





A unique and innovative approach geared towards  
consistent growth,  
whilst meeting the ever-growing energy requirements.

Sharing nature's abundance with everyone is the  
responsibility of one and all and providing it through the best means possible whilst  
ensuring its sustainability is the duty of Jindal Power Ltd.





Gateway to JPL Plant, Tamnar



**Late Shri O. P. Jindal**

An extraordinary visionary whose dynamic and futuristic thinking led to the building of a professional organization and a self-sufficient India.







An aerial view of JSPL Plant, Raigarh



## Jindal Steel & Power Limited

With an annual turnover of US\$ 2.3 billion Jindal Steel & Power Ltd. (JSPL) is a part of US\$ 12 billion O.P. Jindal Group, is a leading trans-national player in steel, power, mining, oil & gas and infrastructure sectors with a presence across Asia (Indonesia, Nepal, Mongolia and Oman), Africa, South America (Bolivia & Brazil) and Europe. Under the leadership of Mr. Naveen Jindal, the company is diversifying its investment strategies, relentlessly pursuing opportunities to expand in its core areas and moving into high growth markets.

From the widest flat products and a whole range of long products to contemporary parallel flange beams, JSPL offers a product to answer every need in the steel market. It produces the world's longest 121 meter rails, has pioneered parallel flange beams in a variety of sizes and plates and coils up to 3.5 metre. In the offing are a plate mill to produce up to 4.85 m wide plates at Angul, Odisha, an operational wire rod mill at Patratu, Jharkhand and a medium and light structural mill at Raigarh, Chhattisgarh. With these pioneering products at our state-of-the-art and world-class facilities, JSPL aims to grow even faster and contribute substantially to India's growth and prosperity.

JSPL has powered many ground-breaking initiatives, the latest being the Coal to Liquid project. The company is investing close to US\$ 9 billion (Rs. 45,000 crores) on the Ramchandi Promotional Coal Block in Odisha to produce an estimated 80,000 barrels per day (4.0 MMTPA) crude using environment-friendly indirect coal liquefaction technology from M/s. Lurgi of Germany. JSPL has also acquired the development rights for 20 billion tonne of El Mutun Iron Ore Reserves in Bolivia, South America. Jindal Steel Bolivia S.A. (JSB) will invest US\$ 2.1 billion on building steel, sponge iron, iron ore pellet and a power plant. With coal reserves of 150 MT in Indonesia, the search for mines continues from Mozambique to Madagascar and for diamonds in Democratic Republic of Congo and the states of Chhattisgarh & Jharkhand in India.



## Jindal Power Limited

Jindal Power Ltd. (JPL), a company promoted by JSPL envisions establishing a sustainable growth module to meet the ever increasing energy demands of the country. With a unique approach towards amalgamating diverse forms of power generation like Hydro, Thermal and Solar, JPL has been contributing to the growing needs of power in the country, since its inception in 1995.

In its quest to meet the ever accelerating demands in the Industrial and Social development sector, JPL has set up India's first mega power project in the private sector at Tamnar, Raigarh (Chhattisgarh).

It is a fully integrated project, with captive coal mines from which more than 5.2 MT of coal has been excavated in the fiscal 2010. A 6.9 km conveyer pipeline has been set up for transportation of coal between the coal mines and the plant. The company has constructed a 258 km long, 400 KV double circuit transmission line from the plant to the PGCIL sub-station at Raipur through which power can be sold anywhere in India. For meeting the plant's consumptive water requirement, an 18 m high dam over the river Kurket has been built which is 25 km away from the plant site.

A unique insight into technological innovation and advancement at JPL has led to an increase in the company's potential to take up challenging initiatives and explore newer opportunities in several other regions countrywide. The company is all set to start new projects in Jharkhand, Chhattisgarh and Arunachal Pradesh.

Jindal Power Limited plans to expand its capacity at Tamnar by setting up an additional 2400 MW thermal power plant. The company has already placed an order with Bharat Heavy Electricals Limited for supply, erection and commissioning of 4x600 MW Boiler Turbine Generation (BTG) package. JPL has also signed an MoU with the State Government of Jharkhand to set up a 2640 MW thermal power plant in the state.

In the Hydro sector, JPL has signed agreements for 6100 MW projects in Arunachal Pradesh in joint venture with the Hydro Power Development Corporation of Arunachal Pradesh Limited.





