



TARIFF ORDER

OF THE

WEST BENGAL ELECTRICITY REGULATORY COMMISSION

FOR THE YEAR 2018 – 2019 AND 2019 – 2020

IN

CASE NO: TP – 86 / 19 - 20

**IN RE THE TARIFF APPLICATION OF THE WEST BENGAL
STATE ELECTRICITY TRANSMISSION COMPANY LIMITED**

FOR THE YEARS 2018 – 2019 AND 2019 – 2020

UNDER SECTION 64 (3) (a) READ WITH SECTION

62 (1) OF THE ELECTRICITY ACT, 2003

DATE:16.12.2020

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

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"), has been 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 has notified and authorized 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.
- 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 third control period shall be normally for a period of five ensuing years or such other period of number of ensuing years as may be decided by the Commission from time to time The Commission vide order dated 06.09.2017 in case no. SM-18/17-16 decided that the sixth control period shall be for two years consisting of 2018 – 2019 and 2019 – 2020.
- 1.4 In terms of the Notification No. 328/PO/O/C-IV/1E-60/13 (Part-VA) dated 26th December, 2018, the Government of West Bengal notified that with effect from 01.01.2019 the entire distribution and transmission business and activities





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presently under the Durgapur Projects Limited (DPL) along with all associated assets and liabilities will be transferred to the West Bengal State Electricity Distribution Company Limited (WBSEDCL) and the West Bengal State Electricity Transmission Company Limited (WBSETCL) respectively. Subsequently, in terms of Notification No. 332-PO/O/C-IV/IE-60/13 (Part-VA) dated 31st December, 2018 issued by the Government of West Bengal in exercise of its power conferred under Section 108 of the Act, the Commission issued the following order vide Case No. A-6/14 dated 31st December, 2018:

- a) WBSEDCL is allowed to take over the entire business of distribution of electricity of DPL along with all associated assets and liabilities and undertake distribution functions with the licensed area of DPL with effect from 01.01.2019.
- b) WBSETCL is allowed to take over the entire business of transmission of electricity of DPL along with all associated assets and liabilities and undertake transmission functions within the licensed area of DPL with effect from 01.01.2019.

1.5 In view of the above notifications of the Government of West Bengal and the order of the Commission, WBSETCL took over the transmission part of DPL (863.2 MVA and 47.8 CKM) with effect from 01.01.2019.

1.6 Accordingly, WBSETCL submitted the petition on 31.07.2019 for determination of tariff for the sixth control period consisting of the years 2018 – 2019 and 2019 – 2020. After receiving the tariff petition for 2018 – 2019 and 2019 – 2020 of WBSETCL, the Commission on scrutiny observed that some documents which are required in terms of regulation 2.5.2 and some forms as prescribed in different annexures in terms of regulation 2.7.2 of the Tariff Regulations, were not submitted along with tariff application. Accordingly, WBSETCL was requested to submit all those documents / forms vide Commission's letter dated 21.11.2019. In reply, WBSETCL submitted the requisite data / information vide their letter memo no.





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Dir(Opr)/WBSETCL/ACE/RAC/2(iv)/221 dated 06.12.2019 and Dir(Opr)/WBSETCL/ ACE/RAC/2(iv)/223 dated 16.12.2019 in specified format.

- 1.7 The application for tariff determination for the years 2018 – 2019 and 2019 – 2020 submitted on 31.07.2019 and the information / data furnished on 06.12.2019 and 16.12.2019 (collectively termed as 'tariff application') were admitted by the Commission in Case No. TP-86/19-20 with the direction to publish the gist of their tariff application, as approved by the Commission, in the news papers and also in the website of WBSETCL as per provisions of the Tariff Regulations. The gist was, accordingly, published simultaneously on 16.01.2020 in the news papers - (i) 'The Times of India' (English), (ii) 'Ajkal' (Bengali), (iii) 'Bartaman' (Bengali) and (iv) 'The Telegraph' (English). The gist along with the tariff application was also posted in the website of WBSETCL. The publication invited 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 sixth control period and requested for submission of suggestions, objections and comments, if any, on the tariff application to the Commission latest by 17.02.2020.
- 1.8 No suggestion and objection on the tariff application of WBSETCL was received within the stipulated time i.e. 17.02.2020.

