

TAMIL NADU TRANSMISSION CORPORATION LIMITED

ABSTRACT

Electricity – Thiruvalem Operation Circle - Vellore Region – Krishnagiri EDC – Proposal for provision of 33 KV Bay for power evacuation of 3.5 MW Co-generation Thermal Power Plant of M/s. B&B Triplewal Containers Ltd, at 33 kV level at Sipcot Pochampalli 110/33-11 kV SS under DCW basis (TANTRANSCO portion) Administrative approval– Accorded.

TECHNICAL BRANCH

(Per) CH TANTRANSCO Proceedings No.115

Dated:10.07.2025

Aani - 26

Visuvavasu Aandu

Thiruvalluvar Aandu – 2056

READ: Chairman's approval dated 08.07.2025
PROCEEDINGS:

1. The Tamil Nadu Transmission Corporation Limited hereby approves the proposal for provision of 33 KV Bay for power evacuation of 3.5 MW Co-generation Thermal Power Plant of M/s. B&B Triplewal Containers Ltd, at 33 kV level at Sipcot Pochampalli 110/33-11 kV SS in Thiruvalem Operation Circle (Krishnagiri EDC) of Vellore Region at an estimated cost of Rs.32.987 lakhs Gross & Nett. under DCW basis (TANTRANSCO portion).The detailed estimate and report are annexed to these proceedings.
2. The expenditure is chargeable to TANTRANSCO - Funds - Capital Expenditure – Thiruvalem Operation Circle - A/C code No:1020400.
3. By virtue of the provisions contained in sub-section (2) (a) of section 185 of the Electricity Act, 2003, TANTRANSCO being the Transmission utility, Licensee and successor entity of Tamil Nadu Electricity Board will exercise the powers of the Telegraph Authority under the provisions of section 164 of the Electricity Act, 2003, which have already been conferred upon the Board under section 51 of the Indian Electricity Act, 1910.
4. The works will be taken up after ensuring necessary budget provision.

// BY ORDER OF THE CHAIRMAN//

M.SUDARSAN

CHIEF ENGINEER /TRANSMISSION

Encl: Report and detailed estimate.

To

The Chief Engineer/Distribution/Vellore Region

(Per) CH TANTRANSCO Proceedings No.115, dated : 10.07.2025

Copy to:

- The Managing Director/TANTRANSCO/Chennai-2
The Director/Distribution/TNPDCL/Chennai-2
The Director/Transmission Projects/TANTRANSCO/Chennai-2
The Director/Operation/TANTRANSCO/Chennai-2
The Director/Finance/TANTRANSCO/Chennai-2
The Chief Engineer/Transmission Projects/Chennai
The Chief Engineer/System Operation/Chennai
The Superintending Engineer/Operation/Thiruvalam
The Superintending Engineer/Krishnagiri EDC
The Superintending Engineer/GCC/Salem
The Superintending Engineer/Transmission -I/Chennai -2
The Superintending Engineer/Transmission -II/Chennai -2
The Superintending Engineer/System Studies/Chennai -2
The Resident Audit Officer (AGO'S Unit)/Chennai -2
B.P.Section (Administrative Branch)
Stock file

//FORWARDED BY ORDER//


10/7/25
EXECUTIVE ENGINEER/MASTER PLAN II

Enclosure to (Per) CH TANTRANSCO Proceedings No.115, dated : 10.07.2025

REPORT TO ACCOMPANY THE ESTIMATE

This proposal envisages provision of 33 KV Bay for power evacuation of 3.5 MW Co-generation Thermal Power Plant of M/s. B&B Triplewal Containers Ltd, at 33 kV level at Sipcot Pochampalli 110/33-11 KV SS in Krishnagiri EDC of Vellore Region at an estimated cost of Rs.32.987 lakhs Gross & Nett.under DCW basis (TANTRANSCO portion).

Need:

M/s. B&B Triplewal Containers Ltd., is a HT consumer with a sanctioned demand of 3.05 MVA at 33 KV voltage level. At present the supply is being extended to the consumer through 33 kV OLA feeder of Sipcot Pochampalli 110/33-11 KV SS. The above company has proposed to set up a dedicated/separate Co-gen Thermal power plant of capacity 3.5 MW and has applied for the grid connectivity to the above plant at 33 kV level to TNPDC.

The Administrative approval has been accorded for erection of 33 KV feeder with Dog conductor from the plant to Sipcot Pochampalli 110/33-11 KV SS and allied works by the TNPDC wing vide (Per) MD TNPDC Proceedings No:61, dated:23.05.2025.

Load flow study was conducted for the above proposed evacuation scheme and it is essential to provide one no. 33KV Bay in the Sipcot Pochampalli 110/33-11 KV SS with allied equipments which comes under the purview of TANTRANSCO wing.

The Chief Engineer/NCES & Chief Engineer/Distribution/Vellore Region will be requested to collect all applicable charges as per the TNERC guidelines/regulations/rules in vogue. Further, any statutory requirements as per rules in force are also to be collected from the company.

Further, the Chief Engineer/NCES & Chief Engineer/Distribution/Vellore may be requested to collect proportionate land charges if applicable from the generator for carrying out the 33 KV Bay Extension works in TANTRANSCO premises.

Details of work:

- Provision of 33 KV bay extension works inside Sipcot Pochampalli 110/33-11 KV SS.


EXECUTIVE ENGINEER/MASTER PLAN II

Estimate for power evacuation of 3.5 MW Co-generation Thermal Power Plant of M/s. B&B Triplewal Containers Ltd, at 33 kV level at Sipcot Pochampalli 110/33-11 kV SS in Krishnagiri EDC under DCW basis (TANTRANSCO portion)

					Rs. In lakhs
SI No	DESCRIPTION	UNIT	QTY	RATE	TOTAL
		Nos.	2	0.445	0.890
1	33 kV AB switch	Nos	1	2.801	2.801
2	33 kV VCB	Nos	3	0.302	0.906
3	33 kV (1200-600-300/1 A) out door CT	Nos	3	0.037	0.111
4	33 kV LAs	Nos	1	2.478	2.478
5	Relay & control panel for twin feeder	LS		8.000	8.000
6	33 kV Structure	LS		0.500	0.500
7	Control cables	LS		0.500	0.500
8	Busbar arrangement	LS		2.000	2.000
9	Plinth and Foundation work				18.186
10	Sub total				0.909
11	Contingencies 5 %				19.095
12	Cost of materials and equipments				0.573
13	Storage 3%				19.668
14	Sub total				5.729
15	Labour and transport 30%				1.031
16	GST on Labour & Transport @ 18%				26.428
17	Cost of materials and labour				1.321
18	Establishment and Supervision Charges @5%				0.238
19	GST on Estt. & Supervision charges @ 18%				3.000
20	Bay land cost				2.000
21	P & C equipments				32.987
22	Total				


 Executive Engineer/Master Plan II
 10/12/25
 Kc