



ENERGY SECTOR SOLUTIONS

BUSINESS ADVISORY SERVICES

BDO in India
2024

The energy sector is undergoing a significant shift towards sustainability, emphasising the need for effective management. Navigating this evolving landscape necessitates increased strategic support.

Maintaining competitiveness entails optimising operations, boosting productivity, and integrating renewable energy solutions, carefully aligned with emerging market trends and regulatory mandates to ensure long-term sustainability.

IT-based interventions such as advanced data analytics, IoT, and cybersecurity measures are pivotal in enhancing operational efficiency and safeguarding critical infrastructure.

The combination of strategic management and innovative IT solutions is key to driving sustainability and resilience during the energy transition.

WHY BDO IN INDIA

BDO India is uniquely equipped to support the energy sector's sustainability transition. With deep industry understanding, we develop tailored solutions to optimise operations and integrate renewable energy seamlessly. Our strategic expertise ensures alignment with regulations and trends, promoting sustainable development. Additionally, our strong IT capabilities bolster innovation and resilience. Our comprehensive consulting approach makes us the preferred partner for companies embracing sustainable energy practices.

OUR SOLUTIONS

ENERGY IN TRANSITION

Renewable & Distributed Renewable Energy (DRE)

- Distributed RE - rooftop, mini-grids, access to energy
- System studies for RE integration
- Emerging technologies - offshore wind, storage, hydrogen, biofuels
- Utility scale RE - solar PV, wind, waste-to-energy

Green Hydrogen

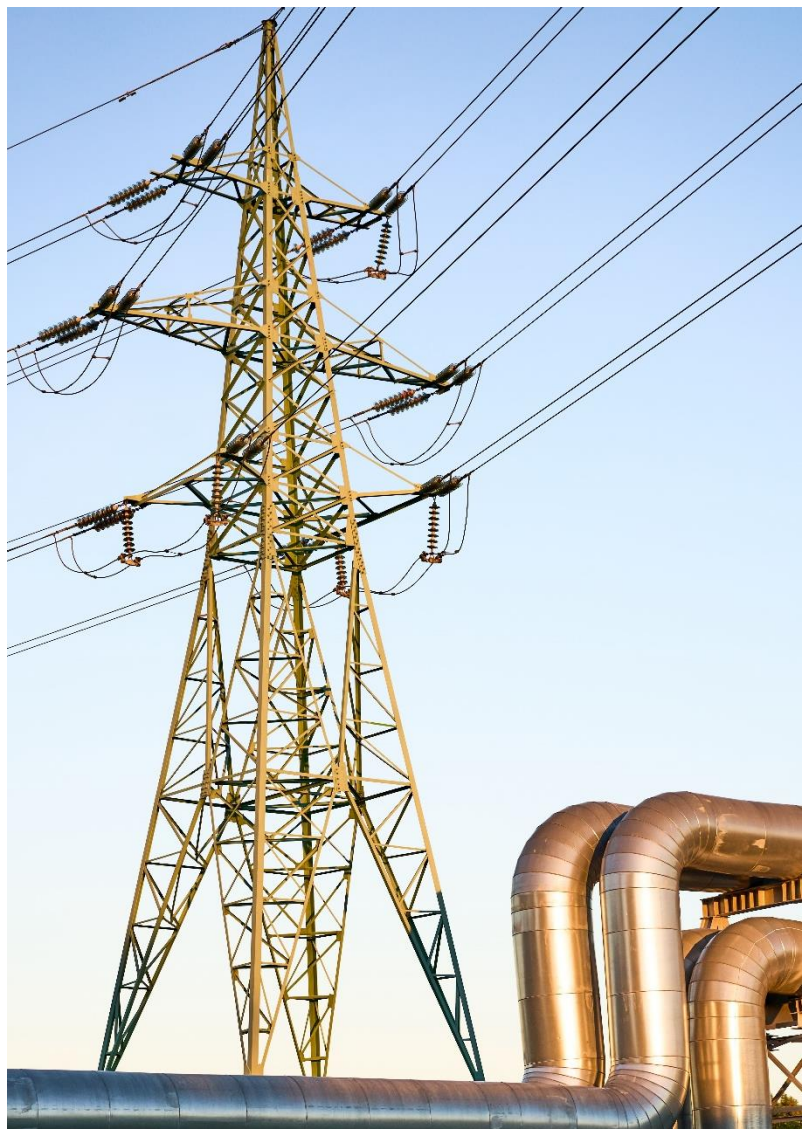
- Policy advice and roadmaps
- Financial and economic analysis
- Demand forecasting and market assessment
- Partner ecosystem matchmaking
- Preliminary Feasibility Reports (PFRs) and Detailed Project Reports (DPRs)

Decarbonisation

- Net-zero planning
- Energy Efficiency
- Energy storage
- Clean thermal - solar thermal, biomass
- Biomass assessment and integration in the energy mix
- Eco-supply chain optimisation
- Energy transition planning
- Carbon offsetting and sequestration planning

Policy and Regulatory Assessment

- Policy review and analysis
- Energy Efficiency (EE) policy and regulatory advisory
- EE codes and practices review
- Impact analysis of EE policy
- Development of policy pathways
- Stakeholder engagement and consultation



