



**ORDER**

**OF THE**

**WEST BENGAL ELECTRICITY REGULATORY COMMISSION**

**IN THE MATTER OF**

**CASE NO. OA- 548/ 25-26**

IN-PRINCIPLE APPROVAL FOR CAPITAL EXPENDITURE OF AN ESTIMATED COST RS. 49600.04 LAKH FOR IMPLEMENTATION OF DIFFERENT NEW TRANSMISSION SCHEMES OF WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

**DATE: 02.04.2026**



In Principle approval for Capital Expenditure of an estimated cost Rs. 49600.04 lakh for implementation of transmission scheme of West Bengal State Electricity Transmission Company Limited (WBSETCL)

### CASE IN BRIEF

1. The instant petition has been filed on 28.01.2026 by West Bengal State Electricity Transmission Company Limited (in short 'WBSETCL') for approval of Capital Expenditure of an estimated cost of Rs.49600.04 lakh in connection with implementation of first phase of transmission scheme for evacuation of power from the under construction JSW Salboni (2x800+2x800) MW Thermal Power Plant in Paschim Medinipur District in terms of Regulation 2.8.2.3 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended from time to time (in short 'Tariff Regulations'). The Commission has admitted the application on 23.02.2026 and registered it as Case No. OA-548/25-26.
2. Project Details: The following new schemes are included in this petition.

Description of the Work
Construction of 400 KV D/C transmission line with twin HTLS conductor equivalent to quad moose from Kharagpur 400 KV Sub-Station to the upcoming Thermal Power Plant at the premises of JSW (Salboni) (D/C O/H RL =88.10 Km approx.)
Construction of 02 (two) 400 KV line bays at Kharagpur 400 KV Sub-Station for upcoming Generating unit of JSW at Salboni.

3. The Gist of the Application of WBSETCL is approved by the Commission vide letter no. WBERC/OA-548/25-26/1021 dated 02.03.2026 for publication of the said gist in terms of Tariff Regulations for inviting objections /suggestions /comments from the stakeholders in respect of investment of Rs. 49600.04 Lakh for the project mentioned at paragraph 2.
4. WBSETCL vide letter no. CE/CPD/WBERC/97 dated 09.03.2026 has provided the details of the newspapers, as mentioned below, where the gist of the above application is published on 06.03.2026.
  - a. The Statesman-English



- b. Millennium post-English
  - c. Ajkal-Bengali
  - d. Sangbad Pratidin-Bengali
5. The last date for the submission of suggestions /objections /comments by the stakeholders has expired on 26<sup>th</sup> March, 2026 as per the gist. No objection/ suggestion / comment has been received from any stakeholder on the above subject by this Commission till last date of submission.
6. In the application, WBSETCL has submitted the brief description of the scheme.
- 6.1 Establishment of 400 KV D/C transmission line from Kharagpur 400 kV Substation to JSW(Salboni) and associated bays as first phase for evacuation of power from under construction JSW Salboni (2x800+2x800) MW Thermal Power Plant in West Midnapore District:**
- 6.1.1 The present petition pertains to the development of transmission infrastructure for evacuation of power from the proposed (2x800) MW Thermal Power Plant of M/s. JSW Thermal Energy Limited at Salboni, Paschim Medinipur, (in short "JSW Salboni Plant") with provision for future capacity expansion.
- 6.1.2 WBSEDCL has entered into a Power Supply Agreement (PSA) with M/s. JSW Thermal Energy Limited (JSW TTL) for procurement of 1492 MW of power on a long-term basis from the said JSW Salboni Plant in the first phase. As per the PSA, the scheduled synchronization date of the first unit is 48 months from the appointed date, and the associated transmission system is required to be made available at least three (3) months prior thereto. The PSA further stipulates compensation, including interest liabilities, in the event of delay attributable to non-availability of the evacuation system.
- 6.1.3 WBSETCL, being the State Transmission Utility, has undertaken load flow studies and proposed an evacuation scheme comprising, inter alia, a 400 kV D/C transmission line from JSW Salboni Plant to Kharagpur Substation along



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with associated bay extensions and LILO arrangements. Considering the urgency for timely commissioning, the JSW–Kharagpur 400 kV D/C line has been prioritized as the first phase. The estimated project cost for this component is Rs. 49,600.04 lakh, inclusive of IDC and supervision charges.

6.1.4 The Commission, vide Order dated 14.01.2026 in Case No. OA-542/25-26, has accorded in-principle approval for execution of the said transmission scheme under Regulated Tariff Mechanism (RTM) against application of WBSETCL to meet requirement for time-bound completion of the evacuation system to align with the commissioning schedule of the generating units and to avoid consequential financial liabilities under the PSA.

6.1.5 In line with the aforesaid approval, this petition is submitted for approval of the proposed transmission project in terms of Regulation 2.8.2.3 of the Tariff Regulations.

6.1.6 STATUS OF LAND:

6.1.7 Two (02) numbers of 400 kV line bays shall be constructed within the available vacant space inside the premises of the existing Kharagpur 400 kV Substation.

6.1.8 For drawal of the 400 kV transmission line, the cost towards Right of Way (RoW), including way-leave charges and crop compensation, shall be borne in accordance with the prevailing norms and shall be accommodated within the provisions of the turnkey Supply and Erection contract.

