



IT POWER PRIVATE LIMITED

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ABOUT US

IT Power Private Limited is one of India's leading renewable energy and sustainable development consulting firms. With over 28 years of experience in the global clean energy sector, IT Power continues to drive innovation and excellence in delivering expert technical and advisory services across the renewable energy, energy efficiency, and climate action landscape.

IT Power is rooted in the global legacy of the *ITP Energised Group* — a renowned engineering consultancy network founded in 1981 in the UK.

Though the group no longer exists today, IT Power continues to carry forward its deep heritage of innovation, knowledge, and global reach in clean energy consulting. Through the group's strong presence in UK, Australia, China, India, Spain, Portugal, New Zealand, Kenya, and Argentina, IT Power contributed to over 150 international energy projects.

MEMBERSHIPS AND AFFILIATIONS

MEMBERS



INDUSTRIAL MEMBER



ORGANIZATIONAL MEMBER



EMPANELLED



WHY CHOOSE US?

COMPREHENSIVE RENEWABLE ENERGY CONSULTANCY

IT Power has proven track record in delivering end-to-end renewable energy consultancy services.

EXPERIENCED AND DIVERSE TEAM

A team of seasoned experts and diverse professionals with global and regional experience in energy projects.

COMMITMENT TO SUSTAINABILITY AND INNOVATION

Commitment to sustainable and innovative solutions that drive measurable impact.

COLLABORATIVE APPROACH

Empowers stakeholders and fosters long-term partnerships with international reach and experts team.

GLOBAL REACH - LEGACY OF ITPENERGISED GROUP

IT Power was a part of the international ITP Energised Group with international reach and experts team.

