

note

BRIEF NOTE ON THE PROJECT - BY - PROJECT - AUTHORITY

ESTABLISHMENT OF NEW 1 NO 110/22-11 KV SOMAYAMPALAYAM SUBSTATION

This scheme is proposed for improving the 11 KV and 22 KV power system in No. 25 Somayampalayam Panchayat, Pannimadai Panchayat, Koundampalayam municipality and Vadavalli town Panchayat area.

The tail end regulations of the feeders feeding the above areas at present is in the higher side and with the expected load growth, the tail end regulation will become alarmingly high and the line loss will also become more, and beyond permissible limit which still worsen during the horizon year. Hence this sub-station has been proposed to improve the voltage conditions in the above areas and to cater to the load growth.

The beneficiaries of this project are:

Domestic households : 8000 nos (Existing), Addl 5000 nos (Future)
Commercial Establishment : 2000 nos (Existing), Addl 1500 nos (Future)
Educational Institution : 12 schools, Bharathiar University
Industries Institution : 300 nos (Existing), Addl 100 nos (Future)
Heritage place : Maruthamalai temple

SATELLITE TOWNSHIPS are developing in and around Vadavali, Bharathiyar University and Somayampalayam areas. Hence there is a need for a new Sub-station in the load ensure to cater the growing future loads and the existing system has to be improved to ensure the quality and reliable supply with better voltage regulation and lesser line losses.

After establishment of the above SS the line loss will be 78.257LU.

The cost of the schemes works out to Rs. 13.60 Crores.


District Forest Officer
Coimbatore Division
Coimbatore - 641 043


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SUPERINTENDING ENGINEER,
Coimbatore Electy Distn Circle/North,
T.N.E.B. COIMBATORE - 641 012