TATA

Corporate Profile 2010 - 11

TATA POWER

Lighting up Lives!

VISION

To be the most admired Integrated Power and Energy Company delivering sustainable value to all stakeholders.

CONTENTS

MISSION

We will become the most admired Company delivering sustainable value by:

- Being the supplier and partner of choice
- Achieving excellence in safety, operations and project management
- Focusing on the culture of sustainability
- Ensuring growth and delivering value to all stakeholders
- Caring for the community

VALUES

Integrity
Honesty, fairness and transparency in our conduct and transactions

Trust
Faith and belief in each other

Care
Being concerned about the well being of all employees and stakeholders

Collaboration
Excellence through teamwork, within employees and partners

Agility
Speedy, responsive and proactive, achieved through empowering employees

Respect
Treat all stakeholders with respect and dignity

Excellence
Bettering standards continuously, with passion and pride

I Trust and Care

JOURNEY

Tata Power's journey over the past nine decades has been a fascinating saga of pioneering initiatives; responsible business practices that have a minimal impact on the environment; and initiating several socio-economic changes in our community.

In our quest to deliver sustainable energy, we are spreading our footprint nationwide, setting new benchmarks for operational efficiencies, investing in global resources and redefining paradigms.

Our focus on building lasting and trusting relationships with our customers, partners and employees, and our legacy of caring for our communities, remains the bedrock of our continued sustainability. We aim to energise consumer lifestyles by providing sustainable

Lighting up Lives!

power. We hope to inspire efficient use of energy and endeavour to educate our customers, and the world, about the benefits of implementing energy conservation practices. We are committed to developing our business in a way that adds value to our local communities. Also, we aim to set higher benchmarks in terms of development standards, and in the implementation of cutting-edge eco-friendly technologies and processes of energy management.

As we strive to lead the reform process for sustainable power, we are also committed to safeguarding the environment for future generations. After all, it was way back in the 1900s, that, our Founder, Jamsetji Tata, vowed to provide the country and its people with cheap, clean, and abundant power. Tata Power continues to make good on that promise and takes pride in lighting up lives!

LARGEST, MOST RELIABLE AND EFFICIENT INTEGRATED PRIVATE POWER COMPANY

Overview

Tata Power today, is India's largest integrated private power and energy company and has an installed generating capacity of about 3000 MW and a presence across the entire value chain in power generation (thermal, hydro, solar, wind and geothermal) transmission, trading and distribution. The Company has a great track record for its performance, customer care and is a frontrunner in introducing state-of-the-art power technologies.

The Company has successful public-private partnerships in generation, transmission, and distribution such as the 'North Delhi Power Limited' with Delhi Vidyut Board for distribution in North Delhi, 'Powerlinks Transmission Ltd.' with Power Grid Corporation of India Ltd. For evacuation of power from Tala Hydro Project in Bhutan to Delhi, and 'Maithon Power Ltd.' with Damodar Valley Corporation for a 1050 MW Mega Power Project.

Jojobera Thermal Power Station

Trombay Thermal Power Station

INDIA'S LARGEST PRIVATE SECTOR POWER PRODUCER

Tata Power generates about 3000 MW of power from energy sources like thermal (coal, gas, oil), hydroelectric, solar, wind and geothermal energy. The Company has been associated with the growing legacy of Mumbai as a business city for over nine decades. Mumbai's growth has literally been powered by Tata Power's reliable power supply. Tata Power has now spread its footprint across the country and overseas. Outside Mumbai, the Company has generation capacities in the states of Jharkhand, West Bengal, Gujarat, and Karnataka and a Distribution Company in Delhi. The thermal power stations of the Company are located at Trombay in Mumbai, Jojobera in Jharkhand, Haldia in West Bengal,

Generation

and Belgaum in Karnataka. The hydel stations are located in the Western Ghats of Maharashtra and the wind farms in Maharashtra, Karnataka, and Gujarat. An optimum mix of hydel and thermal capacities enables the company to supply power at competitive tariffs to its customers. At 1.8% the Company's transmission and distribution losses in Mumbai is among the lowest in the country.

Power House # 6


Khopoli Power Station
Bhira Hydro Power Station
Walwhan Solar Panels

Bhivpuri Hydro Power Station

Wind Farms

INDIA'S LEADING PRIVATE TRANSMISSION PLAYER

The 51:49 joint venture with PowerGrid Corporation of India for the 1,200 km Tala Transmission Project:
Powerlinks Transmission Limited (Powerlinks) is India's first transmission project to be executed as a Public-Private-Partnership. Powerlinks transmit power from the Bhutan based Tala Hydroelectric Project (in Nilgiri, West Bengal), through the Eastern/North-Eastern Region of India to Mandola in Uttar Pradesh (near New Delhi) a total distance of 1,200 km. Ten States (West Bengal, Bihar, Jharkhand, Sikkim, Punjab, Haryana, Uttar Pradesh,

Transmission

Jammu & Kashmir, and Delhi) benefit from this project, which transfers about 3000 MW of regional power. Maintaining an average availability of 99.7%, the project is an important link in the national power grid and is the first inter-state transmission project that has been implemented through the Public-Private-Partnership route. Powerlinks has also balanced the ratio between thermal power and hydel power in the eastern region of India.

Tata Power's transmission operations in Mumbai License Area stretch from Colaba in South Mumbai to Bassein Creek in North Mumbai and to Vikhroli in North-East Mumbai (bypassing Bhandup and Mulund).

A SATISFIED CONSUMER BASE IN MUMBAI AND DELHI

Mumbai Distribution

Consumer Base

Tata Power has a consumer base of over 75,000 direct customers in Mumbai and on, average about 12,000 million units (MU) are sold in a year. Some of our bulk consumers include BEST, Railways, Port Trust, BARC, Refineries and other important installations in Mumbai. As in all parts of the business, improvement in operational efficiency is a key focus area. Tata Power has taken a number of initiatives to improve the quality and reliability of its power supply. The Company is also expanding its consumer base to embrace medium-sized industries and large commercial and residential complexes in Mumbai.

