



ORDER

OF THE

WEST BENGAL ELECTRICITY REGULATORY COMMISSION

IN CASE NO. TP-99/22-23

IN REGARD TO THE PETITION SUBMITTED BY WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED FOR DETERMINATION OF TARIFF UNDER 8TH CONTROL PERIOD FOR THE YEARS 2023-24, 2024-25 AND 2025-26 IN TERMS OF PROVISIONS STIPULATED IN THE WEST BENGAL ELECTRICITY REGULATORY COMMISSION (TERMS AND CONDITIONS OF TARIFF) REGULATIONS, 2011 AS AMENDED.

PRESENT:

DR MALLELA VENKATESWARA RAO, CHAIRPERSON
SRI PULAK KUMAR TEWARI, MEMBER

DATE: 07.03.2024



CHAPTER 1: INTRODUCTION

1.1: The West Bengal Electricity Regulatory Commission (hereinafter referred to as the "Commission"), a statutory body under the first proviso to section 82(1) of the Electricity Act, 2003 (hereinafter referred to as the "Act"), is authorized in terms of the section 86 and section 62(1) of the Act to determine the tariff for a) supply of electricity by a generating company to a distribution licensee, b) transmission of electricity, c) wheeling of electricity and d) retail sale of electricity, as the case may be, within the State of West Bengal.

1.2: The West Bengal State Electricity Transmission Company Limited (in short 'WBSETCL') is deemed to be a licensee under the jurisdiction of the Commission in terms of fifth proviso to Section 14 of the Act. The area of operation for WBSETCL covers the whole of the State of West Bengal. In exercise of powers conferred under Sub-section 1 of Section 39 of the Act, the Govt. of West Bengal notifies and authorizes the West Bengal State Electricity Transmission Company Limited vide No.89-PO/O/III/3R-5/2007 dated 26.03.2007 to function as State Transmission Utility with effect from 01.04.2007. Subsequently, in terms of the Government of West Bengal Notification No. 328/PO/O/C-IV/1E-60/13 (Part-VA) dated 26.12.2018 and order of the Commission in Case No. A-6/14 dated 31.12.2018 the entire transmission business and activities under the Durgapur Projects Limited (DPL) along with all associated assets and liabilities are transferred to WBSETCL with effect from 01.01.2019.

1.3: In terms of definition contained in regulation 1.2.1 (xxx) of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011, as amended from time to time (hereinafter referred to as the 'Tariff Regulations'), each control period after the 3rd control period shall be normally for a period of five ensuing years or such other period of number of ensuing years as be decided by the Commission from time to time. The Commission vide its order dated 31.08.2022 in case no. SM-31/22-23 decides that the 8th control period be of three ensuing years consisting of 2023-24, 2024-25 and 2025-26.

1.4: WBSETCL submits the application for determination of tariff for the 8th control period consisting of the years 2023-24, 2024-25 and 2025-26 submitted on 30.11.2022. The Commission admits the tariff petition of WBSETCL for 8th Control Period in Case No. TP-99/22-23.



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1.5: On scrutiny, the Commission observes some inconsistencies with the gist of the tariff application and communicates WBSETCL accordingly. Thereafter, WBSETCL vide letter dated 14.12.2022 submits a revised gist for consideration of the Commission.

1.6: WBSETCL is then asked to publish the gist as approved by the Commission, in the newspapers and also in the website of WBSETCL as per provisions of the Tariff Regulations. The gist is, accordingly, published on 20.02.2023 in the newspapers: (i) 'Ei Samay' (Bengali), (ii) 'The Telegraph' (English), (iii) 'Millenium Post' (English) and (iv) 'Sangbad Pratidin' (Bengali). The gist along with the tariff application are also posted in the website of WBSETCL. The publication invites the attention of all interested parties, stake holders and the members of the public to the application for determination of tariff of WBSETCL for the 8th control period and requests for submission of suggestions, objections and comments, if any, on the tariff application to the Commission within 21 days from the date of publication. No suggestion or objection or comment on the tariff application of WBSETCL is received within the stipulated time.

1.7: Further, in view of notification of the 4th amendment to the Tariff Regulations, the Commission gives opportunity to all utilities for submitting supplementary petition. WBSETCL vide their reply dated 22.03.2023 expresses their hardship to conclude the required information in such short time to submit the supplementary petition.

1.8: Thus, the Commission decides to determine the tariff for 8th control period of WBSETCL based on the petition submitted and the essential additional information regarding bays and length of Transmission lines (in CkM) as submitted by WBSETCL vide letter dated 12.04.2023, in the subsequent chapters. The petition and the letter dated 22.03.2023 of WBSETCL are hereby collectively termed as 'tariff application for 2023-24, 2024-25 and 2025-26', considering the provisions of the Tariff Regulations.



CHAPTER 2: CASE OF WBSETCL

2.1: In its tariff application for the 8th control period comprising the financial years 2023-24, 2024-25 and 2025-26, WBSETCL projects amounts of Aggregate Revenue Requirements (ARR) as under:

Year	Aggregate Revenue (Rs. in Lakh)	Allocated Transmission Capacity (MW)	Transmission of Energy (MU)	Transmission Charges (Rs. per MW per month)
2023-24	189237.31	7008.33	57730.82	225014.64
2024-25	206525.61	7359.00	60617.36	233869.65
2025-26	234922.30	7653.33	63042.06	255795.19

2.2: WBSETCL undertakes the construction of new EHV sub-stations and lines, augmentation of capacity of existing EHV lines, sub-stations and other schemes besides operation and maintenance of the system.

2.3: Presently, the West Bengal State Electricity Distribution Company Limited (in short 'WBSEDCL'), the CESC Limited (in short 'CESC') and the India Power Corporation Limited (in short 'IPCL') are the long-term users of the transmission network of WBSETCL. CESC and IPCL have fixed quantum of allotted capacity amounting 150 MW and 124 MW respectively. Allotted capacity of WBSEDCL is derived by subtracting the fixed allotted capacity of CESC and IPCL from the average yearly system demand as submitted by WBSETCL.

2.4: In regard to the fixed charges claimed by WBSETCL under different heads of accounts during the years under the 8th control period, are clarified as under:

2.4.1: Operation and Maintenance (O&M) Expense:

2.4.1.1: As stated in their petition at Para: 3.1.2, WBSETCL calculates an O&M projection rate based on O&M cost per MVA (Mega Volt Ampere) and O&M cost per CKM (Circuit Kilometer) and projects for the ensuing years in the 8th control period.

2.4.1.2: The rate of O&M expenses are projected on the basis of CAGR (Compound Annual Growth Rate) of previous 4 years' actual expenses ending 2021-22 and unaudited half yearly expenses for 2022-23 after accounting for a 3% additional margin in order to mitigate the risks of



inflation in future years and to encourage the company to undertake required O&M works to ensure reliability of supply and health of assets.

2.4.1.3: WBSETCL considers annual sub-station maintenance expense after multiplying projected transmission capacity and O&M cost/MVA. Similarly, annual line maintenance expense is considered by multiplying projected transmission network length by O&M cost/CKM. However, WBSETCL does not furnish break-up of sub-station expenses and transmission line expenses.

2.4.1.4: WBSETCL submitted that, using the above method, the consolidated annual escalation rates for the ensuing years of 2023-24, 2024-25 and 2025-26 are projected respectively at the rate of **6.086%**, **8.716%** and **8.492%** after considering an escalation rate 3.51% in line with CERC's Tariff Regulations to project the O&M expenditures for the ensuing years. It is noted that WBSETCL took over the transmission function of DPL (863.02 MVA, 47.8 CKM) w.e.f. 01.01.2019.

2.4.1.5: The sub-station and line capacity additions for the ensuing years are as follows:

Capacity Addition	Units	2023-24	2024-25	2025-26
Substation	MVA	1240.00	2923.00	2770.00
Transmission Line	KM	350.00	440.00	629.00

2.4.1.6: Using the above method and on the basis of business growth projected for the ensuing years WBSETCL projects the overall O&M expense including rent, repair & maintenance, general administrative expenses, auditors' fees, consultants' fees, legal charges, licensee / filing fees, entry tax / GST, etc. as Rs 19019.66 Lakh, Rs 20884.20 Lakh and Rs 23617.70 Lakh for 2023-24, 2024-25 and 2025-26 respectively.

2.4.2: Employee Cost:

2.4.2.1: Average employee cost is projected in the 8th control period on the basis of planned and budgeted expenditure of WBSETCL, based on the additional project and incremental O&M efforts. The new recruitments and retirements during the years are also considered.

2.4.2.2: The projection of employee cost for 2023-24, 2024-25 and 2025-26 are made by WBSETCL considering Dearness Allowance at the rate of 13% for FY2022-23 and with an escalation of 7% for each of the ensuing years.



2.4.2.3: Accordingly, WBSETCL projects Rs. **31208.70** Lakh, Rs. **37431.18** Lakh and Rs. **46472.67** Lakh as employee cost netting off the capitalization for 2023-24, 2024-25 and 2025-26 respectively.

2.4.3: Depreciations:

2.4.3.1: The assets capitalization for 2023-24, 2024-25 and 2025-26 are projected as Rs. **86978.83** Lakh, Rs. **157961.90** Lakh and Rs. **183798.28** Lakh out of the projected total capital expenditures of Rs. **171974.97** Lakh, Rs. **238830.87** Lakh and Rs. **330556.88** Lakh respectively considering current progress of the ongoing capital expenditure works and estimated progress of the newly planned projects. The amounts chargeable on depreciations are projected as Rs. **37105.54** Lakh, Rs. **40683.14** Lakh and Rs. **45705.85** Lakh for 2023-24, 2024-25 and 2025-26 respectively.

2.4.4: Advance Against Depreciation / Interest Credit:

2.4.4.1: WBSETCL does not projects any amount in the 8th control period towards advance against depreciation. However, they submit the interest credit as Rs. **379.90** Lakh, Rs. **504.04** Lakh and Rs. **979.38** Lakh for 2023-24, 2024-25 and 2025-26 respectively.

2.4.5: Interest on Loan Capital and Working Capital and Other Finance Charges:

2.4.5.1: Total interest payable on loans from the Government and other financial institutions in 2023-24, 2024-25 and 2025-26 including interests on the normative debt are worked out as Rs. **39509.51** Lakh, Rs. **40603.83** Lakh and Rs. **44719.70** Lakh respectively after netting off the capitalization on the interest charges. The above figures do not include interest on working capital of Rs. **1451.79** Lakh, Rs. **1589.85** Lakh and Rs. **1819.46** Lakh for 2023-24, 2024-25 and 2025-26 respectively and are claimed separately at a rate of **6.75%**. WBSETCL also projects an amount of Rs. **32.81** Lakh per year towards the other finance charges for 2023-24, 2024-25 and 2025-26.

2.4.6: Income Tax:

2.4.6.1: WBSETCL projects Rs. **14439.72** Lakh, Rs. **16334.65** Lakh and Rs. **18949.56** Lakh as the income tax payable on account of income / profit during 2023-24, 2024-25 and 2025-26 respectively. As stated at Para: 3.2.11 of the submission by WBSETCL, the income taxes for the 8th control period are considered as per the provisional claims projected as per section 115BAA and are not based on the actual outgo.



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2.4.7: WBPDC Charges:

2.4.7.1: WBSETCL projects Rs. **3846.93** Lakh, Rs. **4039.27** Lakh and Rs. **4241.24** Lakh respectively in 2023-24, 2024-25 and 2025-26 as payable to WBPDC on account of cost of the evacuation line from Bakreswar Thermal Power Station as financed by WBPDC considering the directives in the Commission's order dated 01.12.2012.

2.4.8: SLDC Charges:

2.4.8.1: WBSETCL projects the expenditures on the head of SLDC charges as Rs. **2942.77** Lakh, Rs. **3129.33** Lakh and Rs. **3325.59** Lakh in 2023-24, 2024-25 and 2025-26 respectively. Subsequently for the purpose of arriving at the revenue required from the transmission charges, an equivalent amount is deducted as SLDC handling charges from the Gross Revenue Requirement (GRR) correspondingly.

2.4.9: Reserve for Unforeseen Exigencies (RUE):

2.4.9.1: WBSETCL claims Rs. **3156.44** Lakh, Rs. **3373.88** Lakh and Rs. **3768.76** Lakh in 2023-24, 2024-25 and 2025-26 respectively as to maintain the provisional reserve for unforeseen exigencies as per Regulation: 5.11.1 of the Tariff Regulations. Such the amounts are again included as in the special allocations for the respective years.

2.4.10: Return on Equity (RoE):

2.4.10.1: The amounts of return claimed by WBSETCL are Rs. **60885.64** Lakh, Rs. **66580.28** Lakh and Rs. **74525.97** Lakh respectively for the years 2023-24, 2024-25 and 2025-26. It is stated that the lower of actual or normative equity contribution on net addition to fixed assets considered for the purpose of arriving at the average equity base required for calculation of the RoE at the rate of **15.5%** for the ensuing years.

2.4.11: Incentive:

2.4.11.1: WBSETCL submits that they achieved the annual availability factor to the tune of **99.92%** during the year 2020-21 and aiming to maintain 99.92% in each of the years in the 8th control period. Accordingly, in terms of Para: 8 of Schedule-10 of the Tariff Regulations, WBSETCL claims Rs. **322.51** Lakh, Rs. **351.97** Lakh and Rs. **400.37** Lakh for 2023-24, 2024-25 and 2025-26 respectively towards the incentive for additional availability of **0.17%** in each of the ensuing years.