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CHAPTER - 2 THE CASE OF THE WBSETCL

- 2.1 In its tariff application for the sixth control period comprising of the financial years 2018 – 2019 and 2019 – 2020, WBSETCL has projected amounts of Aggregate Revenue Requirements (ARR) as under:

Year	Aggregate Revenue (Rs lakh)	Allocated Transmission Capacity (MW)	Transmission charges (Rs. per MW per month)
2018 – 2019	151312.26	6265.00	2,01,254.77
2019 – 2020	194124.64	6639.00	2,43,667.02

- 2.2 WBSETCL has undertaken the construction of new EHV sub-stations and lines, augmentation of capacity of existing EHV lines sub-stations and other schemes and took over the transmission part of the Durgapur Projects Limited (DPL) of 863.2 MVA (47.8 CKM).
- 2.3 Presently, West Bengal State Electricity Distribution Company Limited (WBSEDCL), CESC Limited (CESC) and Solitaire Industrial Infrastructure Private Limited (SIPL) are the only three long-term users of the transmission network of WBSETCL. CESC and SIPL have fixed amount of allotted capacity amounting 150 MW and 5 MW respectively. Allotted capacity of WBSEDCL is derived by subtracting the fixed allotted capacity of CESC and SIPL from average yearly system demand. The other agencies use the said system only on short term basis. Average yearly system demand for the year 2018 – 2019 has been certified by SLDC as 6265 MW and average yearly system demand for the ensuring year 2019 – 2020 has been projected by SLDC as 6639 MW.
- 2.4 In regard to the fixed charges claimed by WBSETCL under different heads of accounts during the years under the sixth control period, WBSETCL clarified as under:

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2.4.1 Operation and Maintenance (O&M) Expenses:

2.4.1.1 As stated in their petition submission text at para 3.1.2 WBSETCL has taken the actual expenditure for different heads under the operation and maintenance head (O&M) for the year 2018 – 2019 and projected for the year 2019 – 2020 on the basis of CAGR of the actual expenses incurred for the last 5 years period ending 2018 – 2019 after adding 10% margin in order to mitigate the risks of inflation in future fiscal years and to encourage the company to undertake required O&M works to ensure reliability of supply and health of assets. WBSETCL has considered a weightage of 70% and 30% respectively for sub-station expenses and Transmission Line expenses. However, WBSETCL has not furnished break-up of sub-station Expenses and Transmission line expenses. Using the above method the consolidated annual escalation rates for 2019-20 has been considered @8.5%.

2.4.1.2 The sub-station and line capacity additions for 2018 – 2019 have been taken at actuals i.e., 3917.48 MVA and 462.22 CKM. It is also submitted that as per perspective plan 1079.90 CKM of transmission line and 1600.00 MVA of sub-station capacity have been planned to be added in 2019 – 2020.

2.4.1.3 Using the above method and on the basis of business growth projected for the fiscal year 2019-2020 WBSETCL has projected 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. 8417.84 lakh and Rs. 9118.77 lakh respectively.

2.4.2 Employee Cost:

2.4.2.1 Average employee cost per employee has been taken at actuals for the financial year 2018 – 2019 and projected in 2019-20 on the basis of CAGR of the actual average employee cost per employee incurred during preceding 4 years ending in financial year 2018 – 2019. The projection of employee cost for 2018 – 2019 & 2019-20 are stated to have been made by WBSETCL on the basis of the





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approved manning pattern for their various operation units and taking into account the business growth, existing vacancies, future retirements and ongoing recruitments. Impact of pay revision alongwith arrears have also been considered in employee cost including terminal benefits. WBSETCL has not furnished any details of pay revision.

2.4.2.2 Accordingly, WBSETCL projected Rs 15822.62 lakh and Rs. 36902.42 lakh as employee cost for the years 2018 – 2019 and 2019 – 2020 respectively, after net of the capitalized employee cost.