Ensuring Uninterrupted Power Supply

At the core of reliable power supply to the city is the unique 'Islanding System' pioneered by Tata Power, due to which the city of Mumbai has the advantage of assured uninterrupted reliable supply of power. In case of a grid failure, the Islanding System ensures uninterrupted power supply within the city limits. In case of a breakdown in the Western Regional Power Grid, Tata Power's system is automatically isolated from the rest of the grid. It ensures that our generating units continue to function. All essential services like railways, hospitals, water supply systems are assured continuity of power supply.

Delhi Distribution

The Company's partnership for distribution with the State Government of Delhi for its North Delhi consumers, the North Delhi Power Limited (NDPL), is the only success story of privatisation in India. This company serves over 1 million consumers (from a population of 4.5 million) spread over in an area of 510 sq. kms and has a peak load of 1050 MW. Since its formation in 2002, the company has launched a series of technological

Distribution

improvements for upgrading reliability and other consumer services. Measures like energy audits, replacement of old meters with theft-proof electronic meters, automated meter reading, aggressive enforcement and public awareness drives have reduced the current ATC loss percentage to well below the target loss level percentage that has been committed to the regulatory authorities.

To create greater operational efficiencies, better load management and improvement in consumer services, NDPL has invested over Rs.1,350 crore in capital expenditure during the past five years. NDPL is automating its grids, mapping the network (for quicker fault location and isolation) and automating the outage management system on the Gas Insulated Switchgear (GIS) platform.

In the retail power distribution business, innovative customer service measures are critical to success. In a measure adopted for the first time in India by a distribution company, NDPL ensures that its representative visits a new customer's premises and completes all formalities required for providing a new connection, without the customer having to visit NDPL's office.

Tata Power is now poised to participate in power distribution programmes in other Indian states.

FIVE-FOLD GROWTH IN THE NEXT FIVE YEARS

The Company's growth plans include steady capacity addition year-on-year which includes about 318 MW in 2010, 1138 MW by 2011, 1600 MW by 2012 and 2400 MW by 2013. Apart from this, there are several projects in the pipeline and under consideration. The progress the Company has made on its new projects is as follows:

4000 MW Mundra - Ultra Mega Power Project (UMPP)
On 24 April 2007, Tata Power signed a Power Purchase Agreement (PPA) for the 4000 MW UMPP in Mundra in coastal Gujarat. The Special Purpose Vehicle set up for the project, Coastal Gujarat Power Ltd., has been transferred and is now a 100% subsidiary of Tata Power.

Tata Power was the first to be awarded a UMPP and has also been the first to have financially closed a UMPP. Mundra's generation capacity is 4000 MW (5 x 800 MW), with saleable power of 3800 MW. After completion of the project, it is expected to supply power to Gujarat (1805 MW), Maharashtra (760 MW), Punjab (475 MW), Haryana (380 MW), and Rajasthan (380 MW).

Costing about Rs.17,000 crores (US$ 4.2 billion), the project is to be completed within 88 months from the date of signing of the PPA, with the first unit going on-stream on, or before, August 2012. Tata Power expects the first unit to be commissioned by September 2011.

Mundra UMPP will use imported coal and to secure its coal supplies, Tata Power has acquired a 30% equity stake in Indonesian coal companies. The choice of super-critical technology will help achieve high efficiency thus saving fuel and reducing greenhouse gas emissions vis-a-vis conventional technology prevailing in the country.

Growth Plans

Project implementation is progressing as per schedule and an overall progress rate of 53% has been achieved. The project site has over 5,000 direct and indirect workmen. The services of Dupont has been contracted to strengthen safety systems and procedures at site to achieve 'best-in-class' international levels. The work on boilers, cooling water system, TG building, main control room, chimney shell casting, cable and pipe racks, 220 kV switchyard, ash handling and internal coal handling systems is in progress.

1050 MW Maithon Power Project

The Maithon Right Bank Thermal Power Plant project envisages setting up a 1050 MW (2 x 525 MW) greenfield coal fired mega power plant at Maithon (Jharkhand), under the aegis of Maithon Power Limited, a 74:26 joint venture between Tata Power and Damodar Valley Corporation (DVC).

The project cost of Rs.4,450 crore is being funded in a debt equity ratio of 70:30 (Rs.3,115 crore of debt), with the equity for the project already having been invested by the promoters. Financial closure for the debt has been completed. The project is progressing well and the first unit is scheduled to be commissioned by the end of 2010.

120 MW Haldia Power Plant

The Company has already commissioned Units1 and 2 of 45 MW each. The 30 MW Unit 3 was commissioned in September 2009.

Captive Power Projects for Tata Steel

Industrial Energy Limited (IEL) a Joint-Venture between Tata Power (74%) and Tata Steel (26%), aims to develop new Captive Power Projects (CPPs) to meet the power requirement of Tata Steel. The 120 MW Power House # 6 at Tata Steel Works, Jamshedpur, was commissioned on 27 August, 2009. The 120 MW Unit # 5 at Jojobera is also progressing as per schedule and is expected to be synchronised in the third quarter of FY 10.

250 MW Trombay Unit 8
The Company announced the synchronization of the 250 MW Unit 8 with the grid and rest of the generation units at the Trombay Thermal Power Plant in Chembur (Mumbai) on 27 March, 2009. The 250 MW Unit 8 operates on imported coal and has enhanced the current installed capacity of 1350 MW at Trombay Thermal Power Station.

The Company has signed a **Memorandum of Understanding (MoU)** with Tata Steel Limited and Corus Staal B.V. for the construction of a 525 MW combined heat and power plant at Corus' IJmuiden Works in Netherlands.

114 MW Dagachhu Power Plant
This project in partnership with The Royal Government of Bhutan (RGoB) is progressing well. Major ordering for the project has been completed. All statutory clearances, land, water, and environment clearances have been received and PPA for the entire quantum of power has been signed.