2.4.12: Special Allocation:

2.4.12.1: WBSETCL projects an amount of Rs.13410.41 Lakh, Rs.13627.86 Lakh and Rs.14022.74 Lakh respectively for the years 2023-24, 2024-25 and 2025-26, towards special allocation arising out of the fund required for unforeseen exigencies as per Regulation: 5.11.1 of the Tariff Regulation plus $\frac{1^{rd}}{3}$ of the deemed revenue gap of Rs.30761.93 Lakh as claimed in the APR petition of 2021-22, so distributed equally for each of the ensuing years.

2.4.13: Income from Inter-State Transmission System (ISTS) Charges:

2.4.13.1: WBSETCL does not claim any amount as income from inter-state transmission charges for the years 2023-24, 2024-25 and 2025-26 in absence of any order from CERC determining the transmission tariff for inter-state transmission lines for period from 2014-15 to 2017-18. However, upon receipt of the order of CERC, the same shall be claimed in APR for the respective years as submitted by WBSETCL.

2.4.14: Non-Tariff Income and STOA Charges:

2.4.14.1: WBSETCL projects Rs.3041.04 Lakh, Rs.2978.24 Lakh and Rs.2915.44 Lakh as income from non-tariff sources and Rs.26158.81 Lakh, Rs.29553.77 Lakh and Rs.32948.74 Lakh as income from Short-Term Open Access (STOA) charges for 2023-24, 2024-25 and 2025-26 respectively. WBSETCL computes their Annual Revenue Requirement (ARR) after adjusting the projected income from non-tariff sources and STOA charges.

2.4.15: Aggregate Revenue Requirement:

2.4.15.1: Based on the above projections, the summarized annual revenue requirements of Rs.189237.31 Lakh, Rs.206525.61 Lakh and Rs.234922.30 Lakh for 2023-24, 2024-25 and 2025-26 respectively are furnished below in the Form: E(T) of Annexure – I in the tariff petition as per the provisions of the Tariff Regulations.



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Table 2.1: Aggregate Revenue Requirement as Submitted by WBSETCL

Form: E(T) [Summarised Revenue Requirement (Transmission)]					
Ref.	Particulars	Base Year	Ensuing Years		
		2022-23	2023-24	2024-25	2025-26
		Estimated	Projected		
A.					
1	Energy Transmitted. (MU)				
2	Allocated Transmission capacity (MW)	54981.74	57730.82	60617.37	63042.06
3	Actual transmission Loss%	6675.00	7008.33	7359.00	7653.33
		3.10%	3.10%	3.10%	3.10%
B.					
1	Employee Cost				
	a) Salaries [Form 1.13 & 1.17]	24087.96	31208.70	37431.18	46472.67
	b) Others (specify)	20811.26	26561.60	30735.97	35147.43
	c) Terminal Benefits [Form 1.13 & 1.17]				
	d) Arrears (Revision of pay)	3276.70	4647.10	6695.21	11325.23
	a) Security Charges				
	b) Vehicle Charges	2334.11	2890.68	3062.46	3234.23
3	Other Administrative & General Charges [Form 1.13 & 1.17]	1374.35	1585.46	1721.00	1856.54
	a) Others				
	i) Licensee / Filing Fees of WBERC	2042.52	1960.85	2058.41	2160.23
	ii) Entry Tax	285.48	302.60	332.86	366.15
	iii) Consultancy Fees, charges and expenses [Form 1.17]	0.00	0.00	0.00	0.00
	iv) Others	41.93	43.41	44.93	46.51
4	Rent, Rates & Taxes [Form 1.17]	1715.11	1614.84	1680.62	1747.57
	a) Rent				
	b) Rates & Taxes	135.24	139.99	144.90	149.99
5	Legal Charges [Form 1.17]	216.84	224.45	232.33	240.48
6	Auditors Fees [Form 1.17]	70.03	79.46	88.88	98.30
7	Repair & Maintenance incl. Consumables [Form 1.13 & 1.17]	70.17	73.43	76.68	79.93
8	a) Interest on Capital Borrowings [Form 1.17]	9965.39	12065.35	13499.53	15797.99
	b) Interest on Bond for creation of Pension Fund [Form 1.17]	38606.31	39509.51	40603.83	44719.70
	c) Foreign Exchange rate Variation	0.00	0.00	0.00	0.00
	d) Other Financing Charges [Form 1.13 & 1.17]				
9	a) Depreciation [Form 1.17]	32.23	32.81	32.81	32.81
	b) Advance against depreciation [Form 1.17(e)]	35098.97	37105.54	40683.14	45705.85
10	Bad Debt [see regulation 5.10.1]	0.00	0.00	0.00	0.00
11	Scrapped Assets Write Off				
12	Tax	0.00	0.00	0.00	0.00
	a) Income tax [Form 1.17]				
13	Others if any to be specified	12450.79	14439.72	16334.65	18949.56
	a) Interest on working capital [Form 1.17(b)]				
	b) Insurance Premium Payable [Form 1.17(f)]	1320.55	1503.79	1645.43	1881.54
	c) SLDC (Handling charges)				
	d) Other cost (WBPDCCL)				
	e) Various charges to ERPC	3663.74	3846.93	4039.27	4241.24
	f) Provision for abandoned Project	57.00	57.00	16.00	16.00
	g) ULDC charges				
14	Total Expenditure (sum of 1 : 12)	379.65	417.61	459.37	505.31
15	Normative Return [Form 1.22]	131905.86	147141.27	162129.88	186142.38
16	Permitted Incentives	56184.44	60885.64	66580.28	74525.97
17	Permitted Return (15 + 16)	269.17	322.51	351.97	400.37
18	Special Allocation (APR adjustments) -[Form 1.21]	56453.62	61208.15	66932.26	74926.34
19	Prior Period (Income) / Expenses	11610.84	13410.41	13627.86	14022.74
20	Gross Revenue Required (13 + 16 + 17+ 18)	199970.32	221759.83	242689.99	275091.46
21	a) Less: Income other than revenue from transmission of energy [From 1.26]	9460.21	3041.04	2978.24	2915.44
	b) Less: Benefits passed on to Transmission Users [Form 1.24]				
	c) Less: Interest credit on Depreciation and any others				
	d) Less: Others if any to be specified	454.08	379.90	504.04	979.38
	e) Scheduling and SLDC Charges				
	f) STOA Charges	2768.22	2942.77	3128.33	3325.59
22	Revenue from Transmission of Energy (Actual estimate) (20-21)	29346.83	26158.81	29553.77	32948.74
23	Subsidy received / receivable, if any	157940.99	189237.31	206525.61	234922.30
24	Revenue from Transmission of Energy (Actual estimate)	157940.99	189237.31	206525.61	234922.30
25	Transmission charge (Rs. /MW/ Month)	197179.76	225014.64	233869.65	255795.19

**CHAPTER 3: PERSPECTIVE PLAN OF WBSETCL**

3.1: WBSETCL submits their Annual Plan of WBSETCL for 2022-23 and the Rolling Plan of WBSETCL for 2023-24 to 2027-28 as a **Perspective Plan** in terms of Clause (xvii) of Regulation: 2.5.2.1 of the Tariff Regulation.

3.2: WBSETCL submits a gist of their Annual Plan for 2022-23 tabulated below:

3.2.1: Capacity Addition in Substation:

Sub-stations		MVA	Estimated Cost (Rs. in Lakh)
400 kV Sub-station	-	-	-
220 kV Sub-station	4	1480	1879.00
132 kV Sub-station	15	1736	8394.63
66 kV Sub-station	-	-	-
Total	19	3216	10273.63

3.2.2: Bay Addition in Substation:

Sub-stations		No. of Bay	Estimated Cost (Rs. in Lakh)
400 kV Sub-station	-	-	-
220 kV Sub-station	1	2	150.00
132 kV Sub-station	11	21	1031.97
66 kV Sub-station	-	-	-
Total	12	23	1181.97

3.2.3: Length Addition in Transmission Line:

Transmission Line	Transmission Line Length (CKM)	Estimated Cost (Rs. In Lakh)
400 kV Transmission Line	360.00	167.48
220 kV Transmission Line	229.70	7026.17
132 kV Transmission Line	788.20	13191.90
66 kV Transmission Line	-	-
Total	1079.90	20385.55

3.3: The Rolling Plan of WBSETCL for 2023-24 to 2027-28 is tabulated below:



3.3.1: Capacity Addition in Substation:

Sub-stations	Capacity (MVA)	Estimated Cost (Rs. in Lakh)
400 kV Sub-station	2460	311511.12
220 kV Sub-station	4440	
132kV Sub-station	3019	
66 kV Sub-station	40	
Total	9959	

3.3.2: Bay Addition in Substation:

Sub-stations	Bay (NO)	Estimated Cost (Rs. in Lakh)
400 kV Sub-station	0	11241.62
220 kV Sub-station	8	
132 kV Sub-station	58	
66 kV Sub-station	2	
Total	68	

3.3.3: Length Addition in Transmission Line:

Transmission Line	Transmission Line Length (CKM)	Estimated Cost (Rs. In Lakh)
400 kV Transmission Line	28.00	276246.71
220 kV Transmission Line	457.70	
132 kV Transmission Line	1704.20	
66 kV Transmission Line	14.00	
Total	2309.90	

3.4: The Rolling Plan is prepared with identification of transmission systems additional requirements, their need and time frame for implementation commensurate with addition in generation and growth in demand for electricity in the State and in consonance with the principle for development of the power system envisaged under Section 3 of the Electricity Act, 2003.

3.5: For a coordinated development process, the transmission plan is formulated taking advantage of development plans for regional grid system. The Rolling Plan is finalized considering the projected district wise demand of the State and availability of land for sub-station for the period



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from 2023-24 to 2027-28 as discussed with SLDC and beneficiary distribution licensees in the State.

3.6: Load assumptions for planning of transmission network for the next 5 years is proposed based on the electricity demand projections of each state as per the 20th Electric Power Survey (EPS) of the Country vis-à-vis the district wise load pattern in the State. In West Bengal, there are distinct load behaviors in three seasons of Summer, Monsson and Winter. There is also distinct hours of peak load and base load and the variation in demand is different in different districts which gives rise to diversity of demand. The transmission system is planned with optimal corridors of transmission duly considering such diversity of demand and provides saving in generation resources in the State.

3.7: The Commission after analyzing the Rolling Plan of WBSETCL up to 2027-28 observes that WBSETCL during the year 2020-21, 2021-22 and 2022-23 has already submitted petitions for investment approvals against some of the projects which are in the Rolling Plan with revised project cost based on the latest available cost data references. Thereby, the Commission has approved those investment proposals of WBSETCL in terms of Regulation 2.8.2.3 of the Tariff Regulations.

3.8: The Commission thus directs WBSETCL to submit investment proposals for each of the project as given in the **Perspective Plan** along with the Detailed Project Report (DPR) and a gist of the investment proposal in terms of Regulation 2.8.2.3 of the Tariff Regulations for approval of the Commission. WBSETCL shall not proceed without approval of the Commission.



Table 3.1: Perspective Plan

Perspective Plan for 2023-24 to 2027-28																
Proposal for 2023-24																
Sr No	Name of Sub-Station	Capacity (MVA)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)						Project Cost Excluding Supervision & IDC (Rs. In Lakh)					
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	22-23	23-24	24-25	25-26	26-27
1	220 kV at Falakata		320	100		3729.46	3240.00	91.82								
2	220 kV at Food Park		100			1610.00	3837.00	200.17								
3	220 kV at Mongalpur		200			1500.00	2396.59									
4	220 kV at AB Zone (DPL)		320			1500.00	4880.00	1178.21								
5	132 kV at NT Silicon Hub			100		1770.00	3249.11	298.80								
6	132 kV at Chapra			100		1660.00	3169.46									
Sr No	Name of Sub-Station	Bay (No)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)											
7	132 kV Bay at NT AA-IIC	400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28					
8	132 kV Bay at NT AA-I			1		100.00	70.00									
9	132 kV Bay at CK Road			1		50.00	52.67									
10	132 kV Bay at Raghunathgunj			2		100.00	119.95									
11	132 kV Bay at Aljpurduar			2		100.00	120.00									
12	132 kV Bay at Kamakhyaguri			1		53.00	100.00									
				1		60.00	100.00									
Sr No	Name of Transmission Line	Transmission Line (CKM)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)											
13	220 kV D/C at Falakata	400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28					
14	220 kV D/C at Food Park		17.00			732.91	1200.00	857.09								
15	220 kV S/C at Mongalpur		1.30			939.76	448.24									
16	220 kV D/C at AB Zone (DPL)		4.40			100.00	38.91									
17	132 kV D/C at Falakata		8.00			400.00	1600.00	114.20								
18	132 kV S/C at NT AA-IIC (UG Cable)			97.00		3398.30	2981.26	542.83								
19	132 kV S/C at NT AA-I (UG Cable)			3.00		450.00	1650.00	175.31								
20	132 kV D/C at Goalto			7.00		600.00	3250.00	161.69								
21	132 kV D/C at CK Road			52.00		500.00	3750.00	2360.00								
22	132 kV D/C at Chapra			74.00		2708.11	887.78	1891.22								
23	132 kV D/C at Raghunathgunj			8.20		300.00	1100.00	74.62								
24	132 kV D/C at VP, Kharagpur			25.00		300.00	1200.00	7.58								



