

TENUGHAT VIDYUT NIGAM LIMITED-AN INTRODUCTION

Tenughat Vidyut Nigam Limited is a power generating company incorporated on 26.11.1987 under Indian Company's Act, 1956. TVNL, a Govt. of Jharkhand Undertaking is having its corporate office at Ranchi.

The project site known as Tenughat Thermal Power Station (TTPS) is located at village Lalpania in Dist-Bokaro. The project is situated on the bank of Tenughat reservoir. The nearest railway station is Gomia which is at a distance of 20 KM approx. and the nearest airport is Ranchi which is at a distance of approx. 100 KM by road. The project site at Lalpania has a well developed colony with essential facilities like school, hospital, bank, post office, marketing complex etc.

The total installed capacity of Tenughat Thermal Power Station is 420MW having two units of 210 MW capacity each. The first unit of 210MW was put under commercial operation in September 1996 and second unit of 210MW in September 1997.

The daily requirement of coal for full load generation from its 2x210 MW units is a approximately 7000 MTs which is met from coal mines of CCL situated in the vicinity of plant within 50 Kms.

The organization is being managed by a dedicated team of 565 employees.

TTPS has an acquired land of approx. 1800 acre. The project was earlier envisaged to be developed in three phases with an ultimate capacity of 1550MW (2x210MW+ 3X210MW+ 1X500MW).

TVNL has planned its future expansion at existing site by addition of 2x660 MW units. It is also planning for setting up a 2x660 MW green field project near Rajbar Coal Block.

TVNL owns three coal blocks located at Badam, Gondulpara & Rajbar (E&D) all within the State of Jharkhand. The Gondulpara coal block is allotted jointly with DVC on 50:50 sharing basis. TVNL has already formed as JV Company with EMTA for the development of Badam & Gondulpara coal blocks. Detailed exploration work of Rajbar completed and GR is under preparation. The estimated reserve of Badam coal block is 144 MMT, Gondulpara is 165 MMT and Rajbar (E&D) is 385 MMT.