Exclusive partnership agreement to develop hydropower projects in India and Nepal
Tata Power and SN Power, Norway's fast-growing international renewable energy company, have signed an exclusive partnership agreement to together develop hydropower projects in India and Nepal. This is the first time that Tata Power has entered into an exclusive partnership with another hydropower company.
The partners aim to have 2000 MW under construction or in operation by 2015, and a total of 4000 MW by 2020. Tata Power and SN Power have already begun pursuing potential project opportunities based on the vast reserves of renewable energy in the Himalayas. The business model for the exclusive partnership is to develop hydropower projects that will meet the increasing energy demand in India and Nepal through the provision of clean energy. The partners will also establish a jointly-owned Services Company in India, which will provide each project with world-class technical and managerial expertise.

Wind Farm Projects
The Company has an existing wind power capacity of 199.7 MW including 4 MW capacity at Visapur (Maharashtra) commissioned recently.
The Company is developing wind projects of over 200 MW, of which 150 MW is proposed to be commissioned during FY11 in Maharashtra and Tamil Nadu.

Solar Power
Ministry of New and Renewable Energy, Government of India recently announced Jawaharlal Nehru National Solar Mission which encourages setting up of solar based plants in India. In this regard, Tata Power is exploring opportunities upto 300 MW to set up solar based generation plants at various locations in the country by 2013. The Company is starting by implementing a 3 MW, PV based, grid connected Solar plant at Mulshi, in the Western Ghats.

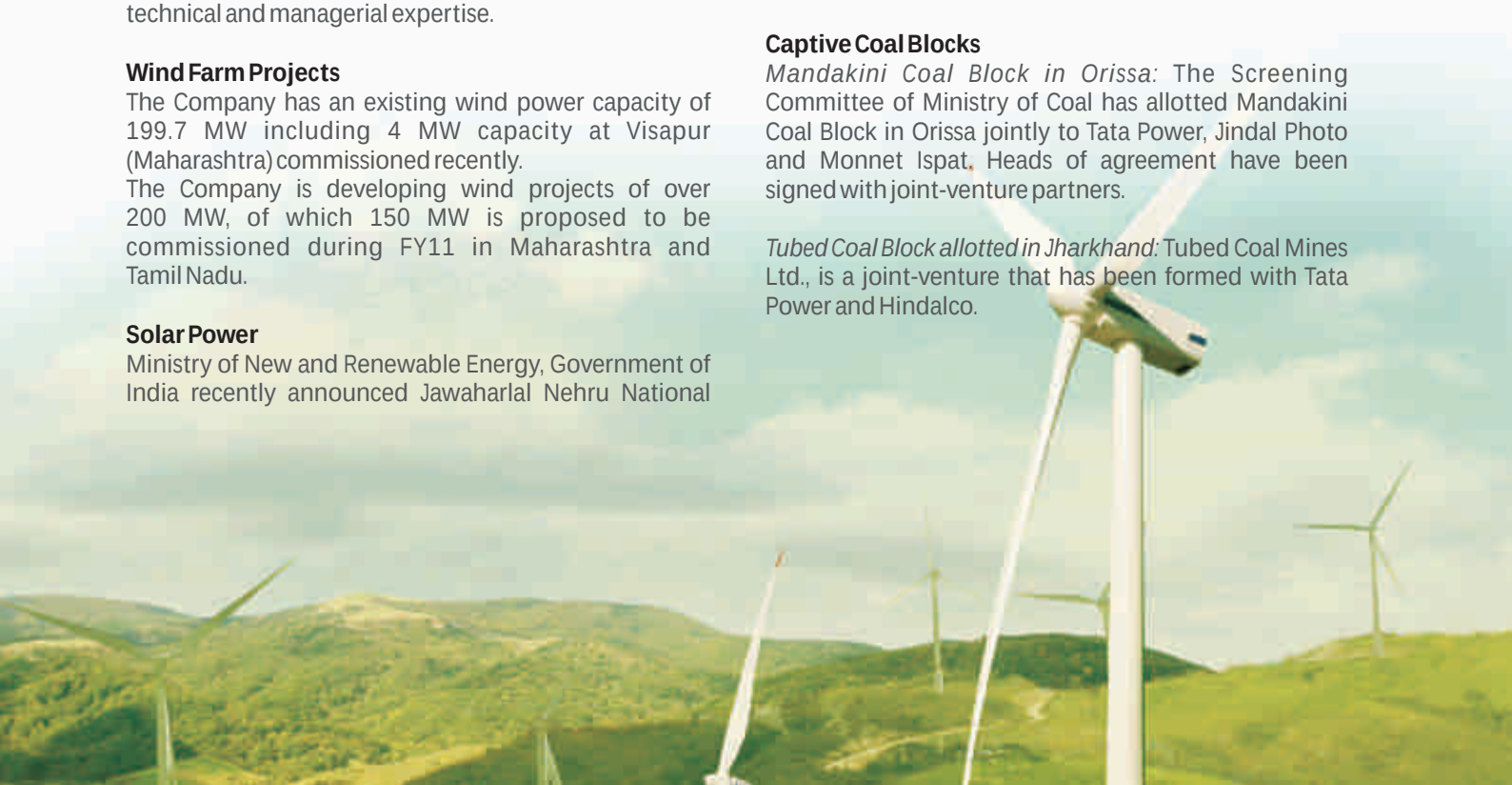
240 MW Sorik Marapi Geothermal Project
Tata Power (47.50%) led consortium along with Origin Energy Ltd., Australia (47.50%) and PT Supraco, Indonesia (5%) won the Sorik Marapi geothermal project in Northern Sumatra, Indonesia.
The Sorik Marapi project is estimated to support the development of approximately 240 MW of geothermal generation capacity. The project will be developed by PT Sorik Marapi Geothermal Power (SMGP), a Special Purpose Vehicle formed by the Consortium. The Consortium would undertake a detailed exploration programme over the next 18 months. The expected Commercial Operation Date (COD) for the project is June 2015.

1600 MW Coastal Maharashtra Project
During the year, the Company has made substantial progress in this project. The Rehabilitation and Resettlement (R&R) authority of Government of Maharashtra (GoM) has approved the R&R proposal of the Company. Land acquisition is in progress. The plant is expected to be commissioned within three years of completion of the land acquisition.