2.4.3 Rates and Taxes:

2.4.3.1 Rates and Taxes for the year 2018 – 2019 has been taken at actual of Rs. 133.14 lakh and payable in 2019 – 2020 has been projected as Rs. 144.57 lakh after considering an annual increase of 8.58% (arrived from CAGR of last four years ending in 2018 – 2019) over a base tax outgo of Rs. 133.14 lakh incurred in 2018 – 2019.

2.4.4 License/ Filing fees:

2.4.4.1 WBSETCL has projected the license and filing fees payable for the year 2018-2019 and 2019 - 2020 as Rs. 269.54 lakh and Rs. 308.68 lakh on the basis of relevant Rules and Regulations.

2.4.5 Cost of Outsourcing:

2.4.5.1 WBSETCL has shown Rs. 1914.60 lakh and Rs. 875.32 lakh towards Security Service and Vehicle charges respectively on account of outsourced services during the year 2018 – 2019 and projected Rs. 2078.94 lakh and Rs. 950.45 lakh towards Security Service and Vehicle charges respectively on account of outsourced services for 2019 – 2020.

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2.4.6 Depreciation:

2.4.6.1 The assets capitalization for the year 2019 - 2020 has been projected to be Rs 102663.39 lakh out of projected total capital expenditure of Rs. 131109.17 lakhs considering actuals for the year 2018 – 2019. The amount of chargeable depreciation, computed in terms of Tariff Regulations are Rs 26059.26 lakh and Rs. 27740.75 lakh for the years 2018 – 2019 and 2019 – 2020 respectively.

2.4.7 Advance against Depreciation:

2.4.7.1 WBSETCL has projected Rs. 1839.84 lakh and Rs. 1747.26 lakh as advance against depreciation for the years 2018 – 2019 and 2019 – 2020 respectively based on the depreciation amount and the loan repayment schedule.

2.4.8 Interest and Finance Charges:

2.4.8.1 Total interest payable on loans from the Government and other Financial Institutions in the year 2018 – 2019 and 2019 – 2020 has been worked out to be Rs. 32730.08.17 lakh and Rs. 43910.34 lakh respectively, including interest on pension bond, after capitalizing a part of such amounts of interest charges. The above figures do not include interest on working capital of Rs. 921.65 lakh and Rs. 1891.05 lakh for the years 2018 – 2019 and 2019 – 2020 respectively which has been claimed separately at the actual rate of 8.70%. WBSETCL has also projected an amount of Rs. 27.19 lakh towards other finance charges for each of the years 2018 – 2019 and 2019 – 2020.

2.4.9 Income Tax:

2.4.9.1 WBSETCL has projected Rs. 13609.87 lakh and Rs. 16293.48 lakh as income tax payable on account of income/profit during the years 20185 – 2019 and 2019 – 2020 respectively. For the year 2018 – 2019, the actual tax on income/profit paid has been considered. As stated at para 3.2.11 of their submission text Income Tax for the year 2019 – 2020 has been considered at lower of corporate





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tax rates and Minimum Alternative Tax rates. WBSETCL has not clearly specified the rate adopted for projection in 2019-20.

2.4.10 Amount payable to WBPDCCL:

2.4.10.1 WBSETCL has projected Rs. 4676.26 lakh paid during the year 2018 – 2019 and Rs. 4910.07 lakh payable in 2019 – 2020 to WBPDCCL on account of cost of the evacuation line from Bakreswar Thermal Power Station financed by WBPDCCL considering the directives of the Commission's order dated 01.12.2012.

2.4.11 SLDC charges:

2.4.11.1 WBSETCL has projected the expenditure of SLDC for 2018 – 2019 and 2019 – 2020 as Rs. 1984.44 lakh and Rs. 2083.66 respectively and included the same in Forms 1.13 and 1.17 under the appropriate heads. Subsequently for the purpose of arriving at the revenue required from Transmission charge an equivalent amount has been deducted as SLDC Handling Charges from the Gross Revenue Requirement.

2.4.12 Reserve for unforeseen Exigencies:

2.4.12.1 WBSETCL has not claimed any amount as reserve for unforeseen exigencies.

2.4.13 Return on Equity:

2.4.13.1 The amounts of return claimed by WBSETCL are Rs. 40796.16 lakh and Rs. 45627.41 lakh for the years 2018 – 2019 and 2019 – 2020 considering the provision prescribed in regulation 5.4.2 of the Tariff Regulations. 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 for the ensuing years.

