

## **JUSTIFICATION NOTE**

### **DIVERSION OF 11.11 HA. FOREST LAND FOR CONSTRUCTION & LAYING OF 220KV LILO M/C TRANSMISSION LINE ON 220KV TARAPUR - BORIVALI & BOISAR GHODBANDAR TR. LINE FOR 400KV KUDUS SUB STATION PASSING THROUGH THANE & PALGHAR DISTRICT**

With reference to above subject, it is to state that total 11.11 Ha forest land for The construction & laying of 220kv M/C transmission line from villages of Thane & Palghar district . The proposal under forest Conservation Act 1980 is being submitted for the approval of the Central Government for diversion of 11.11 Ha. Forest land in villages Kondhale, Usar, Mangathane, Nare, Musarne, Ghonsai, Dakivali, Lohape, Kelthan, Nimbavli, Gorad, Kalbhon, Navsai, Ambode, Bhinar, Adne, Bhatane and Khaniwade, District- Thane & Palghar.

The construction & laying of 220kv M/C transmission line from villages of Thane district . The proposal under forest Conservation Act 1980 is being submitted for the approval of the Central Government for diversion of 11.11Ha. Forest land in villages Kondhale, Usar, Mangathane, Nare, Musarne, Ghonsai, Dakivali, Lohape, Kelthan, Nimbavli, Gorad, Kalbhon, Navsai, Ambode, Bhinar. Adne, Bhatane and Khaniwade, District- Thane & Palghar.

Total 11.11 Ha forest land for the construction & laying of 220kv M/C LILO on Tarapur -Borivali & Boisar-Ghodbandar transmission line for 400kv Kudus SS. The 400kv Kudus SS is connected with Central utility power supply with their existing 220Kv lines. In order to meet present and future power demand of Mumbai, Mumbai-suburban areas, Thane urban & Thane rural, areas under Palghar district etc. i.e. strengthening of power supply in Mumbai region which is commercial capital of India. Further, in present scenario there is heavy load sheading due to lack of power supply, hence for avoiding the load shading of power, Maharashtra State Electricity Transmission Company Limited has sanction plans to construct and operate 220kv M/C LILO on Tarapur -Borivali & Boisar-Ghodbandar transmission line for 400kv Kudus SS. This transmission line belt is very essential in to construct and operate 220kv M/C LILO on Tarapur -Borivali & Boisar-Ghodbandar transmission line for 400kv Kudus SS for zero load shedding to be




implemented w.e.f. 2021 and for industrial growth of Mumbai, Thane & Palghar District for future upcoming Central & Maharashtra government projects.

The above line will also be beneficial for meeting the load demand of Industrial area in wada area which may increase the employment in tribal area of Palghar District. Looking to the existing condition of power generation units and for increment in the present power requirement in Maharashtra State, the related work are being taken up on priority by Maharashtra Government and same is continuously monitored by Prime Minister Office (PMO). In view of this, MSETCL has decided to improve the supply of power requirement by constructing new transmission lines. The proposed scheme of construction and laying of 220kv transmission line is also one of them. While doing the survey work of laying and construction of 220kv M/C LILO on Boisar-Borivali & Boisar-Ghodbandar transmission line for 400kv Kudus SS, the line alignment survey was carried out avoiding new housing layout, schemes are rapidly growing at Thane & Palghar district villages, ponds, dense forest as well as existing electric lines, etc. MSETCL have carried out detailed route survey of the alignment of the proposed line to avoid reserve forest which is fairly dense forest for route of the alignment, every care was taken to avoid populated villages, habitations; place of archeological and religious importance, dams, etc.

Three alternative alignments were proposed and finally alignment-I selected which is involved minimum forest area. Hence the proposed forest area is unavoidable. As such while doing so, it was observed that the proposed line, alignment is crossing almost through non forest area, i.e. are under cultivation and also avoiding big trees having religious importance. The alignment of the proposed line involves few patches of forest area. The route of this transmission line as proposed by MSETCL is only possible and to achieve this proposed line of total length is 29.331Kms, out of this total length 3.174kms length is passing through unavoidable reserve forest. Protected forest and Zudapi jungle land of Thane & Palghar district. MSETCL explored the entire available alternative route so as to ensure that minimum forest land should be affected. The final route so selected involves the forest land which is barest minimum.

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