1320 MW Naraj Marthapur, Orissa
The major clearances for the 1320 MW Naraj Marthapur project have been obtained. Process is on for obtaining environmental clearance from MoEF. The plant is expected to be commissioned within three years of completion of the land acquisition, which is expected to be completed during the year. The Company has been allotted the Mandakani coal block located in the Angul district of Orissa, along with Monnet Ispat and Energy Limited, and Jindal Photo Limited.

Captive Coal Blocks
Mandakini Coal Block in Orissa: The Screening Committee of Ministry of Coal has allotted Mandakini Coal Block in Orissa jointly to Tata Power, Jindal Photo and Monnet Ispat. Heads of agreement have been signed with joint-venture partners.

Tubed Coal Block allotted in Jharkhand: Tubed Coal Mines Ltd., is a joint-venture that has been formed with Tata Power and Hindalco.



Global Presence in the Energy Sector

MAKING A MARK INTERNATIONALLY

Indonesian Coal Mines Acquisition

Tata Power has acquired a 30% equity stake in major Indonesian coal companies, PT Kaltim Prima Coal (KPC) and PT Arutmin Indonesia, as well as trading companies from PT Bumi Resources. As a part of the purchase, Tata Power has also signed an offtake agreement with KPC, which entitles it to purchase coal every year.

The companies have enjoyed a robust financial performance, especially with increases in coal prices and rising production volumes.

The Indonesian coal mines will not only help in supplying coal to the Mundra UMPP, Coastal Maharashtra and Trombay, but will also be a potential source of coal for other coastal thermal generation projects, that require imported coal.

Trust Energy Resources Pte Limited

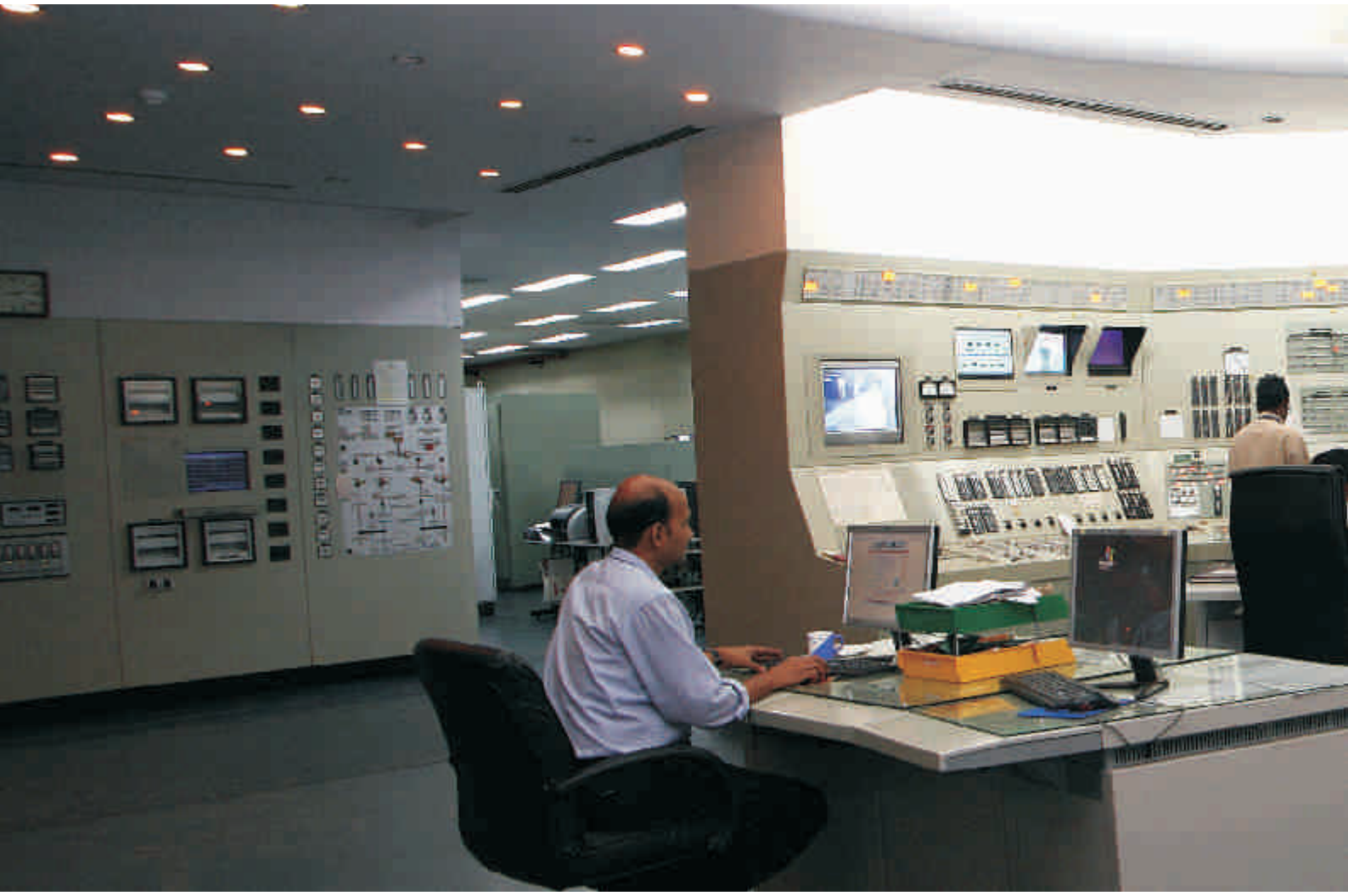
In order to support the exponential growth of the thermal energy generation business, a vertical integration into coal sourcing and overseas fuel logistics is critical. With this objective in mind, Trust Energy Resources Pte Ltd (Trust Energy) was incorporated in Singapore as a 100% wholly owned subsidiary of Tata Power, India on the 5th of February 2008.

The primary aim of Trust Energy is to securitize coal supply and the shipping of coal for Tata Power's thermal power generation operations. A standalone business entity, it will cater to third-party business needs as well as maximise shareholder value by taking advantage of market opportunities. The main business activities of the company are the following:

- Ship owning / chartering and operating
- Investment in coal mining assets/companies, and
- Trading in coal

The company will have a portfolio of long term- chartered and owned dry bulk carriers in its fleet for overseas transport of coal from sources such as Indonesia, Australia, and South Africa.