POWER AND UTILITIES

Decarbonisation In Generation Sector

- Repurposing of thermal power plant
- Emissions reduction strategies
- Operational efficiency assessment
- Blending-based advisory for decarbonisation

Transmission and Distribution

- Power market development
- Preventive and predictive maintenance advisory
- Renewable Purchase Obligation (RPO) and Renewable Energy Certificates (REC)
- Preparation of techno-commercial reports
- System planning
- Facilitating investments in energy markets
- Power Price Forecasts (PPF)
- Loss-reduction strategies
- Load balancing solutions
- Demand response management

Bid Advisory Services

- Contract management
- Development of business model
- Development of Public-Private Partnership (PPP) models for projects
- Lead/ financial transaction advisory services
- Project feasibility analysis
- Technical specification evaluation

IT Services Related to Power Sector

- Digital transformation
- Cyber security
- System automation and control
- Drone-based surveys for predictive maintenance
- AI-based data analysis
- PADO tool development
- Dashboard development
- Network planning and analysis

Regulatory Advisory

- Regulatory compliance and strategy
- Tariff design, filing, and review
- Cost of service studies
- MYT Regulation
- Drafting of regulations and orders
- Market analysis, forecasts, and regulatory implications
- Infrastructure investments including regulatory approvals, cost recovery, and financing
- Designing and evaluating energy efficiency and demand response programmes



OTHER SERVICES

Climate change

- Climate finance and market mechanisms
- Climate risk assessment
- Risk management and strategic planning
- Carbon markets and offset strategy
- Climate scenario analysis
- Facilitating investments in energy markets
- Climate policy and NDC implementation

Policy and Regulatory

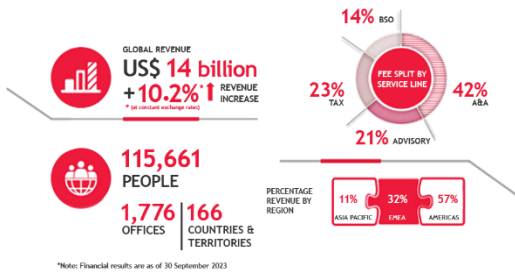
- Tariff analysis and rate design
- Grid modernisation and smart grid regulation
- Policy impact assessment
- Renewable energy policy support

Sustainable Financing

- Green finance solutions
- Sustainable supply chain financing
- Sustainability-linked loans
- Sustainability investment strategy

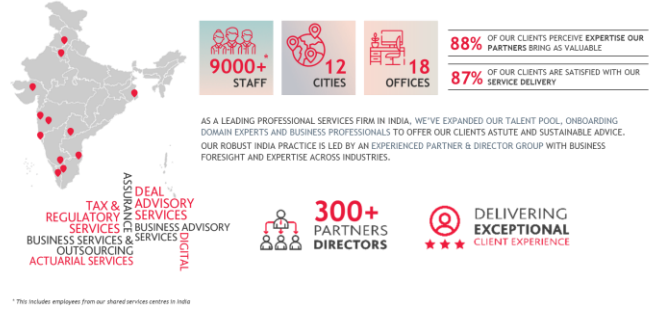
ABOUT BDO GLOBAL

BDO is a leading professional services organisation with a presence in 160+ countries and over 115,600 people working out of more than 1,750 offices. We endeavor to deliver an exceptional client experience through a tailored solutions approach, while partnering with our employees and clients globally.



ABOUT BDO IN INDIA

BDO in India offers Assurance, Tax, Advisory, Business Services & Outsourcing and Digital Services for both domestic and international clients across industries. The team at BDO in India consists of over 9,000 professionals led by more than 300 partners and directors operating out of 18 offices, across 12 key cities.



OUR SERVICES

ASSURANCE

- Accounting Advisory Services
- Financial Statement Audit and Attestation Services

ADVISORY

- Actuarial and Related Services for Insurance
- Cyber Security
- Forensics
- Government Advisory
- IT Risk Advisory & Assurance
- Management Consulting
- Risk Advisory Services
- Sustainability & ESG
- Business Restructuring
- Corporate Finance and Investment Banking
- Deal Value Creation
- Financial Due Diligence
- M&A Tax and Regulatory
- Strategy & Commercial Due Diligence
- Valuations

BUSINESS SERVICES & OUTSOURCING

- Global Outsourcing
- Finance and Accounting Outsourcing
- Human Resource Outsourcing
- Payroll Management and Compliance Services
- Secretarial Services and Compliance Management
- Shared Services Centre



BDO DIGITAL

- Digital Services
- Technology Products and Solutions

TAX

- Corporate Tax Services
- Financial Services Tax
- Global Employer Tax
- International Tax Services
- Private Client Services
- Tax Outsourcing
- Transfer Pricing
- Customs & International Trade
- Goods & Services Tax (GST)
- Indirect Tax Assessment & Litigation Assistance
- Incentives & ESG
- Tax Technology

CONTACT US

For queries regarding our services, please [get in touch](#) with us

For any other queries or feedback, kindly write to us at marketing@bdo.in

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