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2.4.14 Incentive:

- 2.4.14.1 WBSETCL has submitted that they have achieved annual availability factor to the tune of 99.91% during the year 2018 – 2019 and aiming at 99.90% in 2019 - 2020. Accordingly, in terms of paragraph 8 of Schedule-10 of the Tariff Regulations, WBSETCL has claimed Rs. 242.71 lakh and Rs. 291.92 lakh for the years 2018 – 2019 and 2019 – 2020 respectively towards incentive for additional availability of 0.16% and 0.15% respectively.

2.4.15 Special Allocation:

- 2.4.15.1 WBSETCL has projected an amount of Rs. 13001.93 lakh and Rs. 10515.63 lakh for the years 2018 – 2019 and 2019 – 2020 respectively, towards Special allocation arising out of recoverable amount as per APR Petitions of 2013-14 to 2017-18 proposing commencement of the same from 2018 – 2019.

2.4.16 Income from Inter-State Transmission Charges:

- 2.4.16.1 WBSETCL has submitted that they have not claimed any amount as income from inter-state transmission charges for the years 2018 – 2019 and 2019 – 2020 in absence of any order from CERC determining the transmission tariff for inter-state transmission lines for period from 2014 – 2015 and 2017 – 2018. However, upon receipt of the order of CERC, the same shall be claimed in APR for the respective years.

2.4.17 Other Income

- 2.4.17.1 WBSETCL has projected Rs. 5729.86 lakh and Rs. 5553.65 lakh as income from non-tariff sources and Rs. 7655.38 lakh and Rs. 6255.88 lakh as income from short-term open access (STOA) charges for the years 2018 – 2019 and 2019 – 2020 respectively. WBSETCL computed their Annual Revenue Requirement after adjusting the projected income from non-tariff sources and STOA charges.





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2.4.18 Aggregate Revenue Requirement:

- 2.4.18.1 Based on the above assumptions the summarized annual revenue requirements for the years 2018 – 2019 and 2019 – 2020 under the sixth control period has been provided in Form E(T) of Annexure – I as per the provisions of the Tariff Regulations.

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CHAPTER- 3 PERSPECTIVE PLAN OF WBSETCL

- 3.1 WBSETCL has submitted their Annual Plan for 2019 – 20 and the Rolling Plan of WBSETCL for the period of 2020 – 21 to 2024 – 25 as a Perspective Plan in terms of clause (xvii) of regulation 2.5.2.1 of the Tariff Regulation.
- 3.2 In the Rolling Plan, WBSETCL has stated the following:
- 3.2.1 The Rolling Transmission Plan has been prepared with identification of transmission system addition requirements, their need and time frame for implementation commensurate with generation addition 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. For a coordinated development process the transmission plan is formulated taking advantage of development plans for regional grid system.
- 3.2.2 The Rolling Transmission Plan is finalized considering the projected district wise demand of the State and availability of land for sub-station for the period from 2020-21 to 2024-25 and has been discussed with SLDC and beneficiary distribution licensees in the state.
- 3.2.3 To ensure that the planned transmission network gets implemented as per the schedule, the issues related to ROW, forest clearance and various other clearances would need to be addressed with the appropriate authority.
- 3.2.4 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 19th 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 has been planned with optimal





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corridors of transmission duly considering such diversity of demand and provides saving in generation resources in the state.

3.3 WBSETCL submitted a gist of their approved Annual Plan for 2019 – 20 which has been tabulated below:

a) New Substation and Upgradation of Substation (including bays):

Sub-stations	New	Up-gradation	Total	MVA	Establishment Cost (in Rs Lakh)
400 kV Sub-station	-	-	-	-	-
220 kV Sub-station	2	-	2	640	14999
132 kV Sub-station	6	-	6	960	21330
Total	8	-	8	1600	36329

b) New Transmission Line:

Transmission Line	Transmission Line Length (in CKM)	Establishment Cost (in Rs Lakh)
400 kV Transmission Line	182.50	23462
220 kV Transmission Line	46.40	4309
132 kV Transmission Line	851.00	48854
Total	1079.90	76625