Trust Energy envision becoming a world-class dry bulk shipping company with global standards in its operations, generating trust, dependability and reputation. It will be one of the biggest fleet owners of Capesize bulk carriers in Asia with business operations spread across the world.



FOSTERING PEOPLE AND TALENT

Tata Power is able to deliver uninterrupted reliable power consistently by bringing together highly talented people in a creative and collaborative environment. This is what makes daily challenges enjoyable and rewarding and is one of the main reasons why Tata Power is a great company to work for.

At Tata Power, the indomitable spirit of power creates an intensely united force. The passion for excellence constantly drives our team and this is what enables us to achieve efficiency in our power generation operations. At Tata Power, the working environment inspires excellence, employees are encouraged to innovate and this freedom inspires the paradigm-changing ideas that our Company is well-known for.

In our endeavour to create a clean environment, we provide an opportunities that impact self-reliance with productive partnerships. We leverage our rich operational experience of the finest power technology

Creating a Dynamic Workplace

to industriously harness an individual towards a powerful 'greener tomorrow'.
With our vision cast high and focus on people, Tata Power offers a truly global exposure in Generation, Transmission Distribution, Power Trading and Projects (Gas, Coal, Wind and Hydro based power generation projects) making it a fully integrated player in the power sector.

We pride our employee success on the following:
The nurturing environment at Tata Power has been instrumental in creating our invaluable workforce. Some of the principles that have shaped the work culture at Tata Power are:

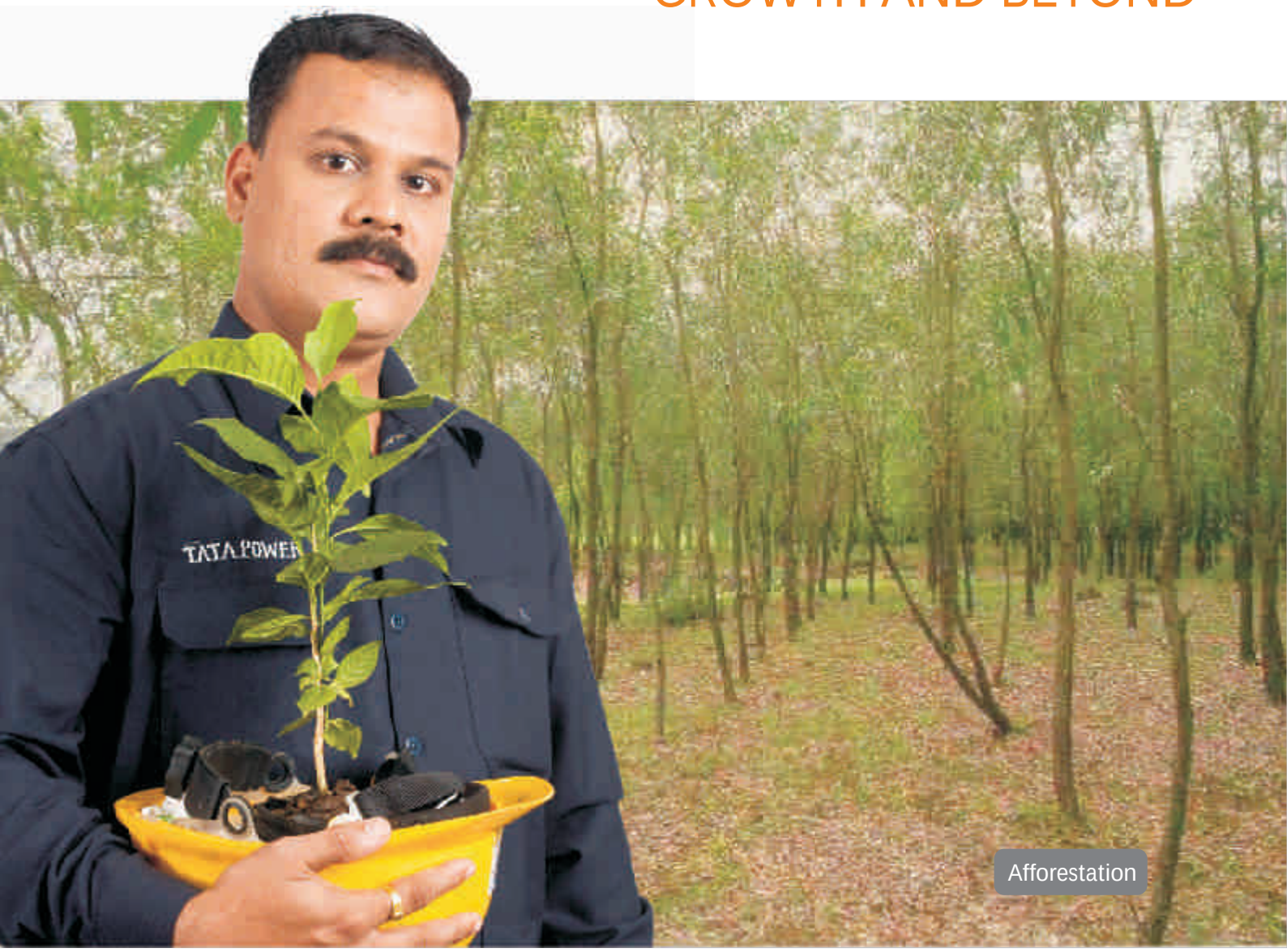
Living by our core values: This shapes the culture and defines the character of our company.

Investing in training and development: We hire the best people and help them become even better.

Providing a supportive work environment: With access to a vast array of resources, Tata Power helps every employee build his career.

Lending a hand to our community: This is an important way to build positive relationships with all our stakeholders and create powerful lasting change.

SUSTAINABLE GROWTH AND BEYOND



Afforestation

As India's largest integrated private power and energy company, we at Tata Power are conscious of our role as sustainability stewards and embrace the challenges of climate change. We strive to lead the path towards growth with responsibility.

