

KERALA STATE ELECTRICITY BOARD LIMITED



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Justification for the project proposal

The site identified is required for constructing 33 kV Substation, Varantharappilly, about 12 km from Chimmony Small Hydro Electric Project. The site is located at Pulikkanni junction where the AB Cable evacuating power generated at Chimmony SHEP is passing by. This power can be fed to the proposed substation and distributed, to avoid problems related with lengthy ABC drawn to Pudukad substation for evacuating Chimmony power. The substation when put in service can considerably reduce low voltage problem in the locality and frequent interruptions in lengthy feeders presently feeding the area. Considering the increasing demand for power for the growing economy of the state, this substation is inevitable to solve the above issues. The site identified is bare minimum and has very limited forest cover. The power lines are to be drawn along road only, where lines already exist and there would be no need for any further diversion for the purpose. The project is justified considering the above facts.

(Maya.K.R)

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