3.4 WBSETCL also submitted their Rolling Plan for 2020 – 21 to 2024 – 25 which has been tabulated below:

a) New Substation and Upgradation of Substation (including bays):

Sub-stations	New	Up-gradation	Total	MVA	Establishment Cost (in Rs Lakh)
400 kV Sub-station	2	-	2	1800	30980
220 kV Sub-station	8	6	14	4340	76380
132 kV Sub-station	36	4	40	4297	144407
66 kV Sub-station	1	-	1	40	1100
Total	47	10	57	10477	252867

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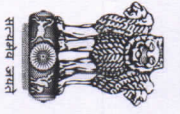
b) New Transmission Line:

Transmission Line	Transmission Line Length (in CKM)	Establishment Cost (in Rs Lakh)
400 kV Transmission Line	420.00	38942
220 kV Transmission Line	908.70	101395
132 kV Transmission Line	2947.80	206056
66 kV Transmission Line	14.00	456
Total	4290.50	346849

- 3.5 WBSETCL in their Rolling Plan has submitted brief details of their project along with district wise projected load demand at EHV Substation Bus duly covering the necessity of the project. The details of project covered the estimate project cost, commissioning schedule and the expected mode of funding.
- 3.6 The Commission after analyzing the Rolling Plan of WBSETCL up to 2024 – 25 observes that WBSETCL during the year 2018 – 19 and 2019 – 20 has submitted investment approvals of some of the projects which are in the Rolling Plan with revised project cost based on the latest available cost data references. The Commission also approved the investment proposals of WBSETCL in terms of regulation 2.8.2.3 of the Tariff Regulations.
- 3.7 Considering the approval given on those projects, the Commission modified the Rolling Plan considering the project cost on those projects and approves the plan in terms of regulation 2.9.3 of the Tariff Regulations as detailed in Annexure – 3.
- 3.8 The Commission also directs WBSETCL to submit investment proposals for each of the project as given in the approved Rolling Plan alongwith Detailed Project Report along with a gist of the project in terms of regulation 2.8.2.3 of the Tariff Regulations for approval of the Commission. Specially for proposed new 66 kV sub-station in the perspective plan, WBSETCL shall not proceed without approval of the Commission.

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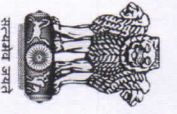
**ANNEXURE – 3
APPROVED PERSPECTIVE PLAN**

Substations

DETAILS OF SUBSTATION		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars	Total MVA	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	
400 kV Substations													
1	400 kV New Lakhshmikantapur S/stn & ATS	700						700	12710				
2	400 kV Katwa s/stn	1000								1000	12630		
220 kV Substations													
1	220 kV Rejinagar AIS	420	420	5904.78									
2	220kV Gazole GIS	420	420	9094.00									
3	220 kV N. Town AA-IIC GIS	520			520	7914.07							
4	220 kV Barupur GIS	420			420	6557.41							
5	220 kV Jangalpur GIS	420			420	5246.83							
6	220 kV Mongalpur GIS	200			200	3500.87							
7	220 kV Kolasur GIS	320								320	5220		
8	220 kV New Baikul GIS	320								320	5220		
9	220 kV Mayapur / Khanakul GIS	100								100	4050		
10	220 kV Falakata GIS	420						420	7500				
11	220 kV Belmuri GIS at 132 kV s/stn	320					320	3259.57					
12	220kV Food park GIS at 132 kV s/stn	320					320	3500					
13	220 kV Mahachanda GIS at 132 kV s/stn	320					320	4970					

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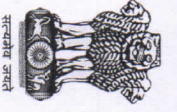


