

JUSTIFICATION OF LOCATION

The construction of a 132/33 kV transmission line from the existing Grid Sub-station at Boudh to proposed Grid Sub-station at Kiakata in the district of Angul is very much needed in order to make the 132 kV system voltage level stable in the network connecting to Grid Sub-Stations at Kiakata to Katapalli(proposed in future). Proposed 132/33 kV Grid Sub-station at Kiakata is also required to share the load of Boudh and will improve the voltage profile of the area.

Some part of the Athamalik Tahasil is mostly rural belt is suffering from low voltage and power interruption. The area is also rich in agricultural products like rice, sugarcane and vegetables. The area is also huge source of water supply. Because of this huge demand in agricultural products state Govt. is planning for many mega lift projects which couldn't be feasible because of low voltage profile and multiple interruption of power supply.

Hence the proposed transmission line is very needful to supply uninterrupted power and low voltage problem in the area. And also, to supply and cater the power to newly proposed grid sub-station at katapalli, in the district of Sambalpur to distribute and enhance the power supply in the western districts of Odisha. So OPTCL proposed to construct the above transmission line for the public utility


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