6.1.9 The Scheme is proposed to be completed within 24 months from the date of placement of LOA. As per Detail Project Report (DPR), the Transmission Scheme is scheduled to be commissioned within FY 2028-29.

## 7. Approval Reference of Projects:

Name of the Project	Approved by	Approval Ref.	Ref. TAA no. with date
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Construction of 02 no. 400 KV line bays at Kharagpur 400 KV Sub-Station for upcoming JSW Salboni Plant	BOD, WBSETC L	102nd meeting of BOD held on 12.12.2025	CE/CPD/TAA/2025-26/235, Dt. 15.01.2026
Construction of 400 KV D/C transmission line with twin HTLS conductor equivalent to quad moose from Kharagpur 400 KV Sub-Station to the upcoming JSW Salboni Plant	BOD, WBSETC L	102nd meeting of BOD held on 12.12.2025	CE/CPD/TAA/2025-26/234, Dt. 15.01.2026

#### 8. Funding arrangement:

The project is proposed to be financed through a combination of WBSETCL's internal resources (IR) and domestic borrowings. The equity component, constituting 30% of the project cost, shall be met from internal resources, while the remaining 70%, being the debt component, shall be financed through domestic borrowings from financial institutions.

Based on the assumed financing structure, the Interest During Construction (IDC) has been estimated at Rs. 4,725.09 lakh. However, the actual IDC shall be subject to the final financial arrangement and applicable lending terms.

#### 9. Status of tender:

Tender for work under the above-mentioned transmission scheme will be floated shortly after completion of Pre-tender Engineering stage.

#### 10. Basis of Cost Estimate:

The unit rates for all transmission line and substation equipment have been adopted from the latest cost database, of the Procurement Department of WBSETCL and Schedule of Rates (June 2025) of POWERGRID.

#### 11. Financial implication:



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The estimated cost as per submission of WBSETCL for the above project is as follows:

Sl. No.	Description	Amount (Rs. in Lakh)	
1.	A. Construction of 400 KV D/C transmission line with twin HTLS conductor equivalent to quad moose from Kharagpur 400 KV Sub-Station to the upcoming Thermal Power Plant at the premises of JSW (Salboni) (D/C O/H RL =88.10 Km approx.)		
	i.	Total Estimated Cost	39,518.30
	ii.	Supervision Charge (@10%)	3,951.83
		Total Project Cost including Supervision	43,470.13
	iii.	IDC	4,567.74
		<b>Project Cost including IDC &amp; Supervision (Part – A)</b>	<b>48,037.87</b>
	B. Construction of 02 no. 400 KV line bays at Kharagpur 400 KV Sub-Station for upcoming Generating unit of JSW at Salboni.		
	i.	Total Estimated Cost	1,277.11
	ii.	Supervision Charge (@10%)	127.71
		Total Project Cost including Supervision	1,404.82
	iii.	IDC	157.35
		<b>Project Cost including IDC &amp; Supervision (Part – B)</b>	<b>1,562.17</b>
		<b>Total Project Cost (A+B)</b>	<b>49,600.04</b>

### OBSERVATIONS OF THE COMMISSION

12. The Commission observes that in terms of Regulation 2.8.2.3 of the WBERC Tariff Regulations, approval of the Commission for investment in new transmission project is mandatory after 31.12.2007. The Commission also observes that the regulation inter-alia specifies approval of the project shall be obtained prior to making any investment in order to minimize the investment risk.

13. The Commission also observes that the projects will strengthen the power system and also ensure reliable and quality power supply in and around the areas of the



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construction of the substations to the existing and upcoming consumers, thereby benefiting end consumers.

### ORDER

14. The Commission, after considering all the facts and the project reports submitted by WBSETCL in their petition dated 28.01.2026, approves the investment proposal of Rs. 49,600.04 Lakh in terms of regulation 2.8.2.3 of Tariff Regulations.

15. The Commission also gives the following directions:

- (i) For the purpose of capitalization WBSETCL shall seek approval of the Commission for the project cost along with actual interest during construction and all actual expenditure incurred or apportioned to the project cost on account of spares, transportation, insurance, tax, establishment charges, and losses during construction and consultancy charges and also any actual expenditure met out of contingency. WBSETCL is to provide the cost break-up of each scheme showing the actual vis-à-vis estimation included in the total project cost as above.
- (ii) WBSETCL shall ensure proper metering arrangement in line with Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006 as amended from time to time and arrangement for real-time data display at SLDC control room before energization of the substation and associated Transmission Systems.
- (iii) On completion of each project WBSETCL shall submit the COD vis-à-vis schedule date of commissioning and a benefit analysis of the project separately before the Commission.
- (iv) The original project cost is required to be approved showing the details of deviations from its investment plan along with reasons of such deviations in



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terms of Regulation 2.8.5 of the Tariff Regulations. The Commission may disallow any excess of project cost on capitalization over approved cost if it finds the justifications furnished are not adequate.

16. The petition is thus disposed of.

17. WBSETCL shall download the copy of the order from the website of the Commission and act on it. Certified copy of the order, if applied for, be given to the parties on completion of formalities laid down in the West Bengal Electricity Regulatory Commission (Conduct of Business) Regulations, 2013, as amended and on submission of necessary fees.

Sd/-

(DR. MALLELA VENKATESWARA RAO)  
CHAIRPERSON

Dated : 02.04.2026

Sd/-

DEPUTY DIRECTOR, WBERC