

WIND ENERGY



Power is a critical infrastructure for development process and due to constant demand of the power over the supply and consequently environments and ecological hazards associated with the power generation through fossils fuels, has resulted a worldwide concerned and increasing the importance for renewable sources like Solar Energy, Wind Energy and Bio Energy. Also the resources of fossils fuels is very limited where as renewable sources are ample in

nature from where the energy can be harnessed. It's a green energy, environmentally friendly and cheaper source of electric energy. India is having huge proven potentials to harness the Wind Energy. Wind Energy Projects are also awarded carbon credits, carbon emission ratings and carbon credits are internationally tradeable.

In line with the Government policy, to promote non-conventional source of Energy, Manganese Ore (India) Limited has installed a 4.8 MW (6 x 800 KW) Wind Energy Farm at Nagda Hills, Village Rajoda, Distt. Dewas for Captive Use of its mine and plant situated in Balaghat district in MP with a total cost of Rs. 22.2 Crores. 4.8 MW Wind Energy Farm consisting of 6 machines of 800 KW, EN-48 Enercon Make having synchronous generator, gear less technology, erected on tubular tower, to harness the wind energy. This 4.8 MW wind energy farm has been connected to the grid on 30th June 2006 and since then till August 2007, it has produced about 12 Million units KWh which has been credited to our HT Point i.e. Balaghat Mine and Ferro Manganese Plant at Balaghat District.

Energy Generated through wind has been credited into our HT point which has reduced the power bill of Balaghat Mine and Ferro Manganese Plant substantially. During 2006-07 i.e. from July 06 to March 2007 company has received the credit of about 65 Lacs units after deducting the wheeling charges, in turn about Rs. 3.00 Crores have been saved in power bill. Further Company has also decided to install about 15.0 MW Wind Energy Farm in MP for Sale to Utility as well as Captive use as the case may be.

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