Tariff Order of WBSETCL for 2023-24 & 2024-25

Perspective Plan for 2023-24 to 2027-28
Proposal for 2024-25

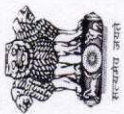
Sr No	Name of Sub-Station	Capacity (MVA)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)															
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28									
25	400 kV at Satgachia	1000																		
26	220 kV at Jamuria		320	100		600.00	4600.00	11500.00	2414.00											
27	220 kV at Kulliapur		100	100		200.00	2880.00	5760.00	960.00											
28	220 kV at Khanakul		100	100		0.00	1719.00	3438.00	573.00											
29	220 kV at Dendua		100	100		1260.00	3192.30	407.20												
30	220 kV at Mahachanda		320	100		200.00	1719.00	3438.00	573.00											
31	220 kV at Raghunathpur		320	320		0.00	2055.00	4110.00	685.00											
32	132 kV at Manikchak			100		0.00	2055.00	4110.00	685.00											
33	132 kV at Gardwani			100		0.00	1419.00	2838.00	473.00											
34	132 kV at Saitora			63		100.00	1419.00	2838.00	473.00											
35	132 kV at Kheyada (Bagdoba)			100		100.00	1359.00	2718.00	453.00											
36	132 kV at Habibpur			100		100.00	1419.00	2838.00	473.00											
37	132 kV at Abdalpur			100		100.00	1419.00	2838.00	473.00											
Sr No	Name of Sub-Station	400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28									
38	220 kV at KLC			2		0.00	126.00	252.00	42.00											
39	220 kV at Hura			2		0.00	126.00	252.00	42.00											
40	132 kV at Barasat				2	0.00	78.00	156.00	26.00											
41	132 kV at Sonakhali				2	0.00	108.00	216.00	36.00											
42	132 kV at Laxmikantapur				2	0.00	78.00	156.00	26.00											
43	132 kV at Gazol				2	0.00	108.00	216.00	36.00											
44	132 kV at Kalna				2	0.00	108.00	216.00	36.00											
45	66 kV at Odlabari				2	0.00	48.00	96.00	16.00											
Sr No	Name of Transmission Line	400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28									
46	400 kV D/C at Satgachia																			
47	220 kV S/C at Jamuria	22.00					2200.00	3300.00												
48	220 kV S/C at Jamuria		6.00				288.00	432.00												
49	220 kV S/C at Kulliapur		30.00				1440.00	2160.00												
50	220 kV D/C at Khanakul		2.00				96.00	144.00												
51	220 kV D/C at Dendua		23.00				1104.00	1656.00												
52	220 kV D/C at Mahachanda		20.00				960.00	1440.00												
53	220 kV D/C at Raghunathpur		18.00				864.00	1296.00												
54	220 kV S/C at KLC		46.00				2208.00	3312.00												
55	132 kV D/C at Manikchak		10.00				480.00	720.00												
56	132 kV D/C at Lakshmikanthapur		50.00				1324.00	1986.00												
57	132 kV D/C at Sonakhali		50.00				1324.00	1986.00												
58	132 kV D/C at Saitora		60.00				1588.80	2383.20												
59	132 kV D/C at Kheyada (Bagdoba)		24.00				635.52	953.28												
60	132 kV D/C at Barasat (UG Cable)		1.00				26.48	39.72												
61	132 kV D/C at Gazol (UG Cable)		13.00				4108.00	6162.00												
62	132 kV S/C at Kalna (Bangladesh)		53.00				2544.00	3816.00												
63	66 kV S/C at Odlabari			2.00	10.00		52.96	79.44												
							211.60	317.40												



Tariff Order of WBSETCL for 2023-24 & 2024-25

Perspective Plan for 2023-24 to 2027-28
Proposal for 2025-26

Sr No	Name of Sub-Station	Capacity (MVA)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
64	400 kV at New Lakshmikantapur	630		100		300.00		5880.00		11760.00		1960.00
65	400 kV at BAPL	630		160		300.00		5880.00		11760.00		1960.00
66	220 kV at Panagarh		320	100		200.00		3021.00		6042.00		1007.00
67	220 kV at Kotasur		320	100		200.00		2541.00		5082.00		847.00
68	132 kV at North Kalimpong			70		100.00		2190.00		4380.00		730.00
69	132 kV at Tajpur Port			100		100.00		1488.00		2976.00		496.00
70	132 kV at Jajampur			100		100.00		1488.00		2976.00		496.00
71	132 kV at Chandiberia/Bagjola			100		100.00		1488.00		2976.00		496.00
72	132 kV at Dashpur			100		100.00		1488.00		2976.00		496.00
73	66 kV at Lolegaon			100		30.00		870.00		1740.00		290.00
Sr No	Name of Sub-Station	Bay (No)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
74	132 kV at Labhpur	400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
75	132 kV at Labhpur			2				114.00	228.00	38.00		
76	132 kV at Chalisa			2				84.00	168.00	28.00		
77	132 kV at NT AA-IIC			2				114.00	228.00	38.00		
78	132 kV at Samsi			2				114.00	228.00	38.00		
79	132 kV at Sadaipur			2				84.00	168.00	28.00		
79	132 kV at Ukhra			2				84.00	168.00	28.00		
Sr No	Name of Transmission Line	Transmission Line (CKM)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
80	400 kV D/C at New Lakshmikantapur	400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
81	400 kV D/C at BAPL	4.00						416.00	624.00			
82	220 kV D/C at Panagarh	2.00						208.00	312.00			
83	220 kV D/C at Kotasur		80.00					4160.00	6240.00			
84	132 kV D/C at Kotasur		6.00					312.00	468.00			
85	132 kV D/C at Kotasur			16.00				444.80	667.20			
86	132 kV S/C at North Kalimpong			50.00				1390.00	2085.00			
87	132 kV D/C at North Kalimpong			80.00				2224.00	3336.00			
88	132 kV D/C at Ramnagar			120.00				3336.00	5004.00			
89	132 kV D/C at Jajampur			20.00				556.00	834.00			
90	132 kV D/C at NT AA-IIC			40.00				1112.00	1668.00			
91	132 kV D/C at Daspur			30.00				9960.00	14940.00			
92	132 kV D/C at New Lakshmikantapur			55.00				1529.00	2293.50			
93	132 kV D/C at New Lakshmikantapur			4.00				111.20	166.80			
94	132 kV D/C at Samsi - Manikchak			2.00				55.60	83.40			
95	132 kV D/C at Sadaipur - Ukhra			60.00				1668.00	2502.00			
96	66 kV S/C at Lolegaon			56.00	2.00			2912.00	4368.00			
97	66 kV S/C at North Kalimpong			2.00	2.00			44.40	66.60			



Tariff Order of WBSETCL for 2023-24 & 2024-25

Perspective Plan for 2023-24 to 2027-28

Proposal for 2026-27

Sr No	Name of Sub-Station	Capacity (MVA)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
98	220 kV at Jagadishpur		320	100			200.00	3174.00	6348.00	1058.00		
99	220 kV at Deganga		320	100			200.00	3174.00	6348.00	1058.00		
100	220 kV at Lalbagh		320	100			200.00	3174.00	6348.00	1058.00		
101	132 kV at Taldanga/Sugandha			100			100.00	1566.00	3132.00	522.00		
102	132 kV at Ganganagar			100			100.00	1566.00	3132.00	522.00		
103	132 kV at New PPSP		200					2148.00	4296.00	716.00		
104	132 kV at Barikul			100			100.00	1566.00	3132.00	522.00		
Sr No	Name of Sub-Station	Bay (No)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
105	220 kV at Sagardighi			2					138.00	276.00	46.00	
106	132 kV at Gazol				2				120.00	240.00	40.00	
107	132 kV at Barasat				2				90.00	180.00	30.00	
108	132 kV at Jhargram				2							
109	132 kV at NT AA-IIC				2				120.00	240.00	40.00	
Sr No	Name of Transmission Line	Transmission Line (CKM)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
110	220 kV D/C at New Chanditala		20.00						1120.00	1680.00		
111	220 kV D/C at Deganga		10.00						560.00	840.00		
112	220 kV D/C at Sagardighi		50.00						2800.00	4200.00		
113	132 kV D/C at Taldanga/Sugandha			12.00					350.40	525.60		
114	132 kV D/C at Barasat (UG Cable)			22.00					7656.00	11484.00		
115	132 kV D/C at New PPSP			2.00					58.40	87.60		
116	132 kV D/C at Jhargram			84.00					2452.80	3679.20		
117	132 kV D/C at Deganga			4.00					116.80	175.20		
118	132 kV S/C at Gazol			90.00					2628.00	3942.00		
119	132 kV D/C at Jagadishpur			4.00					116.80	175.20		



Tariff Order of WBSETCL for 2023-24 & 2024-25

Perspective Plan for 2023-24 to 2027-28
Proposal for 2027-28

Sr No	Name of Sub-Station	Capacity (MVA)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
121	220 kV at CK Road			320							2379.00	4758.00
122	220 kV at NT Silicon Hub			320							2379.00	4758.00
123	132 kV at New Hindmotor										1647.00	3294.00
124	132 kV at Jagatballavpur/Amta			100							1647.00	3294.00
125	132 kV at Kulpi Port			100					100.00		1647.00	3294.00
126	132 kV at Malda Bazar			100					100.00		1647.00	3294.00
127	132 kV at Hasimara			100					100.00		1647.00	3294.00
128	132 kV at Mahishadal			126							1746.00	3492.00
129	132 kV at Mahishadal			100					100.00		1647.00	3294.00
	Name of Sub-Station	Bay (No)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
129	220 kV at NT AA-IIC		2								504.00	
130	132 kV at New Lakshmikantapur			2							126.00	252.00
131	132 kV at Bajkul			2							126.00	252.00
132	132 kV at Birpara			2							96.00	192.00
133	132 kV at Minakhan			2							126.00	252.00
134	132 kV at Khatra			2							96.00	192.00
135	132 kV at Manbazar			2							96.00	192.00
136	132 kV at Jeerat			2							126.00	252.00
137	132 kV at Panpur			2							96.00	192.00
138	132 kV at Behala			2							126.00	252.00
139	132 kV at Birlapur			2							96.00	192.00
	Name of Transmission Line	Transmission Line (CKM)			Project Cost Excluding Supervision & IDC (Rs. In Lakh)							
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28	
140	220 kV D/C at CK Road		100.00							6000.00	9000.00	
141	220 kV D/C at CK Road		6.00							2448.00	3672.00	
142	132 kV D/C at NT AA-IIC (UG Cable)			4.00						122.72	184.08	
143	132 kV D/C at New Hindmotor			38.00						1165.84	1748.76	
144	132 kV D/C at Jagatballavpur/Amta			26.00						797.68	1196.52	
145	132 kV D/C at New Lakshmikantapur			45.00						1380.60	2070.90	
146	132 kV D/C at Bajkul			46.00						1411.28	2116.92	
147	132 kV D/C at Birpara			6.00						184.08	276.12	
148	132 kV D/C at Mahishadal			54.00						1656.72	2485.08	
149	132 kV D/C at Deganga - Minakhan			80.00						2454.40	3681.60	
150	132 kV D/C at Manbazar - Khatra			26.00						797.68	1196.52	
151	132 kV D/C at Jeerat - Panpur			35.00						1073.80	1610.70	
151	132 kV D/C at Behala - Birlapur											



Tariff Order of WBSETCL for 2023-24 & 2024-25

Sr No	Description in Summary	Perspective Plan for 2023-24 to 2027-28				Project Cost Excluding Supervision & IDC (Rs. In Lakh)					
		400 kV	220 kV	132 kV	66 kV	22-23	23-24	24-25	25-26	26-27	27-28
1	Capacity (MVA)	2460	4440	3019	40	14529.46	48976.46	78674.20	78144.00	56253.00	34934.00
2	Bay (NO)	0	8	58	2	463.00	1312.62	2094.00	1906.00	2526.00	2940.00
3	Transmission Line (CKM)	28.00	457.70	1704.20	14.00	10829.08	40061.55	68850.98	70544.30	56721.60	29239.20
Total						25821.54	90350.63	149619.18	150594.30	115500.60	67113.20



CHAPTER 4: FIXED CHARGES

4.1: The projected amount of fixed charges are stood after netting off the capitalization of the part of expenses under different heads chargeable to existing systems as well as ongoing capital construction works. Being exclusively engaged in the functions and business of transmission activities and load dispatch activities, WBSETCL does not have any variable cost and as such, the amounts of net fixed charge are only the **Aggregate Revenue Requirement (ARR)** of it.

4.2: The Commission makes prudent analysis of the charges claimed under different heads with reference to reasonableness and base year expenditure. The same is discussed item wise below.

4.2.1: Employee Cost:

4.2.1.1: The projection of employee cost for 2023-24, 2024-25 and 2025-26 are stated to have made by WBSETCL on the basis of planned and budgeted expenditure which is further based on the additional project and incremental operation and maintenance to be taken care of during the ensuing years.