CORE AREAS OF EXPERTISE

**RENEWABLE ENERGY
SOLUTIONS**

**E-MOBILITY & SMART GRID
SOLUTIONS**

**POLICY, REGULATORY &
FINANCIAL ADVISORY**

**ENERGY EFFICIENCY &
DEMAND SIDE MANAGEMENT**

**OFF-GRID & MINI-GRID
ELECTRIFICATION**

**TRAINING & CAPACITY
BUILDING**

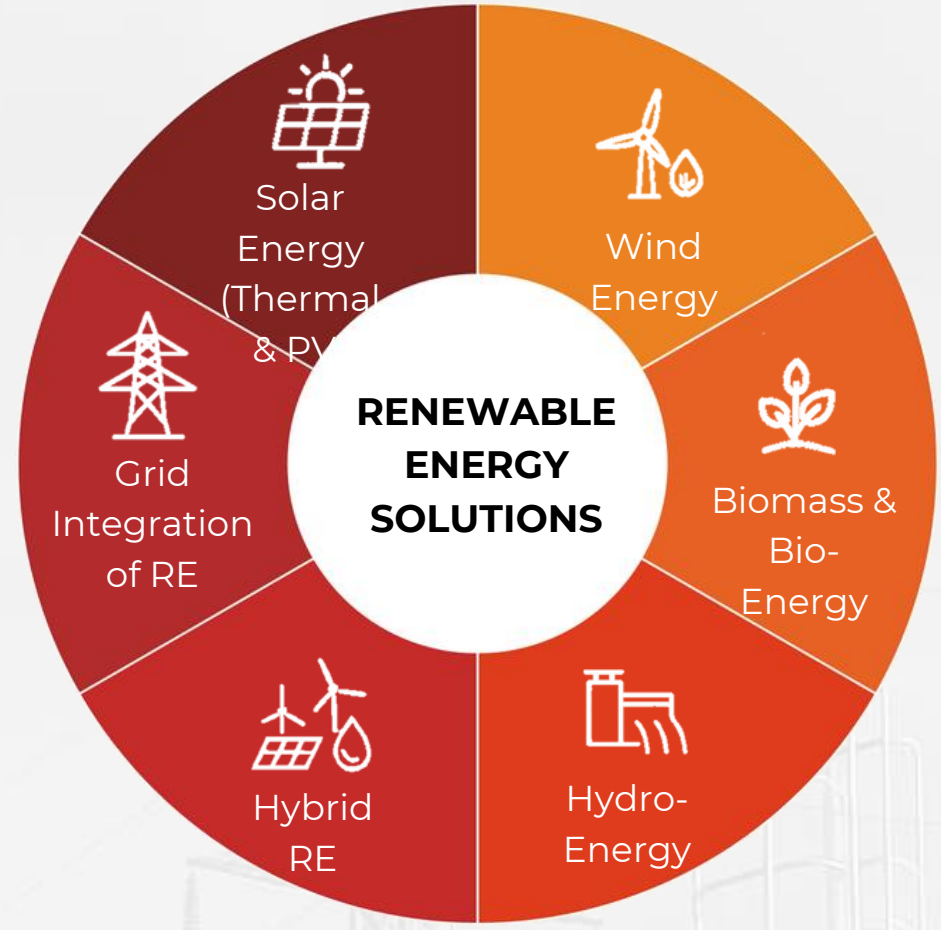
**MONITORING, EVALUATION
& IMPACT ASSESSMENT**

RENEWABLE ENERGY SOLUTIONS

CORE AREAS OF EXPERTISE

Renewable Energy Solutions
Energy Efficiency & Demand Side Management
E-Mobility & Smart Grid Solutions
Policy, Regulatory & Financial Advisory
Off-Grid & Mini-Grid Electrification
Training & Capacity Building
Monitoring, Evaluation & Impact Assessment

IT Power Private Limited provides comprehensive consultancy services across various renewable energy technologies. IT Power provides support in feasibility studies, resource assessment and mapping, techno-economic analysis, technology selection, technology assessment, environmental impact assessments, policy advisory, project development, investment planning, designing integrated energy systems and other services in order to contribute in sustainable and cost-effective energy solutions.



ENERGY EFFICIENCY & DEMAND SIDE MANAGEMENT

CORE AREAS OF EXPERTISE

- Renewable Energy Solutions
- Energy Efficiency & Demand Side Management**
- E-Mobility & Smart Grid Solutions
- Policy, Regulatory & Financial Advisory
- Off-Grid & Mini-Grid Electrification
- Training & Capacity Building
- Monitoring, Evaluation & Impact Assessment

IT Power helps clients optimize energy consumption and improve efficiency in buildings, industries, and infrastructure through:

- Energy Audits & Performance Optimization
- Green Buildings & Sustainable Architecture
- Demand-Side Management (DSM) & Smart Energy Solutions
- Energy-Efficient Appliances & Technologies Solutions



