

PROJECT NOTE

DIVERSION OF 20.5983 HA. FOREST LAND FOR CONSTRUCTION & LAYING OF 132KV LILO D/C TRANSMISSION LINE ON 132KV D/C BOISAR-DAHANU(MIDC) TR. LINE FOR 220KV PALGHAR SUB STATION PASSING THROUGH PALGHAR DISTRICT

Administrative Sanction :-

The project has been approved administratively by Government of Maharashtra, Industry, Energy and Labour Department, Mantralaya, Mumbai- 400032. This transmission line sanctioned vide MBR NO. 121/4 DT. 27.9.2017 with an estimate cost of Rs.7117.58 Lakh.

Brief Note:-

The construction & laying of 132kv 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 21.68 Ha Forest land in villages Popharan, Unbhat,Uchhali,Pathravali,Tembhi,PamKumbhavali,Agvan,Dapoli,Morekuran,Palghar.District- Palghar.

Total 21.68 Ha forest land involves for the construction & laying of 132kv D/C LILO on 132KV D/C Boisar-Dahanu(MIDC) Tr transmission line for proposed 220kv Palghar SS. The work involves construction of transmission line for LILO on existing 132KV D/C Boisar-Dahanu(MIDC) Tr. Line for proposed 220KV Palghar substation by establishing 132KV level at Palghar, 132KV at Dahanu, 132KV at Boisar and 132KV at Palghar substation. This will have 2nd strong and reliable source. Presently 220KV Boisar II is feeding 132KV Boisar I (MIDC) and 132KV Palghar stn. The 132KV Dahanu S/stn is fed from 132KV Boisar (MIDC) & extended up to 132KV TSS-Gholwad stn. Further 132KV Dahanu S/stn will feed proposed MMRDA S/stn (Suryanagar & Kavdas) for water supply and proposed 132KV Jawhar S/stn. The 132KV Palghar S/stn is currently feeding 132KV Tss Palghar S/stn. From above it is seen load demand increases in Palghar, Dahanu and Boisar region. The said LILO arrangement will strengthen the complex network in Palghar areas and there will be improve the reliability of the system. Further, in present scenario there is heavy load shading 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 & laying of 132kv D/C LILO on 132KV Boisar-Dahanu transmission line for proposed 220kv Palghar SS. This transmission line belt is very essential to construct and operate 132kv D/C LILO on

on 132KV Boisar-Dahanu transmission line for proposed 220kv Palghar SS for zero load shedding to be implemented w.e.f. 2021 and for industrial growth of Palghar District for future upcoming Maharashtra government projects.


The above line will also be beneficial for meeting the load demand of Industrial area in Boisar, Dahanu & Palghar 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 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 of construction and laying of 132kv transmission line is also one of them.

Land Acquisition:- It is to state that, as per Electricity act 2003 & Land acquisition act 1984, MSETCL will not acquire land for laying of EHV Lines. We will provide land compensation for utilization of land for laying of EHV lines as per Maharashtra Government Resolution 2017.

Benefits of project:-

1. This will strengthen existing and proposed 132KV Network.
2. 132KV Palghar, 132KV Boisar & 132KV Dahanu will get second source.
3. It helps to meet the concept of zero load shedding of Maharashtra.
4. 24X7 availability of Power Supply/ Electricity.
5. For providing of continuous power supply to all industries and farmers hence enhancing the GDP of Maharashtra.
6. It provides stability to voltage of Palghar regions.

The project is also expected to help in minimizing development constraints in agriculture, E-commerce, education, health, social welfare and public safety in Palghar District.


(Vijay Aware)
Executive Engineer
EHV Project Division, Kalyan.