4.2.1.2: Normal increment@3% per year and dearness allowance@13% per year for FY2022-23 are considered by WBSETCL as submitted. An annual escalation of 7% on dearness allowance for FY2023-24 to FY2025-26 are also taken into account by WBSETCL.

4.2.1.3: The employee costs are projected for 2023-24, 2024-25 and 2025-26 by WBSETCL in respect of own employees as well as employees on contract and deputation in regular establishment as furnished in Form 1.17(h) and the projections of the length of transmission lines for 2023-24, 2024-25 and 2025-26 as furnished in Form: E(T).

4.2.1.4: The projections of WBSETCL in respect of total employees in regular establishment are furnished as 2761, 3337, 3865 and 4347 at the end of the financial year of 2022-23 to 2025-26 respectively and thus, the increase in number of employees is considered by WBSETCL as 576 (3337-2761), 528 (3865-3337) and 482 (4347-3865) in 2023-24, 2024-25 and 2025-26 respectively. During 2018-19 to 2022-23, this Commission finds that the average annual net addition in number of own employees plus contractual and deputed employees in regular establishment is 97 as extracted from the Audited Annual Accounts for those last five years. So,



the Commission considers addition of the employees as 97 per year for 2023-24, 2024-25 and 2025-26.

4.2.1.5: This Commission approaches to compute the average number of employees considering the net addition of employees in regular establishment as 97 per year in the 8th control period. And it is found to be within the norms ie. **0.35** as per Schedule – 9A [C3] of the Tariff Regulations, as amended.

Table 4.1: Ratio of Employees/CKM

Sr No	Particulars	2022-23	2023-24	2024-25	2025-26
		Audited	As Projected		
Business Volume Parameters					
A	Number of Employees at Beginning	2354	2686	2783	2880
B	Number of Employees at Ending	2686	2783	2880	2977
C	Average in Number of Employees	2520	2735	2832	2929
D	Length of Transmission Lines at Beginning (CKM)	15750.02	16309.60	16660.50	17100.50
E	Length of Transmission Lines at Ending (CKM)	16309.60	16660.50	17100.50	17729.50
F	Average in Transmission Line Length (CKM)	16029.81	16485.05	16880.50	17415.00
G	No of Employees per CKM (=C/F)	0.16	0.17	0.17	0.17

4.2.1.6: The Commission therefore proceeds to determine the admissible Employees Cost on the principles mentioned below:

4.2.1.6.1: Basic Pay as approved in the tariff order for 2022-23 is proportionately increased for the number of employees projected by WBSETCL and increment of 3% each year is considered.

4.2.1.6.2: Dearness Allowance is considered as a percentage of Basic Pay in proportion to the claimed amount by WBSETCL for the respective ensuing year.

4.2.1.6.3: Other Allowances are considered as a percentage of Basic Pay in proportion to the claimed amount by WBSETCL for the respective ensuing year.

4.2.1.6.4: Retirement Benefit and Bonus / Ex-Gratia are admitted as claimed by WBSETCL but in proportion to the average number of employees projected in tariff petition and average number of employees admitted in this order.

4.2.1.6.5: Other Employee Benefits are considered as per the claim of WBSETCL but in proportion to the average number of employees projected in tariff petition and average number of employees admitted in this order.

4.2.1.6.6: Director sitting fees is admitted as claimed by WBSETCL.

4.2.1.6.7: Expenses capitalized are considered in proportion to the claim on gross Employee



Tariff Order of WBSETCL for 2023-24 & 2024-25

Cost.

4.2.1.7: The Commission thus computes the admissible amounts towards employee cost inclusive of Director sitting fees and netting off the expenses capitalised in the following table.

4.2.1.8: The Employee Costs admissible are considered as Rs.24572.89 Lakh, Rs.27782.50 Lakh and Rs.32391.40 Lakh for 2023-24, 2024-25 and 2025-26 respectively.

4.2.1.9: It is necessary to mention that the employee costs are uncontrollable and are subject to adjustments in the Annual Performance Review for 2023-24, 2024-25 & 2025-26.

4.2.1.10: WBSETCL is directed that henceforth employee cost should be segregated in respect of own employees and / or employees on contract basis under regular establishment, if any in the Tariff petitions and APR petitions.

4.2.1.11: WBSETCL shall ensure up to date payment of contribution towards terminal benefit funds based on actuarial valuation within the corresponding financial year before claiming such amounts in the respective APRs.

Table 4.2: Detail of Employee Costs

Sr No	Particulars	2022-23	2023-24	2024-25	2025-26	2023-24	2024-25	2025-26
		Tariff Order	Claimed			Admissible		
Employee Costs as Admissible (Rs. In Lakh)								
1	Average Number of Employees	3298	3049	3601	4106	2735	2832	2929
2	Basic Pay	19469.03	21846.61	24296.44	27349.14	16629.85	17736.23	18894.03
3	Dearness Allowance	5548.67	3711.04	5084.65	6443.48	2824.88	3711.76	4451.45
4	Other Allowances	2696.39	3798.51	3928.10	4071.61	2891.46	2867.49	2812.85
5	Statutory Bonus, Exgratia, LTC, Leave Encashment, Etc.	2468.79	2304.85	2385.83	2545.69	2067.49	1876.33	1815.96
6	Statutory Retirement Benefit	5378.81	4647.08	6695.21	11325.24	4168.50	5265.44	8078.82
7	Directors' Fees & Expenses (P-25)		5.17	5.48	5.78	5.17	5.48	5.78
8	Gross Employee Cost	35561.69	36313.26	42395.71	51740.94	28587.34	31462.72	36058.90
9	Less: Amount Capitalised	(5574.02)	(5099.39)	(4959.06)	(5262.49)	(4014.46)	(3680.22)	(3667.49)
10	Total Employee Cost	29987.67	31213.87	37436.65	46478.45	24572.89	27782.50	32391.40

4.2.2: WBPDC Charges:



4.2.2.1: The intra-state transmission system comprising 2X400 KV and 3X220 KV lines terminating at Jeerat, Arambag, Gokarna, Satgachia and Durgapur constructed by the West Bengal Power Development Corporation Limited (WBPDC) along with the Bakreswar Power Station, form an integral part of the transmission system being operated by WBSETCL. WBSETCL claims a sum of Rs. **3846.93** Lakh, Rs. **4039.27** Lakh and Rs. **4241.24** Lakh in 2023-24, 2024-25 & 2025-26, as payable to WBPDC.

4.2.2.2: WBPDC in their tariff petition for the 8th control period has submitted that the entire transmission system of Bakreswar TPS and 220 kV transmission system of Sagardighi TPS have been handed over to WBSETCL as a part of State transmission network and are being maintained by WBSETCL. WBPDC has also claimed the fixed charge related to the transmission system of Bakreswar TPS and 220 kV transmission system of Sagardighi TPS to be recoverable from WBSETCL during the ensuing years 2023-24, 2024-25 and 2025-26 under the 8th control period.

4.2.2.3: The Commission in the Tariff Order dated 10.01.2024 in Case No. TP-103/22-23 in respect of WBPDC for the 8th control period consisting of 2023-24, 2024-25 and 2025-26, determines the following amounts on account of the recoverable capital cost for Bakreswar Transmission System and Sagardighi 220 kV Transmission Systems as payable to WBPDC by WBSETCL. Commission accordingly considers the same as payable amounts by WBSETCL to WBPDC in respect of Bakreswar transmission system and Sagardighi 220 KV transmission system in line with the tariff order of WBPDC during the years 2023-24, 2024-25 and 2025-26.

Table 4.3: WBPDC Charges

Particulars	2023-24		2024-25		2025-26	
	BkTPP	SgTPP	BkTPP	SgTPP	BkTPP	SgTPP
	(Rs. In Lakh)					
Depreciation	417.96	76.85	416.50	76.85	416.50	76.85
Return on Equity	928.61	138.15	928.61	137.43	928.61	138.29
Interest on Loan	0.00	0.00	0.00	0.00	0.00	0.00
Total	1346.57	215.00	1345.11	214.28	1345.11	215.14
	1561.57		1559.39		1560.25	

4.2.2.4: The above amounts will be trued up during APR for the years 2023-24, 2024-25 & 2025-26 based on the admitted amount in the APR orders of WBPDC for the concerned years. WBSETCL is directed to submit a year-wise reconciliation statement in respect of fixed charges related to Bakreswar Transmission System and Sagardighi 220 kV Transmission System as



payable to WBPDCCL as per APR orders of WBPDCCL and amount admitted in the concerned APR orders of WBSETCL along with their APR petition for 2023-24.

4.2.3: Unified Load Despatch and Communication (ULDC) Charges:

4.2.3.1: Expenditures for the 8th control period in 2023-24, 2024-25 & 2025-26 are admitted as claimed by WBSETCL at Rs.417.61 Lakh, Rs.459.37 Lakh & Rs.505.31 Lakh respectively in comparison to Rs.870.67 Lakh, Rs.957.74 Lakh & Rs.1053.51 Lakh for 2020-21, 2021-22 & 2022-23 respectively. The ULDC charges to be paid by WBSETCL and as admitted is related to SLDC expenses and shall be dealt with in determination of SLDC expenses in subsequent paragraphs in this order.

4.2.3.2: However, the amount for ULDC Charges will be tried up during APR for the years 2023-24, 2024-25 & 2025-26 based on audited figures of the concerned years.

4.2.4: Eastern Regional Power Committee (ERPC) Charges:

4.2.4.1: WBSETCL projects an amount of Rs.57.00 Lakh, Rs.16.00 Lakh & Rs.16.00 Lakh for the years 2023-24, 2024-25 & 2025-26 towards charges payable to ERPC. There is no specific reason found to project Rs.57.00 Lakh for 2023-24 in respect of ERPC Charges by WBSETCL. In the Tariff Order for the 7th Control Period in 2020-21, 2021-22 & 2022-23, Rs.16.00 Lakh was allowed in every year. Thus, the Commission admits the amount of Rs.16.00 Lakh each for the years of 2023-24, 2024-25 & 2025-26 as charges to ERPC.

4.2.5: Operation & Maintenance Expenses:

4.2.5.1: The Commission has made prudent analysis of the charges claimed by WBSETCL under the different sub-heads of Operation and Maintenance (O&M) expenses covering of:

4.2.5.1.1: Repair & Maintenance (R&M) Expenses inclusive of consumables and related outsourced expenses.

4.2.5.1.2: Administrative and General (A&G) Expenses which are composed of followings:



- Rent and lease charges,
- Legal charges,
- Consultation fees,
- Auditor's expenses, which include auditor's fees, auditor's expenses and payment to auditors in any other capacity or for any work which is necessary to be got done from them and audited,
- Insurance fees,
- Outsourced expenses,
- And any other expenses necessary and incidental to the transmission business.

4.2.5.2: Provided that, the contractual and deputed manpower engaged in regular establishment, is covered under Employee Cost.

4.2.5.3: WBSETCL projects the overall O&M expense including rent, repair & maintenance, general administrative expenses, auditors' fees, consultants' fees, legal charges, licensee / filing fees, entry tax / GST, etc. as Rs 19019.66 Lakh, Rs 20884.20 Lakh and Rs 23617.70 Lakh for 2023-24, 2024-25 and 2025-26 respectively.

4.2.5.4: Now, this Commission proceeds to determine the admissible amount of O&M expenses as in the Table: 4.3 based on the projected number of bays and length of the transmission lines considering the norms specified in the Schedule – 9A [C4.(a)] of Regulation 5.7.3.1 & 5.7.3.2 of the as per West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) (Fourth Amendment) Regulations' 2023.

4.2.5.5: The total O&M expenses based on the norms as explained above is admitted as Rs.16635.24 Lakh, Rs.17993.35 Lakh and Rs.19536.78 Lakh for 2023-24, 2024-25 and 2025-26 respectively.

4.2.5.6: It is noted that all the statutory fees including licensee and filing fees payable in terms of the Regulation: 5.7.1 of the Tariff Regulations shall be dealt separately during Annual Performance Review, if any.



