

TAMILNADU TRANSMISSION CORPORATION
(A Subsidiary of T.N.E.B. Limited)

Office of the Executive Engineer/Civil
Transmission Projects
Guindy/Chennai. 600 032

Whomsoever concerned

JUSTIFICATION OF THE SCHEME

The erection of 230 KV DC line from M/s. Omega 230 KV SS to Ottiyambakkam 400 KV SS by Tamilnadu Transmission Corporation is under progress. In this connection, I would state the justification of this scheme to benefit the General Public as described below:-

The Tamilnadu Transmission Corporation has approved the proposal for establishment of 230/110/33-11 KV Sub Station with 3x100 MVA, 230/110 KV auto transformers, 1x16 MVA, 110/33 KV & 1x16 MVA, 110/11 KV Power Transformers at the OMEGA Industrial Estate near Mahabalipuram in Chennai Operation Circle (Chengalpattu EDC) of Chennai South Region at an estimated cost of Rs. 11555.27 lakhs vide Permanent FB TANTRANSCO proceedings No 58 Dt 30.12.2012

1. The erection of 230 KV Double Circuit line from Ottiyambakkam (Sholinganallur) 400 KV SS to the proposed Omega 230 KV SS is a Govt. of Tamil nadu Scheme and it was published vide Government of Tamil Nadu Gazette on 20.11.2013 and local news papers (Indian Express & Dhinamani) on 04.03.2013 under the Electricity ACT 2003 and it is informed that by virtue of the provisions contained in sub section (2) (a) of section 185 of the Electricity Act, 2003, the Board being the Transmission utility and Licensee will exercise the powers of the Telegraph Authority under the provisions of section 164 of the Electricity Act, 2003 which have already been conferred upon the Board under section 51 of the Indian Electricity Act, 1910.
2. The above proposed EHT line and to execute the above transmission scheme in the originally approved route by considering the importance of this transmission scheme in order to transmit wind power (Green Energy) generated from the Tirunelveli region and considering the growing demand in Chennai city. There is no alternate Government /Vacant land to lay EHT towers and adjacent area is covered with Engineering colleges, Residential buildings, Habitations etc., The Sonalur Reserve Forest is having a large extent of land and it is also not possible to cross the habitations. Hence, it is proposed to cross the reserve forest in a minimum shortest length near the ongoing Ottiyambakkam 400 KV sub station under unavoidable situations.


**EXECUTIVE ENGINEER/CIVIL
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TAN TRANSCO/GUINDY/CHENNAI.32**