Clean and Green Power Plant at Tamnar





Turbine floor of 4x250 MW Power Plant at Tamnar

were commissioned within a short span of nine months. The 1000 MW Power Plant was set up with 4 sets of Boiler Turbine Generator Packages (250 MW each) supplied by Bharat Heavy Electrical Ltd. (BHEL). Units and equipments are operated at design parameters.

## Our Legacy Exemplified

### Existing Plants

JPL is India's first private sector entity to have successfully set up a mega power project - the 1000 MW Thermal Power Plant at Raigarh, Chhattisgarh. The company has invested approximately US\$ 1 billion for setting up the power plant which commenced commercial operations of its 1st unit in December 2007 and all four units (250 MW each)



Central control room of Power Plant-Tamnar



18 meter high dam on river Kurket

## Self Sufficiency

### Dam

JPL has constructed an 18 meter high dam over the river Kurket to meet the consumptive water requirement for the 1000 MW Thermal Power Plant at Raigarh, Chhattisgarh with its own water pipeline.







Open cast coal mines at Dongamahua, Raigarh

# Meeting Demands, Sustaining Empowerment

## Coal mines

The fuel requirement for the plant is huge. This demand is met through the coal produced by the company's captive coal mines. Located about 7 km from the plant, at Dongamahua, the total coal reserve of the mine is 246 MTPA.





## Enhancing Ease in Power Transmission

### Transmission line

JPL has established a 258 km long, 400 KV double circuit transmission line from Raigarh to the PGCIL sub-station at Raipur, from where power can be distributed throughout the country.



Transmission line



6.9 km long conveyor belt

## Employing Convenience

### Conveyor belt

A 6.9 km conveyer pipeline has been setup for transportation of coal between the company's captive mines and the plant.



# Outlook

Steel and Power are the building blocks of our nation, our stairway to growth and self sufficiency. We are gearing ourselves to help realize the Government's vision of "Power for all" by 2012.

We are working towards the Government's mission of making India a power surplus country.





## Future Expansions

We, at JPL, recognize the importance of clean, green, renewable energy for sustainable growth. In line with this philosophy, we are working towards ushering in a greener tomorrow with hydroelectric and solar energy projects.

### Chhattisgarh

JPL has plans to enhance power generation by setting up a 2400 MW (4x600 MW) capacity thermal power plant (as part of its expansion of the 1000 MW existing power plant at Tamnar) with an estimated project cost of Rs. 13,410 crore. Power evacuation will be done through the proposed pooling station to be built by the Power Grid Corporation of India Limited (PGCIL) near the plant.

### Jharkhand

The company has entered into an MoU with the Government of Jharkhand for setting up a 2640 MW (4x660 MW) capacity power plant in the state.

Other projects in the state include\*

- 1320 MW coal based power project in Dumka, Jharkhand.
- 660 MW coal based power project in Godda, Jharkhand.

\*The projects were being developed previously by JSPL and are being assigned to JPL subject to various regulatory approvals.

### Arunachal Pradesh

In its effort to harness power, JPL has entered into joint venture agreements with the Hydro Power Development Corporation of Arunachal Pradesh Limited (HPDCAPL) for setting up a 4000 MW Etalin Hydroelectric project, 500 MW Attunil Hydroelectric project and 1600 MW Subansiri Middle Hydroelectric project in Arunachal Pradesh.

### Nepal

JPL plans to set up a 454 MW Hydroelectric power plant in Chainpur Seti, Nepal.



# The Power of Green

## Environmental Conservation

In coordination with local forest departments in and around our plant areas, the company is developing extensive green belts for environmental sustainability. JPL has taken several measures for environmental conservation like installing efficient air pollution control devices, use recycled waste water, installing wet and dry ash collection systems for fly ash management and carrying out environmental awareness campaigns.





Self help group for women empowerment

We are committed to the protection of the environment and the promotion of responsible corporate policies that conserve and optimally utilize resources and at the same time, sustain our economic growth. We are also committed towards developing environmental friendly projects.

We comply with all statutory requirements, environmental regulations and quality standards as per the guidelines published by the Ministry of Environment & Forests, Government of India, from time to time. We equip our power projects with devices for the control of pollutants to reach levels within required norms.