Table 4.4: Admissibility of O&M Expenses

O&M Expenses as per Norms Based on Number of Bays & Length of Transmission Lines (Rs. In Lakh)											
Sr No	Particulars	2022-23	2023-24			2024-25			2025-26		
		Unaudited	Based on Projected Number of Bays & Length of Transmission Lines								
		No or kM	Norms	No/kM	Amount	Norms	No/kM	Amount	Norms	No/kM	Amount
Sub-Station Bays (In No)											
1	400 kV Bay	88	4.77	88	419.76	4.95	99	462.83	5.14	117	555.12
2	220 kV Bay	329	3.35	355	1145.70	3.48	404	1320.66	3.61	420	1487.32
3	132 kV Bay and Below	4894	2.38	5008	11783.38	2.47	5245	12662.46	2.56	5461	13703.68
4	Number of Bays	5311		5451			5748			5998	
Length of Transmission Lines (In kM)											
5	400 kV Single Circuit (Twin & Triple Conductor)	963.00	0.25	963.00	240.75	0.26	963.00	250.38	0.27	963.00	260.01
6	400 kV Double Circuit (Twin & Triple Conductor)	1529.51	0.43	1529.51	657.69	0.45	1551.51	693.23	0.46	1557.51	715.07
7	400 kV Double Circuit (Bundled Conductor)	0.00	0.65	0.00	0.00	0.67	0.00	0.00	0.70	0.00	0.00
8	400 kV Multi Circuit (Twin & Triple Conductor)	0.00	0.76	0.00	0.00	0.78	0.00	0.00	0.81	0.00	0.00
9	220 kV Single Circuit (Single Conductor)	874.50	0.12	874.50	104.94	0.13	874.50	113.69	0.13	874.50	113.69
10	220 kV Double Circuit (Single Conductor)	3027.03	0.18	3053.33	547.23	0.19	3208.33	594.86	0.20	3294.33	650.27
11	220 kV Multi Circuit (Single Conductor)	0.00	0.76	4.40	1.67	0.78	4.40	3.43	0.81	4.40	3.56
12	132 kV Single Circuit (Single Conductor)	3102.79	0.12	3112.79	372.93	0.13	3112.79	404.66	0.13	3112.79	404.66
13	132 kV Double Circuit (Single Conductor)	6628.34	0.18	6938.54	1221.02	0.19	7201.54	1343.31	0.20	7738.54	1494.01
14	132 kV Multi Circuit (Single Conductor)	184.43	0.76	184.43	140.17	0.78	184.43	143.86	0.81	184.43	149.39
15	Length of Transmission Lines	16309.60		16660.50			17100.50			17729.50	
16	Aggregate O&M Expenses			2023-24	16635.24		2024-25	17993.35		2025-26	19536.78
Admissible Costs (Rs. In Lakh)											
Operation & Maintenance Expenses as Admitted			2023-24	16635.24	2024-25	17993.35	2025-26	19536.78			



4.2.6: Depreciations:

4.2.6.1: WBSETCL states at Para: 3.2.3 of their submission at Vol-II that they compute depreciation for 2023-24, 2024-25 & 2025-26 based on the unaudited actuals for 2022-23. On their submission, it is noted that the depreciation is calculated as per the rates of Annexure: A of Tariff Regulations, 2011.

4.2.6.2: The Commission vide Regulation: 5.6.2 of the Tariff Regulations specifies that the depreciation permitted to be recovered on the value of fixed assets used in the business of a Generating Company and / or Licensee. Further vide Regulation: 5.6.2 (ii) of the Tariff Regulations, the Commission specifies the rates [in Annexure – A(I)] and modalities of computing depreciation in case of the existing assets as on the cut-off date of 31st March 2022. Further, Regulation: 5.6.2 (vii) of the Tariff Regulations, specifies that depreciation shall be recomputed at the time of Annual Performance Review based on the Audited Annual Accounts and documentary evidence of the assets capitalized by the petitioner, subject to prudent analysis by the Commission.

4.2.6.3: In view of above and in line with the decision taken in Paragraph: 1.8 of this order, the Commission proceeds to determine the admissible depreciation based on the following methodology:

4.2.6.3.1: The Commission considers the opening balance of GFA as Rs.**236205.24** Lakh as on 01.04.2007 whereas the opening value of Freehold Land stands as Rs.**3842.12** Lakh and the opening value of cumulative depreciation stands as Rs.**86371.27** Lakh as per the Audited Annual Accounts of 2007-08. The Commission also finds depreciation of Rs.**8170.15** Lakh for 2007-08.

4.2.6.3.2: The opening depreciable GFA in 2007-08 comes to Rs.**232363.12** Lakh (Rs. 236205.24 Lakh - Rs.3842.12 Lakh) and 90% of such depreciable GFA comes to Rs.**209126.81** Lakh.

4.2.6.3.3: Considering the depreciation of Rs.8170.15 Lakh@Year from 2007-08 to 2021-22, the Commission finds Rs.**208923.52** Lakh [(Rs.8170.15 Lakh X 15 Years) + Rs.86371.27 Lakh] against the depreciable GFA at the beginning of 2007-08 already depreciated as on 01.04.2022.

4.2.6.3.4: The balance depreciation ie. Rs.203.29 Lakh (Rs.209126.81 Lakh - Rs.208923.52



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Lakh) (under 70%-90% Block of GFA,) is to be serviced in 2022-23. So, the Commission considers that the GFA at the beginning of 2007-08 is fully depreciated within the 7th Control Period.

4.2.6.3.5: Considering the applied depreciation rates as per the Audited Annual Accounts during the corresponding years from 2007-08 up to 2022-23, the Commission finds that the respective additions to GFA during the period of 2007-2008 to 2022-23 are to be depreciated considering as a Block of GFA (Depreciated less than 70%) for the 8th Control Period.

4.2.6.3.6: Now, the Commission proceeds to compile the net current additions to GFA excluding freehold land, consumers' contributions, government grant and intangible assets and thereby net cumulative GFA considered to be depreciable from 2007-08 onwards as per the accounting policy adopted by WBSETCL time to time.

Table 4.5: Cumulative Depreciable GFA as per Audited Annual Accounts

Financial Year	Gross Addition to GFA	Disposal	Adjustment	Aggregate Addition to GFA	Addition of Intangible Assets	Freehold Land	Government Grant	Consumer Contribution	Net Addition to Depreciable GFA	Cumulative Depreciable GFA										
											(Rs. In Lakh)									
											As per Audited Annual Accounts							As Computed		
						3842.12				232363.12										
2007-08	79477.82			79477.82		51.48			79426.34	311789.46										
2008-09	32805.48		(168.38)	32637.10		178.29			32458.81	344248.27										
2009-10	70343.96			70343.96		497.11	0.00		69846.85	414095.12										
2010-11	24744.80			24744.80		1275.08	514.00		22955.72	437050.84										
2011-12	23699.57			23699.57		33.03	0.00	1215.81	22450.73	459501.57										
2012-13	45400.13			45400.13		13.84	0.00	597.48	44788.81	504290.38										
2013-14	42158.59		(1.75)	42156.84			0.00	2021.69	40135.15	544425.53										
2014-15	51887.45		(2178.41)	49709.04		368.62	650.00	0.00	48690.42	593115.95										
2015-16	61989.13		(928.08)	61061.05			1104.34	3765.37	56191.34	649307.29										
2016-17	59332.71			59332.71		2769.13	14.91	1653.91	54894.76	704202.05										
2017-18	99361.48		(6879.30)	92482.18		2707.24	721.33	2314.90	86738.71	790940.76										
2018-19	107580.51	(9.87)	688.32	108258.96		609.08	9494.32	2448.22	95707.34	886648.10										
2019-20	76618.79			76618.79	467.97	4.62	3531.86	2249.24	71301.04	957949.14										
2020-21	75019.28		(186.83)	74832.45	187.96		4277.26	3530.98	67212.17	1025161.31										
2021-22	71031.16			71031.16		399.75	178.31	3756.28	66696.82	1091858.13										
				Cumulative up to 2021-22					1091858.13	1091858.13										
2022-23	124618.66		(11015.16)	113603.50	18.95	540.34	332.48	(3703.85)	116434.53	1208292.66										
				Cumulative up to 2022-23					1208292.66	1208292.66										



- 4.2.6.3.7: It is noted that WBSETCL projects the gross current additions to GFA as Rs.86978.83 Lakh, Rs.157991.90 Lakh and Rs.183798.28 Lakh during 2023-24, 2024-25 and 2025-26 respectively as furnished at Form: B of the petition, whereas this Commission observes that there are wide variations of the gross current additions to GFA per year ranging between Rs.71031.16 Lakh (2021-22) and Rs.124618.66 Lakh (2022-23) during last five years. So, this Commission considers the gross current asset additions to GFA as Rs.86978.83 Lakh per year in the 8th control period.
- 4.2.6.3.8: The assets from deposit works are similarly considered as Rs.1346.09 Lakh per year in the 8th control period.
- 4.2.6.3.9: It is noted that there are no projections on Government Grant by WBSETCL and so, the Commission does not consider any addition on the Government Grant.
- 4.2.6.3.10: As submitted by WBSETCL in Form: B, the cumulative value of Freehold Land is projected as Rs.13088.65 Lakh as on 01.04.2023 and the same is kept up to 01.04.2026. But, from the Audited Annual Accounts of 2022-23, such values are recorded as Rs.9100.29 Lakh as on 01.04.2023. So, the Commission finds it prudent to distribute the rest projection of Rs.3988.36 Lakh (Rs.13088.65 Lakh – Rs.9100.29 Lakh) equally, ie. Rs.1329.45 Lakh for each the ensuing year under the 8th Control Period.
- 4.2.6.3.11: Depreciation@5.28% for the depreciable GFA under 70%-90% Block is considered for the 8th Control Period.
- 4.2.6.3.12: Depreciation@5.28% for 6 months is considered for the new assets in the year in which they are added.
- 4.2.6.4: Hence, the Commission admits the depreciation of Rs.**53754.69** Lakh, Rs.**58205.90** Lakh and Rs.**62657.11** Lakh for the years 2023-24, 2024-25 and 2025-26 respectively as worked out in the table below.
- 4.2.6.5: WBSETCL is directed to submit the Asset Register Summary duly certified by the Statutory Auditor as per Annexure – 10 of the Tariff Regulations as amended with the APR petition of the respective financial year.



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Table 4.6: Computation of Depreciation for Ensuing Years

Sr No	Particulars	Base Year	Ensuing Year					
		Audited	Projected					
		Old	Old	New	Old	New	Old	New
		2022-23	2023-24		2024-25		2025-26	
(Rs. In Lakh)								
1	GFA at Opening (Depreciable)	1091858.13	975929.54	0.00	975929.54	84303.29	975929.54	168606.58
2	Plus: GFA of Current Addition	113603.50		86978.83		86978.83		86978.83
3	Less: GFA of Current Retirement							
4	Less: GFA of Current Fully Depreciated	232363.12						
5	Less: GFA of Current Government Grant	332.48						
6	Less: GFA of Current Consumer Contribution	(3703.85)		1346.09		1346.09		1346.09
7	Less: GFA of Current Freehold Land Addition	540.34		1329.45		1329.45		1329.45
8	GFA at Closing (Depreciable)	975929.54	975929.54	84303.29	975929.54	168606.58	975929.54	252909.87
9	A: Under 70% - 90% Block of Old GFA	232363.12						
10	B: Depreciation of A	203.29	(Fully Depreciated during 2022-23)					
11	Aggregate Rate of Depreciation for Old GFA		5.28%		5.28%		5.28%	
12	C: Under 70% Block of Old GFA	975929.54	975929.54		975929.54		975929.54	
13	D: Depreciation of B		51529.08		51529.08		51529.08	
14	Rate of Depreciation for New Addition to GFA			5.28%		5.28%		5.28%
15	E: New GFA on Average			42151.65		126454.94		210758.23
16	F: Depreciation of C			2225.61		6676.82		11128.03
17	Admissible Depreciation (B+D+F)		53754.69		58205.90		62657.11	
18	Projected Depreciation by WBSETCL		37105.53		40683.14		45705.85	

4.2.7: Return on Equity (RoE):

4.2.7.1: WBSETCL projects the actual equity base of Rs.664476.37 Lakh, Rs.739383.27 Lakh and Rs.820149.34 Lakh and the admissible equity base of Rs.379763.77 Lakh, Rs.405857.42 Lakh and Rs.453242.99 Lakh at the beginning of the years for 2023-24, 2024-25 and 2025-26 respectively and also, projects the actual addition to equity base of Rs.74906.89 Lakh, Rs.80766.07 Lakh and Rs.88724.06 Lakh in Form: 1.20(a), for 2023-24, 2024-25 and 2025-26 respectively.

4.2.7.2: The amounts of Return on Equity (RoE) claimed by WBSETCL are Rs.60885.64 Lakh, Rs.66580.28 Lakh and Rs.74525.97 Lakh for 2023-24, 2024-25 and 2025-26 in Form: 1.22 respectively.

4.2.7.3: It is stated that the lower of actual or normative equity contribution on net addition to fixed assets has been considered for the purpose of arriving at the average equity base required for calculation of RoE at the rate of 15.50% for assets added up to 2023-24 and at the rate of 14.00% for assets to be added during 2024-25 and 2025-26 as per Regulation: 5.6.1.1 of the Tariff Regulations (4th Amendment).



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4.2.7.4: This Commission considers the equity base as Rs. **335672.56** Lakh as admitted equity base at the end of 2021-22 as per APR Order and thereafter, considers the audited figures for 2022-23. This Commission also considers the addition to equity base of Rs. **74906.89** Lakh as projected for 2023-24 for all the three years 2023-24, 2024-25 and 2025-26.

4.2.7.5: As mentioned earlier, the assets from deposit works are hereby considered as Rs. **1346.09** Lakh per year for 2023-24, 2024-25 & 2025-26. It is noted that there are no projections on Government Grant by WBSETCL.

4.2.7.6: Now, the Commission proceeds to calculate the admissible equity base and the RoE in line with Regulation: 5.6.1.1 and 5.6.1.2 of the Tariff Regulations, as amended. Considering additions/deletions on claimed figures of WBSETCL in the 8th control period and after adjusting the audited amounts owing to Government Grant and Consumers' Contribution towards assets for 2022-23, the Commission computes the equity bases and the ROE for 2023-24, 2024-25 and 2025-26.

4.2.7.7: The Commission hereby admits the ROE as Rs. **59460.42** Lakh, Rs. **63249.67** Lakh and Rs. **66846.24** Lakh for the years 2023-24, 2024-25 and 2025-26 respectively as follows.

