

JUSTIFICATION NOTE

DIVERSION OF 12.74 HA. FOREST LAND FOR CONSTRUCTION & LAYING OF 220KV LILO D/C TRANSMISSION LINE ON 220KV PADGHE-WADA & KOLSHET WAD TR. LINE FOR 220KV ABHITGHAR SUB STATION PASSING THROUGH PALGHAR DISTRICT

With reference to above subject, it is to state that total 12.74 Ha forest land involves for the construction & laying of 220KV D/C transmission line from villages of Palghar district.

The proposal under forest Conservation Act 1980 is being submitted for the approval of the Central Government for diversion of 12.64 Ha Forest land in villages Gates Khurd, Neharoli, Gates Budruk, Chikhal, Goleghar, Bavali, Abhitghar, District- Palghar.

After scrutiny at various levels, now total 12.74 Ha forest land involves for the construction & laying of 220kv DC LILO on 220KV Padghe-Wada& Kolshet Wada transmission line for 200kv Abhitghar SS. In order to meet the present and future power demand of Thane Urban & Thane Rural areas under Palghar District etc. Further, in present scenario there is heavy load sheading due to lack of power supply ,hence for avoiding the load sheadding of power, Maharashtra State Electricity Transmission Company Limited has sanction plans to construct and operate 220kv DC LILO on 220KV Padghe-Wada& Kolshet Wada transmission line for 220kv Abhitghar SS. This transmission line belt is very essential to construct and operate 220kv DC LILO on 220KV Padghe-Wada& Kolshet Wada transmission line for 220kv Abhitghar SS for zero load shedding to be implemented i.e.f 2022 and for industrial growth of Palghar District for future upcoming Central & Maharashtra Government projects.

The above line will also beneficial for meeting the load demand of industrial area in Wada area which may increase the employment in tribunal area of Palghar District. Looking to the existing condition of power generation units and for increment in present power requirement in Maharashtra State, the related works are being taken up on priority by Maharashtra Government. In view of this, MSETCL has decided to improve the supply of power requirement by constructing new transmission lines .The proposed scheme construction and lying of 220KV Transmission is also one of them.

While doing the survey work of lying and construction of 220kv DC LILO on 220KV Padghe-Wada& Kolshet Wada transmission line for 220kv Abhitghar SS, the line alignment survey was carried out avoiding new housing layout; schemes are rapidly growing at 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, damns, 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 8.946Kms, out of this total length 3.641 Kms length is passing through unavoidable reserve Forest. Protected Forest and zudapi,jungle land of Thane 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.



(Vijay Aware)
Executive Engineer
EHV Project Division, Kalyan