# Corporate Social Responsibility

In accordance with the philosophy of Late Shri O.P. Jindal, JPL has always believed in inclusive growth, taking along the communities around its plants, endeavoring to improve the quality of life of the people in the areas it operates in. As part of the legacy, we have undertaken projects like village adoption schemes, infrastructure upgradation and social welfare projects.





Education Initiative

JPL believes that overall sustainable community development is essential for the growth of any industry. The O.P. Jindal Samaj Kalyan Samiti works with the underprivileged communities supports local professional development and enhances the quality of life in villages through better educational standards, healthcare facilities and civic amenities.



Our efforts towards CSR led to the successful adoption of six villages in Tamnar in 2007. Subsequently, 32 villages were added to this list and included in different welfare programmes focused on sectors like Education, Building, Health and Family Welfare, Animal Husbandry, Infrastructure Development, Employment Opportunities, Empowerment of Women and Income generation.

JPL has undertaken many activities of social responsibility that have helped the rural sector lend an influential weight towards the growth of the nation. Working towards raising awareness about health and hygiene practices, we have established Free Medical Camps in 56 villages, focused towards improvement in the health status of villagers curing more than 3,500 villagers.



Health Awareness Camp





Community initiative

Other programmes that JPL has been involved in include supply of potable drinking water in villages, access to drinking water and reduction in water borne diseases. Emphasis has also been given to making 1,179 families comfortable during the winter season through distribution of blankets and other accessories.

Promotion of Animal Husbandry, Solar Light Distribution, Overhead Electrification in villages, Free Computer Training Programme for the rural youth, Skill Development of rural women and Creation of recreational alternatives in villages and encouragement to rural youth in terms of sports are other areas covered in our Corporate Social Responsibility agenda.





JPL also focuses on providing proper healthcare to villagers and eradicating diseases such as malaria and filarial. In addition, the company has organized various mobile medical camps, family planning camps and AIDS awareness camps in these villages.

## Educational Infrastructure

The Jindal Institute of Power Technology (JIPT), was established by the Jindal Education and Welfare Society, an entity associated with JSPL to contribute towards creating a national pool of trained workforce on power generation and management. The institute's objective is to develop competent and skilled manpower of international standards by imparting technical and vocational training skills in appropriate occupations. JIPT conducts specialised need-based training programmes as well as power specific graduate and post-graduate programmes, involving research, innovation, refurbishment and modernisation of power plant processes and equipments.



## Accreditations

Our power project in Tamnar, Raigarh has been awarded the following certifications:

ISO9001:2000 Certificate of Registration (Certificate No. CI/10752) for thermal power plant, Tamnar, Raigarh (Chhattisgarh) for operating Quality Management System conforming to ISO 14001:2004 for the generation of electricity by operating coal based thermal power plant (4x250 MW) and the power transmission to the grid by Certification International (UK) Limited.

OHSAS 18001:2007: Certificate of Registration (Certificate No. CI/10752HS) for Thermal Power Plant, Tamnar, Raigarh (Chhattisgarh) for operating a Safety Management System conforming to OHSAS 18001:2007 for the generation of electricity by operating coal-based Thermal Power Plant (4x250MW) and transmission of power to the grid by Certification International (UK) Limited.

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**Disclaimer:**

"The Company is proposing, subject to market conditions and other considerations, a public issue of its equity shares and has filed a Draft Red Herring Prospectus with the Securities and Exchange Board of India ("SEBI"). The Draft Red Herring Prospectus is available on the website of SEBI at [www.sebi.gov.in](http://www.sebi.gov.in) and the respective websites of the IRFMs at [www.jnfinfra.in](http://www.jnfinfra.in), [www.enam.com](http://www.enam.com), [www.zb.com/india](http://www.zb.com/india), [www.goldmansachs.com](http://www.goldmansachs.com), [www.icicisecurities.com](http://www.icicisecurities.com), [www.sbiops.com](http://www.sbiops.com), [www.ubs.com/indiaoffers](http://www.ubs.com/indiaoffers) and [www.notifalocal.com](http://www.notifalocal.com).

Investors should note that investment in equity shares involves a high degree of risk and are requested to refer to the section titled "Risk Factors" of the DRHP for details of the same. These materials are not an offer for sale of the equity shares in the United States. The equity shares may not be offered or sold in the United States absent registration or an exemption from registration under the U.S. Securities Act of 1933, as amended. The Company does not intend to register any portion of the offering in the United States or to conduct a public offering of Securities in the United States."





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