CORE AREAS OF EXPERTISE

Renewable Energy Solutions

Energy Efficiency & Demand Side Management

E-Mobility & Smart Grid Solutions

Policy, Regulatory & Financial Advisory

Off-Grid & Mini-Grid Electrification

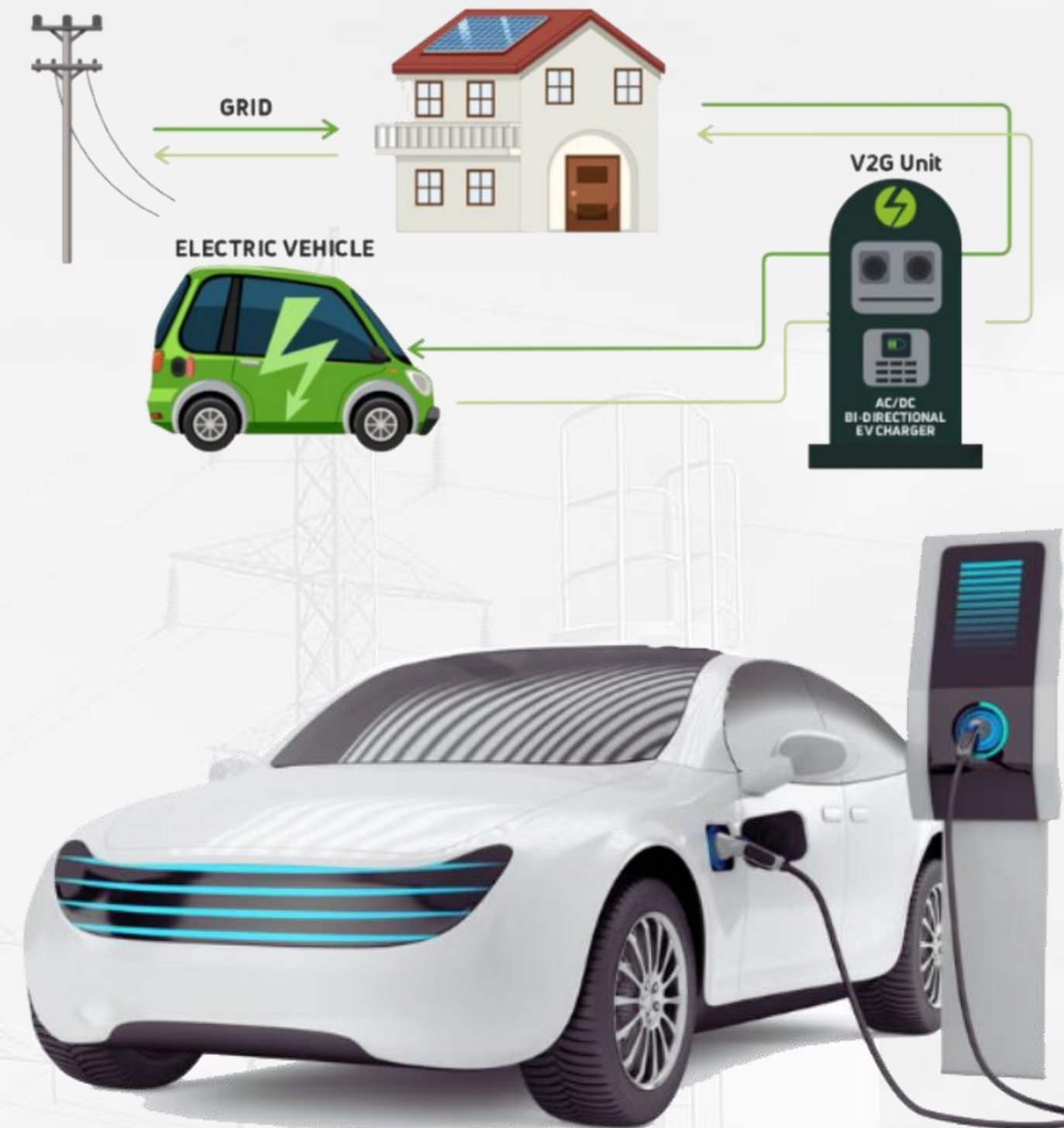
Training & Capacity Building

Monitoring, Evaluation & Impact Assessment

E-MOBILITY & SMART GRID SOLUTIONS

Aligning with the global focus and efforts for transition to electric mobility and smart energy systems, IT Power has expanded its focus in providing support in planning, feasibility studies, policy advisory, integrating digital technologies like AI for management and exploring innovative solutions for areas like:

- Electric Vehicle (EV) and EV Charging Infrastructure
- Battery Energy Storage Systems (BESS)
- Grid Integration
- Smart Grid and Energy management
- Vehicle-to-Grid (V2G) & Grid-Interactive Technologies



POLICY, REGULATORY & FINANCIAL ADVISORY

CORE AREAS OF EXPERTISE

Renewable Energy Solutions

Energy Efficiency & Demand Side Management

E-Mobility & Smart Grid Solutions

Policy, Regulatory & Financial Advisory

Off-Grid & Mini-Grid Electrification

Training & Capacity Building

Monitoring, Evaluation & Impact Assessment

IT Power provides advisory services to governments, multilateral agencies, and private sector clients in areas like:

- Policy & Regulatory Framework Development
- Investment Facilitation & Green Finance
- Carbon Markets & Climate Mitigation Strategies
- Strategic Planning and Roadmap Development



CORE AREAS OF EXPERTISE

Renewable Energy Solutions

Energy Efficiency & Demand Side Management

E-Mobility & Smart Grid Solutions

Policy, Regulatory & Financial Advisory

Off-Grid & Mini-Grid Electrification

Training & Capacity Building

Monitoring, Evaluation & Impact Assessment

OFF-GRID & MINI-GRID ELECTRIFICATION

IT Power has extensive experience in designing and implementing decentralized energy solutions for remote and under-served areas.