Table 4.7: Return on Equity

Sr No	Particulars		Base Year	Ensuing Year		
			Audited	Projected		
			2022-23	2023-24	2024-25	2025-26
(Rs. In Lakh)						
1	Actual Equity	Share Capital	110552.00	110552.00	110552.00	110552.00
	Base at Opening	General Reserve	581173.73	676662.38	751569.27	826476.16
		Total	691725.73	787214.38	862121.27	937028.16
2	Admissible Equity Base at Opening		335672.56	370770.71	396460.53	422150.35
3	Actual Addition to Equity Base		95488.65	74906.89	74906.89	74906.89
4	Actual Equity Base at Closing (1+3)		787214.38	862121.27	937028.16	1011935.05
5	Current Addition to GFA		113622.45	86978.83	86978.83	86978.83
6	Current Addition: Government Grant		332.48			
7	Current Addition: Customer Contribution		(3703.85)	1346.09	1346.09	1346.09
8	Net Current Addition to GFA (5-6-7)		116993.82	85632.74	85632.74	85632.74
9	Normative Addition to Equity Base (30% of Net Addition to GFA) (30% of 8)		35098.15	25689.82	25689.82	25689.82
10	Minimum of Actual & Normative Addition to Equity Base (Minimum of 3 & 9)		35098.15	25689.82	25689.82	25689.82
11	Admissible Equity Base at Closing (2+10)		370770.71	396460.53	422150.35	447840.17
12	Average Admissible Equity Base		353221.64	383615.62	409305.44	434995.26
13	Rate in %@ROE		15.50	15.50	14.00	14.00
14	Admissible Return on Equity on Average		54749.35	59460.42	63249.67	66846.24
15	Income Tax@17.472% (MAT)		9565.81	10388.92	11050.98	11679.38
16	Projected Return on Equity by WBSETCL		56184.44	60885.64	66580.28	74525.97
17	Projected Income Tax by WBSETCL		12450.79	14439.72	16334.65	18949.56



4.2.8: Interest on Loan Capital (ILC):

4.2.8.1: WBSETCL projects the Interest on Loan Capital (ILC) drawn from various sources at different interest rates furnished in Form: C of their Petition. As stated at Para: 3.2.2 of their submission and Form E(T) WBSETCL claims the ILC of Rs.39509.51 Lakh, Rs.40603.83 Lakh and Rs.44719.70 Lakh after netting off the interest capitalized for 2023-24, 2024-25 and 2025-26 respectively. WBSETCL mentions range of interest rates for a particular loan segment without furnishing break up or any weighted average rate.

4.2.8.2: The Commission proceeds to determine the admissible Interest on Loan Capital (ILC) in line with regulation 5.6.4.1 & 5.6.4.2 of the Tariff regulations considering the following.

4.2.8.3: The Commission now computes the cumulative GFA, ie. including freehold land and intangible assets but excluding consumers' contribution and government grant as below:

Table 4.8: Cumulative GFA as per Audited Annual Accounts

(Including Freehold Land & Intangible Assets and Excluding Consumers' Contribution & Government								
Financial Year	Gross Addition to GFA	Disposal	Adjustment	Intangible Assets	Government Grant	Consumer Contribution	Aggregate Addition to GFA	Cumulative GFA
	(Rs. In Lakh)							
As per Audited Annual Accounts							As Computed	
Cumulative GFA at Opening								236205.24
2007-08	79477.82						79477.82	315683.06
2008-09	32805.48		(168.38)				32637.10	348320.16
2009-10	70343.96				0.00		70343.96	418664.12
2010-11	24744.80				514.00		24230.80	442894.92
2011-12	23699.57				0.00	1215.81	22483.76	465378.68
2012-13	45400.13				0.00	597.48	44802.65	510181.33
2013-14	42158.59		(1.75)		0.00	2021.69	40135.15	550316.48
2014-15	51887.45		(2178.41)		650.00	0.00	49059.04	599375.52
2015-16	61989.13		(928.08)		1104.34	3765.37	56191.34	655566.86
2016-17	59332.71				14.91	1653.91	57663.89	713230.75
2017-18	99361.48		(6879.30)		721.33	2314.90	89445.95	802676.70
2018-19	107580.51	(9.87)	688.32		9494.32	2448.22	96316.42	898993.12
2019-20	76618.79			467.97	3531.86	2249.24	71305.66	970298.78
2020-21	75019.28		(186.83)	187.96	4277.26	3530.98	67212.17	1037510.95
2021-22	71031.16				178.31	3756.28	67096.57	1104607.52
Cumulative up to 2021-22							1104607.52	1104607.52
2022-23	124618.66		(11015.16)	18.95	332.48	(3703.85)	116993.82	1221601.34
Cumulative up to 2022-23							1221601.34	1221601.34



4.2.8.4: The Commission finds the cumulative value of GFA including Freehold Land and Intangible Assets and excluding the amounts of Government Grant and Consumers' Contribution coming to Rs. **1104607.52** Lakh as on 01.04.2022.

4.2.8.5: The Commission now computes the cumulative depreciation, ie. excluding amortization on consumers' contribution and government grant as below:

Table 4.9: Cumulative Depreciation as per Audited Annual Accounts

Financial Year	Gorss Depreciation	Disposal	Adjustment	Amortisation of Intangible Assets	Amortisation of Government Grant	Amortisation of Consumers Contribution	Advance Against Depreciation	Net Current Depreciation	Cumulative Depreciation
	(Rs. In Lakh)								
	As per Audited Annual Accounts						As Computed		
Cumulative Depreciation at Beginning									
2007-08	8170.15							8170.15	86371.27
2008-09	8975.28		(151.54)				5984.32	14808.06	94541.42
2009-10	11189.28						5862.53	17051.81	109349.48
2010-11	12546.83						2209.05	14755.88	126401.29
2011-12	12597.53						2458.21	15055.74	141157.17
2012-13	13750.20							13750.20	156212.91
2013-14	14695.98							14695.98	169963.11
2014-15	18127.68		(1944.23)		0.00	234.69		15948.76	184659.09
2015-16	17430.38		(688.17)		0.18	128.90		16613.13	200607.85
2016-17	19577.81				26.12	228.46		19323.23	217220.98
2017-18	21310.52		(204.80)		93.20	284.93		20727.59	236544.21
2018-19	26059.26	(0.14)	688.18		151.54	380.31		26215.45	257271.80
2019-20	28641.15			49.42	391.87	448.08		27850.62	283487.25
2020-21	30184.63		(115.17)	182.14	455.53	492.18		29303.89	311337.87
2021-22	31713.35			91.06	501.86	589.45		30713.10	340641.76
Cumulative up to 2021-22								371354.86	371354.86
2022-23	34925.54		(717.19)	91.73	524.38	493.74		33281.96	404636.82
Cumulative up to 2022-23								404636.82	404636.82

4.2.8.6: The Commission finds the cumulative depreciation excluding the amortisation of Government Grant and Consumers' Contribution coming to Rs. **371354.86** Lakh as on 01.04.2022

4.2.8.7: In the earlier paragraphs, the Commission already finds the admissible equity base at beginning as Rs. **335672.56** Lakh, Rs. **370770.71** Lakh, Rs. **396460.53** Lakh and Rs. **422150.35** Lakh for 2022-23, 2023-24, 2024-25 and 2025-26 respectively.

4.2.8.8: The Commission also finds the admissible equity addition as Rs. **35098.15** Lakh for



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2022-23 and thereafter Rs. **25689.82** Lakh per year in the 8th control period.

4.2.8.9: Current addition to GFA for each of the years from 2022-23 are considered after adjusting the audited amounts owing to Government Grant and Consumers' Contribution towards assets for 2022-23 and thereby such the projected amounts as considered by the Commission in the earlier paragraphs for the 8th control period.

4.2.8.10: Weighted average rate of interest for 2022-23 is considered based on the data submitted in Form: C of the APR petition for 2022-23 and weighted average rate of interests for 2023-24, 2024-25 and 2025-26 are considered based on the projected data submitted in Form: C of the tariff petition for 8th control period by WBSETCL as shown in the table below.

Table 4.10: Interest on Loan Capital (ILC)

Sr No	Particulars	Base Year	Ensuing Year		
		Audited	Projected		
		2022-23	2023-24	2024-25	2025-26
(Rs. In Lakh)					
1	GFA at Beginning as Approved (Excluding Government Grant & Consumers' Contribution)	1104607.52	1221601.34	1307234.08	1392866.82
2	Less: Admissible Equity Base at Beginning	335672.56	370770.71	396460.53	422150.35
3	Opening Gross Loan Capital (Normative)	768934.96	850830.63	910773.55	970716.47
4	Cumulative Depreciation & AAD at Opening	371354.86	404636.82	458351.38	516517.15
	Plus: Current Depreciation for 2022-23	33281.96			
	Plus: Current Depreciation for 2023-24		53714.56		
	Plus: Current Depreciation for 2024-25			58165.77	
	Plus: Current Depreciation for 2025-26				62616.99
5	Cumulative Depreciation at Closing	404636.82	458351.38	516517.15	579134.14
5	Opening Net Loan Capital (Normative)	397580.10	446193.81	452422.17	454199.32
6	Gross Current Addition to GFA	113622.45	86978.83	86978.83	86978.83
	Less: GFA of Current Government Grant	332.48			
	Less: GFA of Current Consumer Contribution	(3703.85)	1346.09	1346.09	1346.09
6	Net Current Addition to GFA	116993.82	85632.74	85632.74	85632.74
7	Current Addition to Equity Base as Admitted (30%)	35098.15	25689.82	25689.82	25689.82
8	Net Current Addition to Loan Capital (70%)	81895.67	59942.92	59942.92	59942.92
9	Current Depreciation	33281.96	53714.56	58165.77	62616.99
10	Closing Net Loan Capital (Normative)	446193.81	452422.17	454199.32	451525.25
11	Average of Net Loan Capital (Normative)	421886.96	449307.99	453310.74	452862.28
12	Weighted Average Rate of Interest on Long Term Loan Capital (%)	8.78	8.85	8.61	8.44
13	Interest on Loan Capital (Admissible)		39761.30	39041.10	38206.85
14	Interest on Loan Capital Excluding Working Capital (Projected)		45535.54	49407.71	55030.17
15	Interest Capitalised (Projected)		(6026.05)	(8804.17)	(10310.49)
16	Net Interest on Loan Capital (Projected)		39509.49	40603.54	44719.68
17	Interest Capitalised (Admissible)		(5261.90)	(6956.90)	(7158.46)
18	Net Interest on Loan Capital (Admitted)		34499.40	32084.20	31048.39



4.2.8.11: On the basis of calculations in table above, this Commission admits the interests on loan capital as Rs. **34499.40** Lakh, Rs. **32084.20** Lakh and Rs. **31048.39** Lakh for 2023-24, 2024-25 and 2025-26 considering the interest capitalized in proportion to the claim projected by WBSETCL.

4.2.9: Other Finance Charges:

4.2.9.1: As per Regulation: 5.6.4.2 (vii) in the Tariff Regulations, as amended, this Commission does not consider the other finance charges at this stage. However, if any amount of the other finance charges allowable shall be dealt at the truing up subject to prudent analysis.

4.2.10: Income Tax:

4.2.10.1: As per Para: 3.2.10 of the submission, WBSETCL projects the income taxes for 2023-24, 2024-25 and 2025-26 as per Section: 115BAA. This Commission admits the income tax applying MAT Rate@17.472% on the admitted RoE in the table above as Rs. **10388.92** Lakh, Rs. **11050.98** Lakh and Rs. **11679.38** Lakh for 2023-24, 2024-25 and 2025-26 respectively.

4.2.10.2: WBSETCL is directed to submit a comprehensive statement incorporating the amounts of (i) income tax recorded in the annual reports and accounts, (ii) income tax assessed, (iii) income tax paid and (iv) income tax refunded, if any, supported by documentary evidences vide assessment orders, copies of challans, copies of refund orders year wise from the year 2014-2015 till date with their APR application for 2023-24, 2024-25 and 2025-26. In this respect, the provisions in the Regulations: 5.13.1 and 5.13.2 may be referred to.

4.2.11: Interest on Working Capital (IWC):

4.2.11.1: WBSETCL projects the claim for interest on working capital for the 8th control period for Rs. **1451.79** Lakh, Rs. **1589.85** Lakh and Rs. **1819.46** Lakh for 2023-24, 2024-25 and 2025-26 respectively as in Form: 1.17 and Form: 1.17(b) whereas the claim for interest on working capital are furnished as Rs. **1503.79** Lakh, Rs. **1645.43** Lakh and Rs. **1881.54** Lakh for 2023-24, 2024-25 and 2025-26 respectively at Form: E(T).

4.2.11.2: The Commission, in the 4th amendment of Tariff Regulations, specifies the normative working capital requirement and rate of interest for transmission licensee in Regulations: 5.6.5.2. Accordingly, the interest on working capital is worked out at the table below as Rs. **2587.71** Lakh,



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Rs.2739.61 Lakh and Rs.2933.19 Lakh for 2023-24, 2024-25 and 2025-26 respectively considering annual **SBIMCLR@7%** as on **01.04.2022** plus **250** basis point as specified in the regulation.

4.2.11.3: The Commission admits Rs.2587.71 Lakh, Rs.2739.61 Lakh and Rs.2933.19 Lakh for 2023-24, 2024-25 and 2025-26 respectively on normative basis.

