

# About TEDDY 2011/12

India needs to sustain an economic growth of 9% over the next 20 years to eradicate poverty and meet its human development goals. Meeting the energy requirements for growth of this magnitude in a sustainable manner presents a major challenge. It is necessary to increase efficiency of energy use, expand domestic resource base, acquire energy assets abroad, develop alternative fuels, lay pipelines for importing gas, build liquefied natural gas (LNG) terminals, improve and augment port facilities, build strategic reservoirs for crude storage to bridge the gap between demand and indigenous supply to ensure energy security in the country.

The need for energy planning is, therefore, of paramount importance. Reliable energy statistics are a prerequisite to understand the existing energy scenario and to frame sound future policies. *TERI Energy Data Directory and Yearbook (TEDDY)* is a publication that provides a macro overview of the energy sector in India. The data in *TEDDY* are compiled from various published government sources, which have been increasing over the years. The overall structure of this year's *TEDDY* is the same as the previous editions. The text in the yearbook provides the latest available information at the time of compilation of the chapters, before going to the press. Care has been taken to ensure that continuity of information is maintained so that the readers can study the trends in the energy sector over a period of time.

One of the major changes introduced in the last edition of *TEDDY* was the inclusion of an "In Focus" section in each chapter wherein a particular subject of current interest was dealt with greater detail. This section has been retained this year.

Chapter	"In focus" topic
Indian energy sector: an overview	Need for integrated energy planning and governance
Organization of the energy sector in India	Performance highlights of NTPC in 2010/11
Coal and lignite	Acquisitions of coal mines abroad
Oil and gas	Issues related to RIL's KG-D6 Basin and their implications
Power	Renewable Energy Certificates
Renewable energy sources and technologies	Smart mini-grid systems for distributed generation of renewable energy technologies
Agriculture	National mission on sustainable agriculture
Industry	Perform, Achieve, and Trade (PAT) mechanism
Transport	Vehicle efficiency norms in India
Domestic	Policy issues and measures to ameliorate dependence on forests for fuelwood
Environment	Source apportionment studies
Climate change and energy	Climate change and energy security

**Chronology of events:** In *TEDDY 2011/12*, chronology of events has been covered till November 2011. Care has been taken to limit the entries to the more important and relevant ones.

We are thankful to our readers and the fraternity at TERI for their valuable feedback on *TEDDY*. We hope *TEDDY* would provide readers a detailed analysis of the energy supply and energy demand sectors as well as the environment sector and would serve as a reference book for energy and environment related issues.

R K Batra  
Distinguished Fellow  
TERI