Our commitment to this sustainable future has been categorical and consistent. Our sustainability initiatives comprise investments in clean coal technologies; several well-planned projects that generate power from wind, solar, and geothermal energies that are renewable sources; an unflinching commitment towards biodiversity conservation; streamlining water use; and planting thousands of trees in the vicinity of our power plants to reduce our carbon footprint. We are continuously working towards innovating and implementing eco-friendly technologies, and undertaking various projects under the Clean Development Mechanism, including wind power projects and various small-scale energy efficiency projects.

Environment

Over the next five years, Tata Power plans to increase its generation capacity exponentially.
Tata Power has executed a number of measures in order to reduce emissions. Tata Power's power plant emissions are well within the norms laid down by the National Ambient Air Quality Standards (NAAQS).

Sourcing clean coal is another significant way of reducing emissions and increasing efficiency. Tata Power has been consciously exploring clean coal sources, including imports, for its thermal power plants.
Committed to complying with all regulations pertaining to the preservation and enrichment of the environment, Tata Power uses world-class innovative and environment-friendly technologies.

Some of the world-class air pollution control measures taken by the Company's Trombay Thermal plant to ensure clean and reliable power are:

- Flue Gas Desulpharisation plant, first to be installed in any thermal power station in India - Fly-ash aggregate plant for recycling of fly-ash

Corporate Sustainability Initiatives

Energy Conservation Programme

- High efficiency Electrostatic Precipitator
- 275m chimney for minimising ground-level concentration of emissions
- State-of-the-art continuous emission monitoring instruments
- Large-scale afforestation projects in the catchment area of its Hydel Reservoirs

Emissions can also be controlled at the consumer-end through intelligent use of electricity. Tata Power is committed to educating consumers about power conservation measures. Its energy conservation campaign focuses on shifting away from the peak consumption period, intelligent use of high-power using devices such as air-conditioners, responsible electricity consumption behaviour (such as switching off devices from the plug point when not in use) and educating consumers about investing in energy efficient devices.

On a long-terms basis, sustainable power would mean significant investments in renewable energy sources such as hydro, solar and geothermal energies. Tata Power is exploring opportunities for increasing its power generation from renewable sources.

Social

The Company is committed to being sensitive about resource conservation, environment protection and enrichment, and the development of local communities. The Company has continued its focus on Corporate Social Responsibility activities to make a difference to the communities in its area of operations. Over the last thirty years, we have continued to participate in an eco-restoration and ecodevelopment programme in the Western Ghats, which is one of the most sensitive ecosystems in the world. Through this period, over seven million saplings of 60 tree species have been planted. Even today, over 600,000 trees are being planted regularly as a re-forestation measure.

The Company also embarks on several initiatives to spread awareness about saving power, conserving energy and

Vocational Training

Health Camps

combating climate change issues. Educating the masses through mass media about how to curb the wasteful use of electricity has made a difference, while the launch of the Tata Power Energy Club is an effort to address these issues in an interactive manner.

The Tata Power Energy club comprises more than 250 schools wherein the students are taught about curbing energy-wastage. Over one million citizens across nine cities in India, i.e., Mumbai, Pune, Bengaluru, Kolkata, Delhi, Ahmedabad, Jamshedpur, Lonavla, and Belgaum have been sensitized who in turn have saved 10,80,685 units of electricity. This national movement continues to spread the message of energy conservation.

A number of training programmes are carried out for developing self-employment opportunities among the rural population. The Company also carries out regular medical check-ups, provides medicines at its health centres, and carries out a number of health awareness programmes such as eye checkups and blood donation camps at several locations. A Suraksha Rally programme was also organised to promote awareness of HIV/AIDS among students and communities. Community development teams at our new project locations have started interactions with the local community to understand their needs. The positive relationship that has developed has led to a focus on the needs of better infrastructure.

Employment issues have been addressed by hiring locals, allotting shops/cabins/canteens to locals and compiling a database for potential employment through contractors.

Solar Lighting

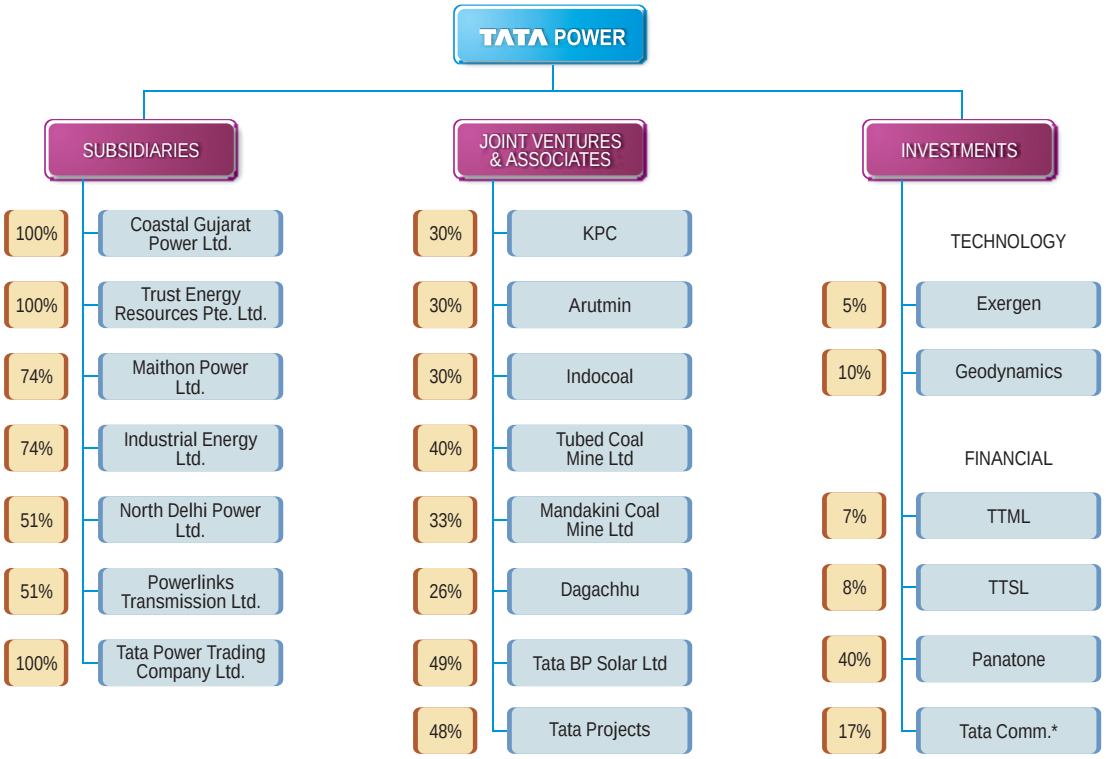
TAKING STRIDES IN BUSINESSES OF INTEREST

