

## Future Power scenario in Jharkhand :

Keeping in view the future demand of energy, the country requires doubling its generation by 2012. This requires a massive investment in the sector and to help the sector, Electricity Act 2003 provides the lead, by making provision for the private investment to play vital role. For economising the cost of generation certain steps will help such as:

1. Cost of transporting coal will reduce the cost of generation to a grate extent.
2. For thermal power, generation plants can be installed where coal, water and transmission line are easily available at cheaper rate.
3. Cheap land and labour will also reduce the cost of generation.

With above points in mind, Jharkhand seems to be an obvious choice for setting up generating plants. Jharkhand has about 33% of nation's steam coal reserve, it has water, cheap labour and the State Government has promised easy availability of land for setting of plants. Transporting coal will be costlier than transmitting energy to any part of the country.

With above considerations numbers of power plants are likely to come up in Jharkhand. Central Government too is deciding to allot coal seam/ mines to the power plants. As on date following are the power plants that are cleared or under process for set up here:

S.No.	Plan at	Capacity in MWs	Being developed by
1.	Koderma	2x500	DVC
2.	Ramgarh	2x500	DVC
3.	Bokaro	500	DVC
4.	Maithan (Dhanbad)	500	DVC
5.	Karanpura (Hazaribag)	3x660	NTPC
6.	JojoBera (Jamshedpur)	120	TATA Powers
7.	Chandil	2x500	TATA Powers
8.	Chandil	2x500	Sound Craft M'bai.
9.	Dumka	2x110	KSK H'bad .
10.	Tenughat(Extension)	3x210	TVNL
11.	Patratu(Extension)	2x210	JSEB

Apart from the thermal power plants emphasis is also being given to hydro- power development. Sites numbering 90 have been identified for mini hydal plants and the State Government have opened them for private entrepreneurs.

The above facts point to the fact that Jharkhand has a great potential for power generation and also for investment in transmission lines and all this will add to the work of JSERC for power generation tariff fixation and also the wheeling charges.