

VACANCY ANNOUNCEMENT

Reference #	057/05/2026/EA/RE/New Delhi
Project	Achieve India 's RE Target' s
Position	Energy Advisor (2 positions)
Band	4
Location	New Delhi

To apply click on the link: <https://www.giz-jobs.com/india/>

Documents to be submitted:

- CV and a statement of suitability for this position
- A maximum of 2 pages note on any one of the topics given below:
 - India is targeting 500 GW of non-fossil capacity by 2030, with a high share of variable Renewable energy (solar and wind).

Describe how you would design a state-level or national strategy for integrating 300+ GW of variable RE into the grid while ensuring reliability and cost-effectiveness.

Or

- Despite ambitious targets, renewable energy deployment in India faces challenges such as land constraints, DISCOM financial stress, and delays in transmission infrastructure.

Propose a set of 3–5 priority policy and regulatory interventions that could significantly accelerate progress toward the 500 GW target.

Avoid generic or AI-generated responses

Last Date of Application: 20th May 2026

A. About GIZ India

For details, click on: <https://www.giz.de/en/worldwide/368.html>

B. Project Background

Under the Indo-German Energy Programme (IGEN), the project "**Achieving India's Renewable Energy Targets**" aims to strengthen the technical, regulatory, and human resource capacities of key public and private stakeholders to support India's ambitious goal of achieving 500 GW of renewable energy capacity. The Ministry of New and Renewable Energy (MNRE) serves as the political partner on the Indian side, while the project is commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ).

The project focuses on enhancing cooperation and coordination among critical institutions such as the Central Electricity Authority (CEA), state energy departments, distribution system operators (DISCOMs), as well as research institutions, industry stakeholders, and skilling organizations.

Key areas of intervention include:

- Supporting solar and wind energy expansion efforts at the state and local levels.
- Advancing the vertical integration of domestic PV module manufacturing.
- Accelerating rooftop solar deployment.

- Strengthening technical capacities for nearshore, offshore, and repowering of wind energy assets.
- Promoting gender equity in the renewable energy sector in line with the Government of India's Mission Shakti program.
- Strengthening applied research capacities to foster innovation and stronger links between academia and industry within the renewable energy ecosystem.

The project operates within a conducive economic and regulatory environment that continues to support local manufacturing, renewable energy deployment, and institutional capacity development at both national and subnational levels.

C. Responsibilities

- Coordinating and communication with partners; ensuring flow of information with the project partners, and within the project is maintained.
- Plan and prepare tender packages for service providers to be contracted, Handling tasks related to S4GIZ (terms of reference, budget, process support for procurement of external services, liaison with consultants and quality assurance of services) and oversee implementation of services.
- Planning, coordination, and execution of workshops, trainings, study trips or conferences with a special focus on promotion of 500GW non-fossil capacity target of India.

D. Core scope of tasks

The Technical Expert will provide strategic and technical leadership to support the achievement of a 500 GW renewable energy target. The role requires deep expertise in large-scale renewable deployment, grid integration, system planning, and sector transformation. The expert will work closely with government institutions, utilities, regulators, and private sector stakeholders to enable accelerated, reliable, and cost-effective RE expansion.

Strategic Planning & Roadmap Development

- Lead development and refinement of long-term pathways to achieve the 500 GW RE target.
- Assess optimal technology mix (solar, wind, offshore wind, hybrids, storage, support transmission planning and integrated resource planning/ least-cost expansion modelling).

Large-Scale RE Deployment Support

- Provide technical oversight for utility-scale renewable energy project pipelines.
- Review and guide preparation of DPRs, feasibility studies, and tender designs.
- Identify and address systemic bottlenecks (land, permitting, transmission readiness, supply chain).

Grid Integration & Power System Transformation

- Advise on high-RE grid operation, including flexibility, balancing, and ancillary services.
- Support transmission expansion planning (e.g., green corridors, interstate connectivity).
- Promote integration of storage (battery, pumped hydro) and emerging solutions.

Policy, Regulatory & Market Design

- Provide technical inputs for national/state policies enabling large-scale RE deployment.
- Support development of market mechanisms (auctions, RTC power, capacity markets, ancillary services).
- Advise on tariff design, grid codes, and forecasting regulations.

Emerging Technologies & Sector Coupling

- Support integration of green hydrogen, e-mobility, and sector coupling strategies.

- Analyze role of digitalization, smart grids, and forecasting tools in scaling RE.
- Track global best practices and adapt them to the national context.

Stakeholder Engagement & Capacity Building

- Engage with ministries, regulators, transmission utilities, DISCOMs, developers, and financiers.
- Facilitate technical working groups, consultations, and high-level advisory forums.
- Lead capacity-building initiatives for government and utility stakeholders.

Monitoring, Evaluation & Advisory

- Track national and state-level progress toward the 500 GW target.
- Develop technical dashboards, scenario analyses, and progress reports.
- Identify risks and recommend corrective actions for timely target achievement

Other duties/additional tasks, if any:

- Support in other coordination and project management tasks as and when required.

E. Required Qualifications, Experience and Competencies

- Master's degree in Energy, Policy, Engineering, Environmental Science, Economics
Bachelor's degree in engineering Excellent language skills in English (reading, speaking, and writing).
- 5 - 7 years of relevant professional experience, preferably in energy sector, public policy, or development cooperation.
- Strong knowledge of clean energy technologies, wind Energy sector, energy access models, and renewable energy policy landscapes.
- Familiarity with MNRE, CEA, NIWE, NISE, and state RE institutions and programs.
- Proven experience with data evaluation, monitoring frameworks, policy analysis
- Strong analytical skills, report writing, and stakeholder coordination capabilities.
- Excellent command of English and Hindi; knowledge of regional languages is an asset.
- Proficiency in Microsoft Office Suite (Word, Excel, PowerPoint); experience with data analysis tools is a plus.
- Experience working with government agencies, international organizations, or consulting firms is highly desirable.
- Experience working with or supporting government RE tenders, PPA mechanisms, or
- Experience working with grid planning.
- Understanding of RE supply chain localization policies and industrial policy trends.
- Strong analytical, communication, and reporting skills.

F. Location: New Delhi

G. Duration of the contract: 31st March 2029

Application without GIZ application form will not be considered

- *Only shortlisted candidates will be contacted.*
- *GIZ supports Work-Life Balance.*
- *GIZ promotes Gender Diversity – Applications from women professionals are encouraged.*
- *Please note that those individuals who have completed a consultancy assignment with GIZ in less than 6 months prior to the intended start date for this position will not be shortlisted due to organisational policy.*

Disclaimer: As per GIZ's data confidentiality policy, candidate's application is stored in our database for six months and is deleted thereafter.