

**EXTRACTS OF MINUTES OF ADJOURNED 151ST MEETING OF THE BOARD OF
DIRECTORS OF ODISHA POWER TRANSMISSION CORPORATION LIMITED
HELD ON 28.06.2025 AT 10.30 AM AT THE REGD. OFFICE OF THE CORPORATION
AT OPTCL TECH TOWER, JANPATH, BHUBANESWAR.**

Item-3: In-principle approval for “Construction of 765/400KV Grid S/S, Khuntuni with associated lines” intended to cater the additional industrial demands.

The Board was informed that, presently Bhubaneswar-Cuttack and its command areas draw power from 400/220/132KV Grid S/S, Meramundali through 400KV Meramundali-Mendhasal link and also the power flows to PGCIL Pandiabilli Substation from Mendhasal. The line loading of 400KV Meramundali-Mendhasal during peak summer reaches 570MW/ckt with 400KV Mendhasal-Pandiabilli loaded up to 140 MW/ckt. Now, some of the power intensive industries including Waree Ltd., JSW Integrated EV Complex, Kalyani Steel etc. are going to be setup in the area. The total requirement for the new industrial establishments would be around 1203MW. Hence, it is proposed to construct 765/400KV GIS Substation at Khuntuni with associated system covering major scope like construction of (i) 765KV DC line (Hexa Zebra Conductor) from PGCIL Angul substation to proposed GIS, Khuntuni, (ii) 400KV DC line (Quad Moose Conductor) from proposed GIS, Khuntuni to 400/220KV Grid S/S, Neulapoi, so as to meet the additional power requirement in the area.

The approximate project cost works out to Rs.2318.34 crore approx. This proposal has been approved in 30th CMETS-ER meeting dtd. 26.04.2024 and also included under Intra State Transmission Resource Adequacy Plan for Odisha. It was pointed out that the 765KV Sub-station cost of Rs1508 crs considered in the estimate appears very high and may be reviewed and cost estimate may be revised accordingly.

The Board reviewed the scope of work with SLD as enclosed to the memorandum and after discussion, considering importance of the project for catering the additional demands of power of the upcoming industries and strengthening the existing system in Cuttack-Bhubaneswar area as explained by the Director (Project), accorded in-principle approval to the proposal for “Construction of 765/400KV GIS Grid S/S at Khuntuni with associated system at a tentative cost estimate of Rs.2318.34 crore as detailed in the memorandum subject to cost estimates review as brought out above. It was also decided that necessary approval of State Govt. and OERC may be obtained.

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COMPANY SECRETARY