4.2.11.4: The working capital requirement will be recalculated during truing up in terms of proviso of clause (b) of Regulation: 5.6.5.2 of the Tariff Regulations as amended.

Table 4.11: Interest on Working Capital (IWC)

Sr No	Particulars	Ensuing Year		
		2023-24	2024-25	2025-26
		(Rs. In Lakh)		
1	Employee Cost for One Month	2047.74	2315.21	2699.28
2	O&M Expenses for One Month	1386.27	1499.45	1628.06
3	Maintenance Spares (15% of O&M Expenses)	2495.29	2699.00	2930.52
4	Employee Costs	24572.89	27782.50	32391.40
	WBPDCCL Charges	1561.57	1559.39	1560.25
	ULDC Charges	417.61	459.37	505.31
	ERPC Charges	16.00	16.00	16.00
	Operation & Maintenance Cost	16635.24	17993.35	19536.78
	Depreciation	53754.69	58205.90	62657.11
	Returns on Equity	59460.42	63249.67	66846.24
	Interest on Loan Capital	34499.40	32084.20	31048.39
	Other Financial Charges	0.00	0.00	0.00
	Income Tax	10388.92	11050.98	11679.38
	Interest on Working Capital	2587.71	2739.61	2933.19
	Gross ARR	203894.45	215140.98	229174.06
	Less : Non-Tariff Income	3041.04	2978.25	2915.44
	Less : STOA Charges	26158.81	29553.77	32948.74
Less : SLDC Expenses	1375.10	1533.57	1742.91	
Net ARR	173319.51	181075.40	191566.97	
	Receivables Equivalent to 45 days Transmission Charges Computed on target Availability (Excluding Incentive)	21309.78	22324.36	23617.85
5	Working Capital Requirement	27239.07	28838.02	30875.71
6	Interest@SBIMCLR + 250 Basis Point	9.50%	9.50%	9.50%
7	Interest on Working Capital (Admissible)	2587.71	2739.61	2933.19



4.2.12: Income from Non-tariff Sources:

4.2.12.1: In Form: 1.26, WBSETCL projects Rs.**4735.98** Lakh, Rs.**4989.99** Lakh and Rs.**5288.47** Lakh for 2023-24, 2024-25 and 2025-26 respectively as the total Non-Tariff Income including the interests on the deposits pertaining to SLDC and the fund on Reserve for Unforeseen Exigencies.

4.2.12.2: As furnished by WBSETCL, the interests on deposits pertaining to SLDC are projected Rs.**668.23** Lakh, Rs.**709.99** Lakh and Rs.**754.37** Lakh and the fund on Reserve for Unforeseen Exigencies are projected as Rs.**1026.71** Lakh, Rs.**1301.75** Lakh and Rs.**1618.66** Lakh for 2023-24, 2024-25 and 2025-26 respectively.

4.2.12.3: As projected by WBSETCL, the Commission admits the net income from the non-tariff sources for transmission business as Rs.**3041.04** Lakh, Rs.**2978.24** Lakh and Rs.**2915.44** Lakh for 2023-24, 2024-25 and 2025-26 respectively including the interest from fixed deposits and bank balances for transmission business and excluding the interests on deposits pertaining to SLDC and the fund on Reserve for Unforeseen Exigencies, as summarized in the following table.

4.2.13: Short Term Open Access (STOA) Charges:

4.2.13.1: The Commission decides to admit the estimates regarding STOA as projected by WBSETCL viz. Rs.**26158.81** Lakh, Rs.**29553.77** Lakh and Rs.**32948.74** Lakh for 2023-24, 2024-25 and 2025-26 respectively as in the table below, though without any supporting information. From the Annual Reports of 2017-18 to 2021-22, such charges are seen to be increased from Rs.**6961.03** Lakh to Rs.**31129.87** Lakh. This Commission considers the STOA Charge of Rs.**26158.81** Lakh, Rs.**29553.77** Lakh and Rs.**32948.74** Lakh for 2023-24, 2024-25 and 2025-26 respectively as projected by WBSETCL. This will be trued up in the respective APR order based on the actuals duly audited.

4.2.14: Incentive:

4.2.14.1: WBSETCL claims incentive citing tariff regulations for Rs.**322.51** Lakh, Rs.**351.97** Lakh and Rs.**400.37** Lakh respectively in 2023-24, 2024-25 and 2025-26 stating that they have actually achieved availability of 99.92% in 2022-23 and said to be maintained availability of 99.92% for each of the years in the 8th Control Period. The Commission however does not admit any amount



at present for the 8th Control Period and decides to consider the matter during truing up exercise taken up through APR for the years 2023-24, 2024-25 and 2025-26.

4.2.15: Reserve for Unforeseen Exigencies (RUE):

4.2.15.1: In terms of regulation 5.11 of the Tariff Regulations, WBSETCL was allowed Rs. **3834.24** Lakh in the tariff under head Reserve for Unforeseen Exigencies from 2006-07 to 2010-11. The Commission vide order dated 10.6.2014 while disposing Review of APR order for 2011-12 directed WBSETCL to maintain investment under the fund as on 31.3.2013 ie. Rs. **4804.69** Lakh and continue with investment of such the amount with accrued interest. In this Tariff Order for 2023-24, 2024-25 and 2025-26, no amount is allowed under this head in the ARR WBSETCL is, however, directed to maintain the fund already lying with them as per provision of the relevant Regulations. WBSETCL is further directed to submit details of its year wise investments made against reserve for unforeseen exigencies and interest accrued thereon duly certified by the statutory auditor along with its APR petitions for the years 2023-24 onwards

4.2.16: Special Allocations:

4.2.16.1: In their tariff petition, WBSETCL projects an amount of Rs. **13410.41** Lakh, Rs. **13627.86** Lakh and Rs. **14022.74** Lakh respectively for the years 2023-24, 2024-25 and 2025-26, towards special allocation arising out of the fund required for unforeseen exigencies as per Regulation 5.11.1 of the Tariff Regulation plus $\frac{1^{rd}}{3}$ of the revenue gap of Rs. **30761.93** Lakh as claimed in the APR petition of 2021-22, so distributed equally for each of the ensuing years.

4.2.16.2: In paragraph 4.2.16.2 this Commission has already decided that no amount under the head 'reserve for unforeseen exigencies' will be allowed in the ARR of the ensuing years 2023-24, 2024-25 and 2025-26 under the 8th control period. The refundable amount as determined in APR of 2020-21 and 2021-22 are to be dealt with in computation of recoverable amount in subsequent chapter.



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Table 4.12: Other Income and Other Expenditures

Sr No	Particulars	As per Tariff Order	Ensuing Year		
		2022-23	2023-24	2024-25	2025-26
(Rs. In Lakh)					
1	Expenses: WBPDC Charges	3663.74	1561.57	1559.39	1560.25
2	Expenses: ULDC Charges	1053.51	417.61	459.37	505.31
3	Expenses: ERPC Charges	16.00	16.00	16.00	16.00
4	Other Financial Charges	29.27	32.81	32.81	32.81
	Income: Non-Tariff Sources (Transmission + SLDC)	7027.59	4735.98	4989.99	5288.47
	Less Income: Interest from SLDC Deposits	1162.19	668.23	709.99	754.37
	Less Income: Interest on Fund on Reserve for Unforeseen Exigencies	534.12	1026.71	1301.75	1618.66
	Income: Non-Tariff Sources (Transmission)	5331.28	3041.04	2978.25	2915.44
6	STOA Charges	11431.44	26158.81	29553.77	32948.74
	ULDC Charges	1053.51	417.61	459.37	505.31
	Employee Costs	960.19	786.81	889.58	1037.16
	R&M Expenses	147.63	170.68	184.61	200.45
	A&G Expenses				
	Aggregate	2161.33	1375.10	1533.57	1742.91



CHAPTER 5: State Load Despatch Centre (SLDC) Charges:

5.1.1.1: In terms of West Bengal Power Sector Reforms Scheme 2007, notified by the Government of West Bengal, the functions and management of SLDC are the responsibility of WBSETCL. In the absence of break-up of SLDC expenses, the Commission proceeds to admit such expenditure based on the amount admitted in 2020-23 in the 7th control period.

5.1.1.2: In Paragraph: 3.2.14 as well as Form: E(T) of the Tariff petition, WBSETCL projects the expenditures on the head of SLDC charges as Rs.2942.77 Lakh, Rs.3129.33 Lakh and Rs.3325.59 Lakh in 2023-24, 2024-25 and 2025-26 respectively. Subsequently for the purpose of arriving at the revenue required from the transmission charges, an equivalent amount is deducted from the Gross Revenue Requirement (GRR) by WBSETCL.

5.1.1.3: The Commission admitted Rs.29987.67 Lakh as Employee Costs for WBSETCL and Rs.960.19 Lakh as Employee Costs for SLDC in the Tariff order for 2022-23. This Commission admits Rs.24572.89 Lakh, Rs.27782.50 Lakh and Rs.32391.40 Lakh as Employee Costs for year 2023-24, 2024-25 and 2025-26. Considering the proportion of SLDC expenses against total employee cost adopted in the tariff order for 2022-23 a sum of Rs.786.81 Lakh, Rs.889.58 Lakh and Rs.1037.16 Lakh for 2023-24, 2024-25 and 2025-26 respectively, as in the table below.

5.1.1.4: In similar way as above, the Commission admits a sum of Rs.170.68 Lakh, Rs.184.61 Lakh and Rs.200.45 Lakh for the years 2023-24, 2024-25 and 2025-26 respectively as SLDC's O&M Expenses against total O&M Expenses as admitted in this tariff order of the 8th control period, as in the table below.

5.1.1.5: In addition, as decided in paragraph 4.2.3.1 the ULDC expenses of Rs.417.61 Lakh, Rs.459.37 Lakh & Rs.505.31 Lakh respectively as admitted for the years 2023-24, 2024-25 and 2025-26 are considered in deterring the expenses related to SLDC.

5.1.1.6: As in the table, the admitted amounts of Rs.1375.10 Lakh, Rs.1533.57 Lakh and Rs.1742.91 Lakh for 2023-24, 2024-25 and 2025-26 respectively being the SLDC expenses are deducted from the ARR of WBSETCL for the purpose of deriving fixed cost for transmission function. The other incomes of SLDC along with the SLDC charge received from licensees in 2023-24, 2024-25 and 2025-26 shall be kept under the disposal of SLDC under WBSLDC-FUND



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as per the provisions of the WBERC (Miscellaneous Provisions) Regulations, 2013 to meet its expenses. WBSETCL shall submit the audited accounts of WBSLDC-FUND to the Commission within 30th November of succeeding year.

Table 5.1: SLDC Expenses

Sr No	Particulars	As per	Ensuing Year		
		Tariff Order	2023-24	2024-25	2025-26
		2022-23			
			(Rs. In Lakh)		
1	ULDC Charges	1053.51	417.61	459.37	505.31
	Employee Costs	960.19	786.81	889.58	1037.16
	R&M Expenses				
	A&G Expenses	147.63	170.68	184.61	200.45
	Aggregate	2161.33	1375.10	1533.57	1742.91



CHAPTER 6: AGGREGATE REVENUE REQUIREMENT AND REVENUE RECOVERABLE THROUGH TARIFF

6.1: Based on the analyses and findings recorded in the foregoing chapters, the statement of Aggregate Revenue Requirements is drawn for 2023-24, 2024-25 and 2025-26. Such the summarized statement is given in table below.

6.2: As may be seen in the table below, the amounts of Aggregate Revenue Requirement of WBSETCL for transmission functions for 2023-24, 2024-25 and 2025-26 are Rs.173319.51 Lakh, Rs.181075.40 Lakh and Rs.191566.97 Lakh respectively.