- Mini-Grid & Off-Grid Renewable Energy Solutions – Designing solar, wind, and hybrid mini-grid systems for rural electrification.
- Solar Water Pumps & Agricultural Electrification – Promoting solar-powered irrigation and off-grid energy solutions for sustainable farming.
- Energy Access & Livelihood Development – Enhancing access to clean energy for rural and marginalized communities.



TRAINING & CAPACITY BUILDING

CORE AREAS OF EXPERTISE

- Renewable Energy Solutions
- Energy Efficiency & Demand Side Management
- E-Mobility & Smart Grid Solutions
- Policy, Regulatory & Financial Advisory
- Off-Grid & Mini-Grid Electrification
- Training & Capacity Building**
- Monitoring, Evaluation & Impact Assessment

Committed to fostering expertise and knowledge in the renewable energy sector, IT power also provides comprehensive training and capacity-building programs tailored for professionals, policymakers, and organizations. These initiatives are designed to enhance technical skills, policy understanding, and community engagement in clean energy solutions.

- Specialized Renewable Energy Training
- Specialized Renewable Energy Training
- Policy & Regulatory Capacity Building for Government Officials
- Community Engagement & Public Awareness Initiatives



MONITORING, EVALUATION & IMPACT ASSESSMENT

CORE AREAS OF EXPERTISE

- Renewable Energy Solutions
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Monitoring, Evaluation & Impact Assessment

IT Power provides robust impact assessments and performance evaluations to measure the effectiveness of renewable energy projects and policies. It provides support to clients in developing frameworks for project monitoring and evaluation in order to assess project performance and outcomes. It also holds experience in Socio-Economic & Environmental Impact Assessments, evaluating the long-term sustainability and benefits of clean energy initiatives.



MONITORING



OUR CLIENTS

International

Multilateral, Bilateral & Development Organizations

- International Solar Alliance
- IRENA
- International Finance Corporation
- United Nations Development Programme
- United Nations Industrial Development Organization
- Climate Policy Initiative
- GOGLA
- United Nations Industrial Development Organization

International Government Agencies & Institutions

- GIZ
- Kenya Renewable Energy Association
- European Union Technical Assistance Facility
- SAARC Energy Centre
- Britain High Commission
- Australian Government

International Finance & Investment Institutions

- World Bank
- KfW
- Asian Development Bank
- African Development Bank
- US India Clean Energy Finance
- CDC Group plc
- Inter-American Development Bank
- Global Clean Energy Alliances & Networks
- Climate Technology Centre & Network
- Africa-EU Energy

India

Government Ministries & Agencies

- Ministry of New & Renewable Energy
- Bureau of Energy Efficiency
- Energy Efficiency Services Limited
- Rural Electrification Corporation
- Power Finance Corporation of India

Public Sector & Financial Institutions

- Indian Renewable Energy Development Agency
- National Bank for Agriculture & Rural Development

Private Sector & Industry

Collaborations

- Suzlon Energy
- CIPLA Ltd
- Everest Industries Ltd
- Deloitte
- Touche Consulting India Pvt. Ltd.

State Government Organizations

- Gujarat Power Corporation Limited
- Punjab State Power Corporation Ltd.
- Uttar Pradesh New & Renewable Energy Development Agency
- Arunachal Pradesh Energy Development Agency
- Assam Energy Development Agency

Research & Non-Governmental Organizations (NGOs)

- Indian Green Building Council
- Skill Council for Green Jobs
- NB Institute of Rural Technology (NBIRT)

HIGHLIGHTED PROJECTS

RENEWABLE ENERGY



KENYA

Kenya Ministry of Energy & World Bank
Consultancy Services for Independent Verification Agent (IVA) of the Kenya Off-grid Solar Access Project (KOSAP) for Underserved Counties.



