Finance, HR &amp; Admin, Marketing &amp; Communications, Principal Advisor); Ensure that the team works closely with internal stakeholders, follows the systems and processes and the values of AEEE</td>
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<tr>
<td>Raising AEEE’s Profile</td>
<td>Raise AEEE’s profile and influence by amplifying the impact of AEEE’s work for external stakeholders through AEEE’s communication channels, articles in news media and industry.</td>
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<tr>
<td>Collaborative Funding</td>
<td>Collaborate with other program teams for proposal development and fund raising</td>
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**Academic qualifications and experience required for the role**

- Post graduate degree in Science/Engineering/Management. Degree in the related field of power/renewable/energy efficiency/climate change is preferable.
- 15+ years of professional experience in the related field of power/renewable/energy efficiency/climate change/distributed energy resources in research or consulting domain.
- Demonstrated leadership through sustained expansion of responsibilities over time.
- Track record of developing and implementing strategy and building and leading high performance teams and delivering robust contribution to the realization of organization’s strategic goals.
- Well-established network and professional credibility within industry, government, philanthropy and climate change sector.
10+ years of experience related to energy modeling and simulation for power/renewable/energy efficiency (site/system level modeling).
5+ years of leadership experience where the candidate has managed assignments, team and P&L.

Experience in business development including, generation of leads, proposal writing, budgeting, partnerships, and presentations to prospective clients.
A strong track record and experience of working with Government and Utilities (central and state level), IFIs, NGOs and Foundations.

Desirable Relevant Experience

Experience in the field of market analysis, policy advisory, and strategy is desirable.
Experience of assisting clients on energy plan/energy efficiency plan/business plan is desirable.
Experience of working with government bodies (Central and State level). Strong relationships and recall with mid/senior officials in the Government will be a plus.
Prior experience of working on interdisciplinary subject of energy climate and natural resources will be an advantage.
In-depth understanding of both the technical aspects of power utilities and policy landscape including central and state regulatory frameworks for India utilities.
Deep understanding and experience of end-use load characteristics, utility tariffs and the potential for developing ancillary services to support an efficient Utility operation by fully utilizing and optimizing demand side interventions.

What AEEE Offers You

This an exciting time to join a growing AEEE team 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 meet the criteria listed above and would like to be part of the dynamic AEEE team, we would love to hear from you. Interested candidates are requested to send their Cover Letter and CV (no more than two pages and addressing how your experience would satisfy the requirements and the KRAs listed in the job description) with the subject line Senior Programme Lead – Power Utility, eMobility and Modeling to jobs@aeee.in