Tata Power Trading Company Limited (TPTCL)
It is the trading arm of Tata Power which has expanded its operations to cover the entire country including the North-Eastern states.
TPTCL traded 1711 MUs during the financial year 2009, resulting in an increase in its revenues by 46% to Rs. 882.12 Crores.

The Strategic Electronic Division (SED)
It has been in operation for over 30 years and has been pursuing development and production activities for the Indian defence sector. Over 90% of the company's strategic electronic efforts are executed for the defence sector. The division has long-standing relationships with the Armed Forces and DRDO. The Division has developed specialised equipment for Air Defence and Naval Combat Systems.

Tata BP Solar
It is a 51:49 Joint-Venture between BP Solar and Tata Power, Tata BP Solar is a market leader in Solar Photovoltaic technology in India with a turnover of Rs.1147 crores in FY09. The turnover of the Company in India and the SAARC region is about Rs. 270 crores, with exports to BP Solar accounting for about Rs.877 Crores . Nearly 75% of sales is achieved from exports to Europe and USA.

Tata Power Group - Major Companies



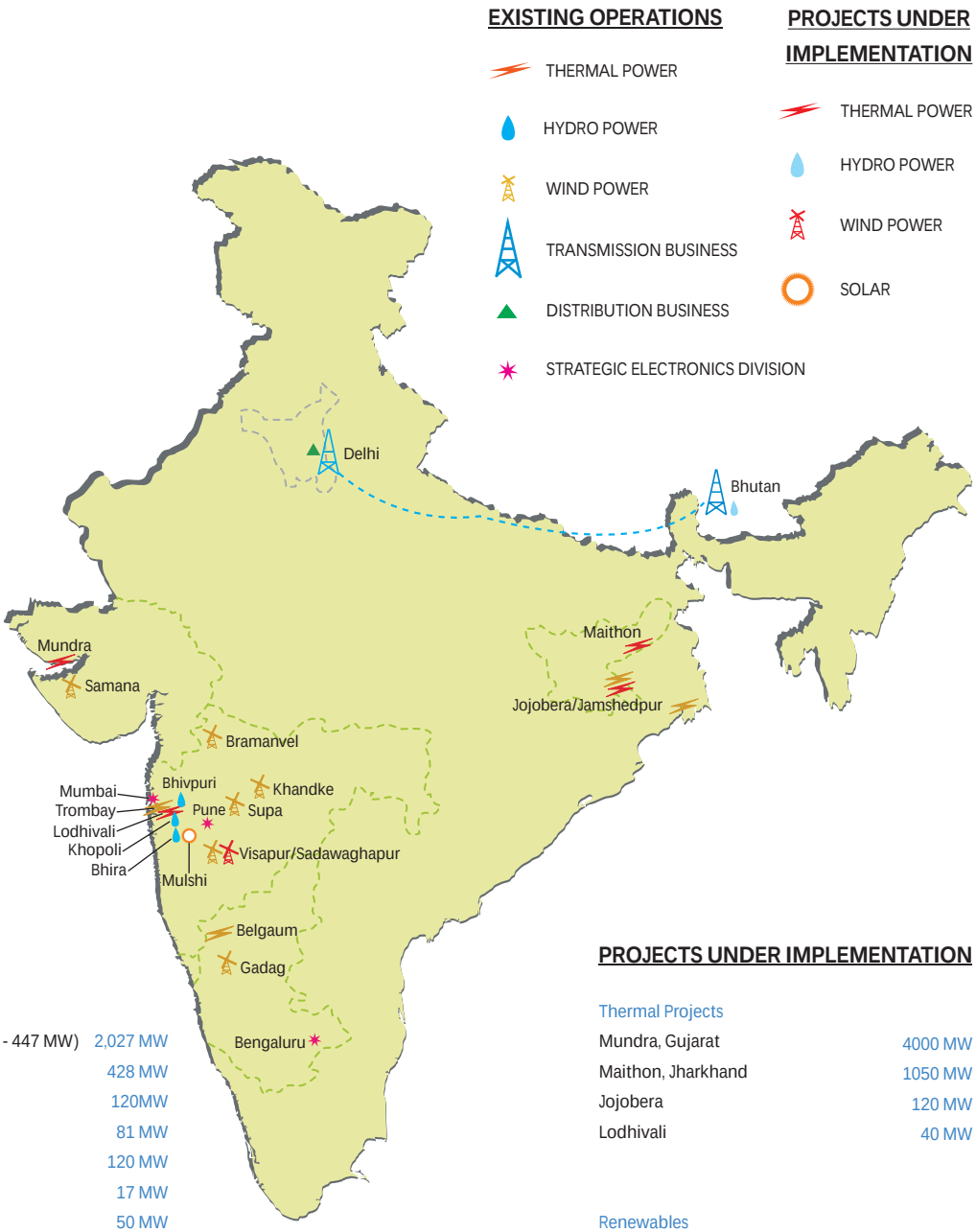
* Includes indirect holding in Tata Comm through Panatone

Financials at a glance

Tata Power: Key Figures (Standalone)

