

PROJECT NOTE

220KV DOUBLE CIRCUIT TRANSMISSION LINE FROM NAGOTHANE TO WADKHAL SUB-STATION.

The MSETCL (MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.) had taken in hand the work of laying of 220KV Double Circuit Transmission line from 400/220KV Nagothane (Kansai) Substation to 220KV Wadkhal (Dolvi) substation, as a part of strengthening of extra high voltage transmission network in Raigad district as well as increasing capacity of MSETCL 220kv wadkhal substation in the year 2006. As per member of board resolution No – 391 dt.08.04.1993 to provide continuous power supply to consumer around Wadkhal and PEN area. It was necessary to increase the power capacity of 220 Kv Wadkhal Substation.

As such it is necessary to construct the 220 Kv Tr line from 400/220 Kv Nagothane substation for increasing / strengthening the capacity of 220 Kv Wadkhal substation. This 220 Kv D/C Tr line route passes through Nagothane (Kansai) to Wadkhal (Dolvi) . The total route length approx 30 Km. At this stage total route length is approx 8 Km. for carrying out stringing work over forest area in respect of 220 KV D/C Transmission line from Existing Old 220 KV Nagothane (Kansai) Substation to Existing Old 220 KV line (Velshet) modified as per new plan. The line over forest area passes through villages in between Nagothane (Kansai) to Velshet Dist Raigad, total forest area involved 1.8947 hectare.

Now the work of Tr – line such as survey, foundation, erection, stringing has to be done. The ORC scheme sanction under MBR no.63 dt 23.01.2014 and also the scheme approved by Govt. Of Maharashtra, energy deptt. Vide letter no.9159, Dated – 25.07.2014 and Gazette notification No.MSETCL/CO/P&D/S&C/DDF/PN/9727, published in Ram prahar news paper Raigad on dt 19.08.2014.

As per provision of section 68 of the electricity act 2003 and section 10 of Indian telegraph act (Part 3) 1885 the MSETCL is empowered to lay the transmission lines for transmission and distribution of the electricity.

Direct Benefits from this Transmission Line

- * Fullfillment of the power requirement in Pen, Raigad region, domestic, commercial & industrial consumers.
- * Accelerated growth of Raigad area.
- * Improved scope for industrialisation.

Indirect Benefits from this Transmission Line

- * Accelerated Economic developement of Raigad Region.
- * More employment due to industrialisation..


The proposed Transmission Line will therefore serve not only as an economic gateway to the Pen, Raigad region, but also as a panacea for the power/Electricity problems being faced by Raigad area. In this context, the proposed Transmission line has become necessity for the state Government.

The estimated cost of the total project is about INR 28 Crs. ,At present total cost for Rs. 10 Crs. proposed project for carrying out stringing work over forest area in respect of 220 KV D/C Transmission line from Existing Old 220 KV Nagothane (Kansai) Substation to Existing Old 220 KV line (Velshet) is required. The major length of the Line is passing through agricultural / private land. Out of our total land requirement, some land is the Reserved Forest, Protected Forest and Private Forest. The details of the forest land are as per item wise brake up area statement attached with proposal.

The Reserved Forest, Protected Forest and Private Forest Land Tal Roha Dist Raigad admeasuring 1.8947 ha. area is required for carrying out stringing work over forest area in respect of 220 KV D/C Transmission line from Existing Old 220 KV Nagothane (Kansai) Substation to Existing Old 220 KV line (Velshet) Tal – Roha Dist-Raigad Maharashtra. The details are enclosed in the statement. Any non-forest activities have not undertaken in the above mentioned area. MSETCL is willing to pay all the necessary costs as per Government of India's norms. All Non-Forest activities mentioned in the proposal will be carried out after approval from Forest Department.

Project Authority

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