OMAN

Public Authority for Electricity & Water (PAEW)
Consultancy services on application of renewable energy through costs-from-savings in the PAEW's Assets



SAARC COUNTRIES

SAARC Energy Centre
Mini Grids and Access to Electricity in SAARC countries.



BANGLADESH

Asian Development Bank (ADB)
Capacity development for renewable energy investment programming and Implementation - investment plan for other renewable energy resources (wind & biomass) in Bangladesh.



UZBEKISTAN

World Bank
Deploying energy efficiency and distributed solar in the public buildings sector.

RENEWABLE ENERGY

International Solar Alliance

Development of Programme Initiation Framework for Programme 7: Solarising Heating and Cooling Systems. Certified Trainings for Capacity Building Institutions and Decision-Makers.

European Union

EU Technical Assistance Facility for the Sustainable Energy (DESIREE).

GIZ

Investment prospectus preparation meeting Green Bonds / Climate Bonds Certification requirement for mobilizing financing for efficient grid connected Solar Pumps.

Climate Policy Initiative (CPI)

Market assessment for 2 MW aggregated capacity for roof top solar in residential sector in 13 cities.



INDIA



AFGHANISTAN

KfW Development Bank

Pre-feasibility study on land-neutral photovoltaic (PV) power plants in Kerala & Maharashtra.

UNDP-Global Environment Facility (GEF), Ministry of New and Renewable Energy (MNRE)

Development of material and component specifications of six standard concentrated solar technologies as reference documentation.

Gujarat Power Corporation Limited

Setting up "Pilot" projects based on electric vehicles and solar operated charging stations.

British High Commission (BHC)

Ecosystem for offshore wind development in India.

Asian Development Bank

Renewable energy development in Afghanistan- development of RE, roadmap and RE projects, and increase the institutional capacity to plan and implement the RE projects.

ENERGY ACCESS



INDIA

World Bank

Market assessment and technical design options study in Kannauj and Mahoba, for improving energy access in Uttar Pradesh (UP) using renewable energy.

GOGLA

Low Voltage Smart Power & Appliance.



AFGHANISTAN

International Finance Corporation

Assessing the energy access space in Afghanistan and developing an energy access programme.

United Nation Development Programme

Consultancy for the design, supervision, procurement & commissioning of two mini-grids (MHP & Solar PV) in Afghanistan.



GHANA

African Development Bank

Support to SE4ALL country action processes in Ghana, Kenya and Tanzania.

RESOURCE EFFICIENCY & SUSTAINABILITY



INDIA

World Bank

Pilot Implementation of Direct Benefit Transfer for Electricity (DBTE) to Agriculture: Punjab, India.

CDC UK

Market mapping of energy efficiency and water efficiency sectors in India.

United Nation Development Programme (UNDP)

Analyse the current regulatory and financial mechanism for Energy Conservation Building Code (ECBC) implementation, identify the state specific gaps for adoption of ECBC and to suggest state specific strategies including policies and financial incentives for adoption of ECBC.

WAPCOS Limited

Third party evaluation of solar PV systems in Alwar district of Rajasthan – CSR activities of WAPCOS during the year 2012-13.

CPI/EFL

Developing Environmental, Social and Governance System (ESGS) for roof-top solar.

United Nation Development Programme

Development of a proposal to mobilize funds from Green Climate Fund (GCF) for climate change resilience in the context of Afghanistan Sustainable Energy for Rural Development (ASERD) and Climate Change Adaptation Project.



AFGHANISTAN

XacBank LLC

Mini-grid and off-grid project preparation for Green Climate Fund (GCF)-feasibility study for providing clean energy solutions and reducing GHG emissions for heating needs of Ger areas.



MONGOLIA

LOOKING AHEAD

As the global energy transition accelerates towards net-zero and climate resilience by 2030 and beyond, IT Power remains committed to providing innovative, inclusive, and scalable solutions that empower governments, businesses, and communities. We continue to align with India's clean energy vision and global sustainability goals—driving impact through technology, expertise, and collaboration.



OUR TEAM



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Ms. Muktaparna Boruah
Director



Dr. Indradip Mitra
CEO



Dr. Detlev Heinemann
Senior Advisor



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THANK YOU



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