Table 6.1: Aggregate Revenue Requirement

Sr No	Particulars	2022-23	2023-24	2024-25	2025-26	2023-24	2024-25	2025-26
		Tariff	Projected			Admitted		
(Rs. In Lakh)								
1	Employee Costs	29987.67	31208.70	37431.18	46472.66	24572.89	27782.50	32391.40
2	WBPDC Charges	3663.74	3846.93	4039.27	4241.24	1561.57	1559.39	1560.25
3	ULDC Charges	1053.51	417.61	459.37	505.31	417.61	459.37	505.31
4	ERPC Charges	16.00	57.00	16.00	16.00	16.00	16.00	16.00
5	Operation & Maintenance Cost	14970.17	19019.66	20884.20	23617.70	16635.24	17993.35	19536.78
6	Depreciation	36871.79	37105.54	40683.14	45705.85	53754.69	58205.90	62657.11
7	Returns on Equity	58148.61	60885.64	66580.28	74525.97	59460.42	63249.67	66846.24
8	Net Interest on Loan	21536.42	39509.51	40603.83	44719.70	34499.40	32084.20	31048.39
9	Other Financial Charges	29.27	32.81	32.81	32.81	0.00	0.00	0.00
10	Income Tax	10159.72	14439.72	16334.65	18949.56	10388.92	11050.98	11679.38
11	Sub-total (Without WC)	176436.90	206523.12	227064.73	258786.80	201306.74	212401.37	226240.86
12	Interest on Working Capital	1101.78	1503.79	1645.43	1881.54	2587.71	2739.61	2933.19
13	Gross Revenue Requirement (GRR)	177538.68	208026.91	228710.16	260668.34	203894.45	215140.98	229174.06
14	Less : Non-Tariff Income	5331.28	3041.04	2978.24	2915.44	3041.04	2978.25	2915.44
15	Less: Interest Credit on Depreciation	96.94	379.90	504.04	979.38	NA	NA	NA
16	Less : STOA Charges	11431.44	26158.81	29553.77	32948.74	26158.81	29553.77	32948.74
17	Less : SLDC Expenses	2161.33	2942.77	3128.33	3325.59	1375.10	1533.57	1742.91
18	Net Revenue Requirement	158517.69	175504.39	192545.78	220499.19	173319.51	181075.40	191566.97
19	Add : Incentive	0.00	322.51	351.97	400.37	0.00	0.00	0.00
20	Add : Special Allocation	0.00	13410.41	13627.86	14022.74	0.00	0.00	0.00
21	Aggregate Revenue Requirement	158517.69	189237.31	206525.61	234922.30	173319.51	181075.40	191566.97



CHAPTER 7: TARIFF ORDER FOR 2023-24 AND 2024-25

7.1: In the previous chapter this Commission determines the Aggregate Revenue Requirement (ARR) for 2023-24, 2024-25 and 2025-26 for transmission system of WBSETCL. This Commission is now to fix the rate of recovery of the same from the transmission system users during the year 2023-24 and 2024-25 in accordance with the provisions of Regulation 6.16 of the Tariff Regulations. It is, however, to mention here that WBSETCL is not having any variable cost to recover from its system users besides the fixed charges as admitted by the Commission.

7.2: Transmission charges recoverable from the long-term users including distribution licensees or the open access customers are computed as per Regulation 6.16.5 of the Tariff Regulations, based on the allotted transmission capacity to each of the beneficiaries. In absence of specific contracted capacity mentioned in the long-term agreement of any existing licensee, the maximum value of month-wise average of daily peak demand of the year is to be considered for computation of recoverable transmission charge, subject to the overall available transmission capacity.

7.3: As per the submissions of WBSETCL, WBSEDCL, CESC and IPCL are the long-term users of the transmission network of WBSETCL. CESC and IPCL are having fixed amount of the allotted capacity as 150MW and 124MW respectively. Allotted capacity of WBSEDCL is derived by subtracting the fixed allotted capacity of CESC and IPCL from average yearly system demand.

7.4: WBSETCL in their tariff petition has projected the average yearly system demand as 7008.33MW for 2023-24 and 7359.00MW for 2024-25 based on the projections made by SLDC. The Commission in line with the principle stated in Paragraph: 6.2 and 6.3 above determines the allocated capacity of WBSEDCL for 2022-23 and 2023-24 as in the table below.

7.4.1: In paragraph 3.4 of the APR order for 2020-21 dated 11.12.2023 in Case No. APR – 87/ 21 – 22, the Commission has decided that the over recovery of Rs.17344.98 Lakh or part thereof shall be adjusted with the amount of aggregate revenue requirement for 2023-24 or that for any other ensuing year or through a separate order as may be decided by the Commission and the decision of the Commission will be given in the subsequent tariff order of WBSETCL for any ensuing year or in a separate order.



7.4.2: In paragraph 3.4 of the APR order for 2021-22 dated 03.01.2024 in Case No. APR – 105/ 21 – 22, the Commission has decided that the over recovery of Rs.1600.11 Lakh or part thereof may be adjusted with the amount of aggregate revenue requirement for the subsequent period or that for any other ensuing year or through a separate order as may be decided by the Commission and the decision of the Commission will be given in the subsequent tariff order of WBSETCL for any ensuing year or in a separate order.

7.5: WBSETCL has submitted an application on 07.02.2024 for review of the APR order dated 11.12.2023 in Case No. APR – 87/ 21 – 22 for the year 2020-21 raising some computational error. The review application of WBSETCL has been admitted by the Commission. WBSETCL has also submitted an application on 01.03.2024 for review of the APR order dated 03.01.2024 in Case No. APR – 105/ 21 – 22 for the year 2021-22 raising some computational error. In view of the above this Commission decides not to adjust the over recovery amount of Rs 17344.98 Lakh as determined in APR 2020-21 in the tariff for 2023-24 and 2024-25. Commission also not to consider the adjustment of over recovery amount of Rs 1600.11 Lakh as determined in APR 2021-22 in the tariff for 2023-24 and 2024-25. The decision of the Commission will be given in the order passed by the Commission disposing the review application submitted by WBSETCL

Table 7.1: Rate of Recovery of Transmission Charges

Sr No	Particulars	2023-24	2024-25
		(Rs./MW/Month)	
1	Aggregate Revenue Requirement (Rs. In Lakh)	173319.51	181075.40
2	Net Aggregate Revenue Requirement Recoverable through Tariff	173319.51	181075.40
3	Average Annual System Demand of WBSETCL (MW)	7008.33	7359.00
4	Allocated Transmission Capacity of CESC (MW)	150.00	150.00
5	Allocated Transmission Capacity of IPCI (MW)	124.00	124.00
6	Residual Transmission Capacity of WBSETCL (MW)	6734.33	7085.00
7	Maximum Annual System Demand of WBSEDCL (MW)	6734.33	7085.00
8	Allocated Transmission Capacity of WBSEDCL (MW)	6734.33	7085.00
9	Recoverable ARR (Rs. In Lakh)	173319.51	181075.40
10	Total Allocated Transmission Capacity of WBSETCL to Long-term Customers (MW)	7008.33	7359.00
11	Rate for Long-term Users in Rs./MW/Month (Subject to Adjustment as per Regulation: 6.16.5 of Tariff Regulations, as Amended)	206087.50	205049.82



Tariff Order of WBSETCL for 2023-24 & 2024-25

7.6: Provided that the rates for short-term customers are to be determined as per the relevant provisions of the West Bengal Electricity Regulatory Commission (Open Access) Regulations, 2022 and to be uploaded at the website of SLDC within 5 days from issuance of this order.

7.7: The tariff for 2023-24 and 2024-25 shall be applicable from the billing month pertaining to April'2023 and April'2024 respectively and tariff for 2024-25 shall continue till further Tariff Order is issued. Adjustments, if any, for over recovery / under recovery for the period from 01.04.2023 to the month of issuance of this order from the open access customers shall be made in twelve (12) equal monthly installments. Such adjustment shall start from next billing month of issuance of this order.

7.8: As already decided by the Commission in paragraph 4.2.2.3 of this order, WBSETCL will pay the recoverable cost for Bakreswar and Sagardighi Transmission Systems as payable to WBPDCCL as per Tariff order dated 10.01.2024 in case no TP-103/22-23 in respect of WBPDCCL for 2023-24 and 2024-25.

7.9: SLDC shall, in terms of sub-section (3) of section 32 of the Electricity Act, 2003 and the provisions of the West Bengal Electricity Regulatory Commission (Miscellaneous Provisions) Regulation, 2013, continue to levy every month as the SLDC charges at the existing rate @ 0.5 paise/kWh from the licensees for using intra-state transmission system in the State of West Bengal, on their implemented schedule (s) of injection of power into the grid or on the quanta of electricity transmitted, as the case may be.

7.10: The realizations of the revenue from its transmission system users are supposed to meet the Aggregate Revenue Requirement (ARR) of WBSETCL. The recovery of such revenue over the concerned year on piecemeal basis may result in under or over recovery of the total amount of fixed charges. It is, therefore, stipulated that the amount of any such under or over recovery will be dealt with suitably in APR for the concerned year.

7.11: WBSETCL is directed to submit the audited annual accounts of SLDC 2023-24 and 2024-25 clubbed with a statement showing item wise and head wise actual expenses along with their application of APR for the concerned year.



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Tariff Order of WBSETCL for 2023-24 & 2024-25

7.12: WBSETCL shall present to the Commission a gist of this order in accordance with the Regulation: 2.9.6 of the Tariff Regulations, as amended, within three (3) working days from the date of receipt of this order for approval of the Commission and on receipt of the approval shall publish the approved gist in terms of the aforesaid regulation within four (4) working days from the date of receipt of the approval of the Commission.



CHAPTER 8: DIRECTIONS

8.1: The Commission has given some direction in different paragraphs in Chapter 3, Chapter 4 and Chapter 6 of this order while determining the fixed cost of WBSETCL. WBSETCL shall comply with those directions. The Commission also gave directions through earlier Tariff Orders. Some of those directions are in continuous nature and WBSETCL shall continue to abide by them. In addition, WBSETCL shall further comply with the following directions while submitting the APR petition for 2023-24 and 2024-25:

8.1.1: While submitting application for APR, WBSETCL shall show through audited accounts of different terminal benefit funds that the contribution to the different terminal benefit funds during the concerned year as a part of employee cost has been duly deposited in the related terminal benefit funds, duly certified by independent auditor. WBSETCL shall ensure that at least one-twelfth of the amount on account of terminal benefit, as a part of employee cost admitted in the tariff order, is to be deposited in different terminal benefit funds every month as a first charge item. In case of failure in depositing the amount admitted for terminal benefit fund as directed above, the Commission at its own discretion may withhold or deduct an amount equivalent to the non-deposited amount by WBSEDCL.

8.1.2: While submitting application of APR, WBSETCL shall have to submit the following through affidavit: 'That no expenditure has been claimed by WBSETCL through the APR petition on employee or infrastructure or any other support or O&M activity pertaining to any other business of WBSETCL unrelated to their licensed business'.

8.1.3: WBSETCL shall submit the certificate from the auditor of the annual accounts regarding particulars of number of Sub-Station Bays and length of Transmission Lines (km) as per the table which is described in Norms of O&M Expenses for Transmission Licensee: C4 of Schedule-9A under Para: 52 of the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) (Fourth Amendment) Regulations, 2023. Asset which is not owned by the WBSETCL but maintained by WBSETCL shall be shown separately.

8.1.4: WBSETCL shall submit a list of expenditure arising on account of penalty, fine and compensation due to non-compliance of any statute or statutory order along with the reasons for each such type of penalty, fine and compensation.



8.1.5: While submitting application for APR, WBSETCL shall submit the Asset Register Summary duly certified by the Statutory Auditor as per Annexure – 10 of the Tariff Regulations, as amended.

8.1.6: Except for the projects entirely funded through Government grant or where the project is partly funded by the Government grants and direct investment of WBSETCL through loan or equity is within Rs. 125 Crore or 5% of its Gross Fixed Asset, WBSETCL has to take investment approval for the projects as required under the Tariff Regulations. Capitalization of the assets should be done only after date of put in use of the assets. WBSETCL shall submit the cost benefit analysis of the completed projects along with APR petition.

8.1.6.1: WBSETCL shall furnish the details of the capital investments made in transmission system during the year along with the APR application of any ensuing year. WBSETCL shall also submit the benefits achieved with implementation of such capital investment vis-à-vis benefits projected during taking up of such investments. In case of non-submission of the above information the application of APR will not be admitted. WBSETCL shall come up with details of actual equity infusion along with COD status of projects during truing up for the respective years. The Commission will accordingly review the matter then.

8.1.7: WBSETCL shall submit a comprehensive statement incorporating the amounts of (i) income tax provided in the annual reports and accounts, (ii) income tax assessed, (iii) income tax paid and (iv) income tax refunded, if any, supported by documentary evidences vide assessment orders, copies of challans, copies of refund orders year wise from the year 2014-2015 till date with the APR application for the respective years of the control period.

8.1.8: WBSETCL shall furnish the following documents to the Commission within three months from the date of issue of this order:

8.1.8.1: Category-wise details of Deposit Works undertaken in different years including date of commencement and completion, value of each of the deposit works, etc. WBSETCL shall also furnish details of supervision charges claimed for creation of assets out of consumer contributions of WBSEDCL.

8.1.8.2: Transfer of the assets to WBSEDCL already created by WBSETCL out of the



WBSEDCL's consumer contribution.

8.1.8.3: A Deposit Asset Management Plan, to be formulated jointly by WBSETCL and WBSEDCL, streamlining the process of creation of asset, transfer of asset, maintenance of Asset Register, different aspects of financial management cash/ fund flow, maintenance of appropriate book of accounts, reconciliation of accounts, etc.

8.1.9: WBSETCL shall furnish through affidavit, within a period of three months from the date of issue of this order, the allotted capacity to its long-term customers for the year 2023-24 and 2024-25 along with the copy of agreements with the long-term customers.

8.1.10: All the reports called for in this chapter are in addition to what are statutorily required to be submitted, in terms of the provisions of the Act or the Rules, or any of the Regulations made thereunder, or all taken together, for the purpose of submission in the Annual Performance Review of 2023-24 and 2024-25. WBSETCL along with its APR application shall also submit a reconciliation statement, duly certified by the auditor, for items of expenditure wherever the amount claimed in APR petition differs from the Annual Accounts.

8.1.11: Henceforth, any petition along with supporting data/ information (scan copy or original as the case may be) shall be submitted by WBSETCL in a legible format considering a minimum font size of 12 and line spacing of 1.5.

Sd/-

(PULAK KUMAR TEWARI)

MEMBER

Dated: 07.03.2024

Sd/-

(MALLELA VENKATESWARA RAO)

CHAIRPERSON

Sd/-

(SECRETARY)