Highlights (Rs. in crores)	FY03	FY04	FY05	FY06	FY07	FY08	FY09	FY10
Revenues from operations	4300	4239	3930	4563	4715	5916	7236	7098
Other Income	152	160	387	326	344	498	632	282
PBDIT	1336	1447	1340	1161	1067	1435	1773	2160
PBT	677	734	759	747	586	970	1117	1259
PAT	520	509	551	611	697	870	922	939
Net Profit after Tax and Statutory Appropriations	450	467	555	575	674	811	968	948
Earnings Per Share (EPS) Rs./Share	22.74	23.56	28.02	29.03	34.02	38.64	43.69	40.77
Dividend Per Share (%)	65	70	75	85	95	105	115	120
Return on Capital Employed (ROCE) (%)	18	18	14	13	12	12	11	11
Return on Net Worth (RONW) (%)	14	13	15	14	15	13	14	10
Total Debt/Equity	0.51	0.34	0.56	0.50	0.60	0.38	0.60	0.55
Net Worth	3201	3536	3619	4010	4467	6363	7185	9132

National Footprint



EXISTING OPERATIONS

Mumbai, Maharashtra	
(Trombay - 1,330 MW + Unit 8 - 250 MW + Hydro - 447 MW)	2,027 MW
Jojobera, Jharkhand	428 MW
Power House # 6, Jamshedpur	120MW
Belgaum, Karnataka	81 MW
Haldia, West Bengal	120 MW
Supa, Maharashtra	17 MW
Khandke, Maharashtra	50 MW
Bramanvel, Maharashtra	11 MW
Gadag, Karnataka	50 MW
Samana, Gujarat	50 MW
Sadawaghapur, Maharashtra	18 MW
Visapur, Maharashtra	4 MW
NDPL (Distribution)	1259 MW
Powerlinks (Tala Transmission)	1200 KM

PROJECTS UNDER IMPLEMENTATION

Thermal Projects	
Mundra, Gujarat	4000 MW
Maithon, Jharkhand	1050 MW
Jojobera	120 MW
Lodhivali	40 MW
Renewables	
Visapur, Maharashtra (Wind)	94 MW
Mulshi, Maharashtra (Solar)	3 MW
Hydro Project	
Bhutan	114 MW

For graphical representation only.
Not to scale.

HISTORY IN THE MAKING

1915 : First hydro electric power generating station commissioned at Khopoli with an installed capacity of 40 MW, which was subsequently upgraded to 72 MW.

1922 : Commissioned another hydro power station at Bhivpuri with an installed capacity of 40 MW, subsequently upgraded to 72 MW.

1927: Third Hydro power station of 90 MW capacity comes up at Bhira, which was subsequently upgraded to 150 MW.

1956: To meet the increasing demand of electricity, a major thermal power station of 62.5 MW capacity is commissioned at Trombay.

1957 & 1960 : Two more thermal units of similar capacity i.e. 62.5 MW, commissioned at Trombay.

1965 : Fourth thermal unit of 150 MW capacity comes on line at Trombay.

1984: India's first 500 MW generating unit with multi-fuel burning capability is commissioned at Trombay.

1990: Second 500 MW thermal unit comes up at Trombay.

1994: A gas-based 180 MW capacity combined cycle plant is commissioned to provide quick-start capacity to Trombay Thermal Station and to ensure reliable and uninterrupted supply for essential services in Mumbai.

1996 : The 150 MW Pumped Storage Unit at Bhira was commissioned. 67.5 MW Thermal Power Plant at Jojobera (Jharkhand) comes into existence.

2000 : The Tata Hydro-Electric Co. Ltd., The Andhra Valley Power Supply Co. Ltd., and the Tata Power Co. Ltd., are amalgamated to become one entity- The Tata Power Company Limited. 120 MW Jojobera Unit#2 is commissioned.

2001: 81.3 MW Diesel Generator based plant set up at Belgaum, Karnataka.

2003: Tata Power enters into a joint venture with PowerGrid Corporation of India Ltd., to develop a 1200 Km long transmission line to bring electricity from Bhutan to Delhi.

2004: Tata Power floats a wholly owned subsidiary for the power trading business, known as Tata Power Trading Co. Ltd.

2005: Unit # 4 of 120 MW capacity at Jojobera is commissioned.

Corporate Fact Sheet

2006 & 2007 : Tata Power completes the acquisition of 30% equity in Indonesian Coal Mines, PT Kaltim Prima Coal (KPC), and PT Arutmin Indonesia, as well as trading companies from PT Bumi Resources.
Ministry of Coal has allotted Mandakini Coal Block in Orissa jointly to Tata Power, Jindal Photo and Monnet Ispat; and Tubed Coal Block in Jharkhand with Hindalco.
The 50.4 MW Khandke Wind Farm Project is completed in 3rd quarter of FY 08.

2008 : Unit 1 of 2 x 45 MW Phase of Haldia Project is synchronised with the grid. The 250 MW (Unit #8) expansion project at Trombay is commissioned.

2009: The 120 MW Power House # 6 at Tata Steel Works, Jamshedpur is commissioned on 27th August 2009.
2010 to the present: The Company is actively pursuing setting up the mega power project of 2400 MW capacity in coastal Maharashtra.
The 120 MW Unit # 5 at Jojobera will be commissioned shortly.
Tata Power is bringing in the first 4000 MW Ultra Mega Power Project of India at Mundra, Gujarat, based on super critical technology. The first of the five units of 800 MW capacity will be commissioned in September 2011.

The 1050 MW Maithon Joint Venture Project with Damodar Valley Corporation is progressing as scheduled and is expected to be commissioned by FY 2011.

The Company has charted out aggressive growth plans for the generation of 10,000 MW generation in the next five years.

Our Pioneering Initiatives

- Bringing the first 800 MW Thermal unit to India based on super-critical technology for Mundra UMPP
- Commissioning the first 500 MW Thermal Unit in India
- Commissioning the first 150 MW Thermal Unit in the country
- Touch-screen based Distributed Digital Control and Energy Management Systems
- Computerised Grid Control and Energy Management Systems
- 220 KV Transmission Lines on Four-Circuit Towers
- 220 KV Underground Cable Transmission Network
- Flue Gas Desulpharisation plant using sea water
- Operators Training Simulators for 150 MW, 500 MW Thermal Power Plants and Switchyard Operations
- Fly-ash Aggregate plant of 200,000 tonne per year to convert fly-ash into useful building material
- 150 MW Reversible Hydro Pumped Storage Unit

TATA POWER

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