DETAILS OF SUBSTATION		Total	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars	MVA	Asset addition	Amount	Asset addition	Amount	Asset addition	Amount	Asset addition	Amount	Asset addition	Amount	Asset addition	Amount
			MVA	Rs lakh	MVA	Rs lakh	MVA	Rs lakh	MVA	Rs lakh	MVA	Rs lakh	MVA	Rs lakh
14	220 kV Ck Rd GIS at 132 kV s/stn	320									320	5220		
15	220 kV N. Hindmotor GIS at 132 kV s/stn	320											320	5480
16	220 kV Raghunathpur GIS at 132 kV s/stn	320											320	5480
132 kV Substations														
1	132 kV Dinhat GIS	100	100	2708.59										
2	132 kV Debra GIS	100	100	3493.78										
3	132 kV Jhalda GIS & 2 no 132 kV bays at Bagmundi	100	100	2865.14										
4	132 kV Salar GIS	100	100	2698.72										
5	132 kV Burdwan GIS	150	150	2890										
6	132 kV Salt lake Stadium GIS	160	160	3889										
7	132 kV Panagarh GIS (2nd Transformer)	50	50	0										
8	132 kV Renia GIS	100			100	2574.03								
9	132 kV Panchami GIS	100			100	3001.08								
10	132 kV Minakhan GIS	100			100	2686.89								
11	132 kV Kona GIS	100			100	2941.68								
12	132 kV Harischandrapur GIS	100			100	2640.64								
13	132 kV Labhpur GIS	100			100	2557.71								
14	132 kV Kushmandi GIS	100			100	2469.65								
15	132 kV Ramnagar GIS	100					100	3158.32						
16	132 kV Gardwani GIS	100					100	3700						
17	132 kV Nilgunj GIS	100					100	3601.15						

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West Bengal Electricity Regulatory Commission





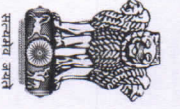
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Sl No	Particulars	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
		Total MVA	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA
18	132 KV Birlapur GIS	100											
19	132 KV Panpur GIS	160											
20	132 KV Marbazar GIS	63				63	2476.76						
21	132 KV Ramganga GIS	100				100	3289.98						
22	132 KV Bakidanga GIS	100				100	2476.02						
23	132 KV Gaighata GIS	100				100	3433.42						
24	132 KV Jagatballavpur GIS	100						100	3166.17				
25	132 KV Chandiberia GIS	100				100	2800						
26	132 KV Gangaganagar GIS	100				100	2800						
27	132 KV Chapra GIS	100						100	3590				
28	132 KV Taldanga GIS	100						100	3760				
29	132 KV N. Hindmotor GIS	100						100	3590				
30	132 KV Mahisadal GIS	100						100	3760				
31	132 KV Manikchak / Paranpur GIS	100						100	3590				
32	132 KV Goaltore GIS	100						100	3760				
33	132 KV Harriumpur GIS	100										100	3940
34	132 KV Malda Bazar GIS	100						100	3090				
35	132 KV Jagadishpur GIS	100										100	3940
36	132 KV Habibpur GIS	100						100	3090				
37	132 KV N. Kalimpong GIS	70						70	3000				
38	132 kv Ilambazar GIS	100										100	3940
39	132 KV Sakora GIS	63										63	3940

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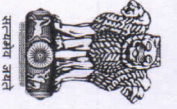


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DETAILS OF SUBSTATION		2019-20		2020-21		2021-22		2022-23		2023-24		2024-25		
Sl No	Particulars	Total MVA	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh	Asset addition MVA	Amount Rs lakh
		40	132 kV Kumargram GIS	63										
41	132 kV Kumarganj GIS	63											63	3400
42	132 kV Khata GIS	63											63	3940
43	132 kV Daspur GIS	100											100	3940
44	132 kV Bagual GIS at 66 kV s/stn	100			100	3049.89								
45	132 kV Kamakhya Guri GIS at 66kV s/stn	63			63	928.03								
46	132 kV Hasimara GIS at 66 kV s/stn	126					126	2061.99						
47	132 kV Banarhat GIS at 66 kV s/stn	63											63	2600
48	132/33 kV at N. Sagardighi 220 kV s/stn	100			100	997.95								
49	132/33 kV at New PPS 400 kV s/stn	200											200	5640
66 kV Substations														
1	66 kV Lolegaon S/stn	40							40	1000				
Total			1600	33544	2523	47066	1889	43768	2150	49296	2623	51860	1292	41400

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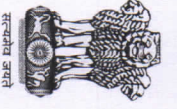


Substation Bays

DETAILS OF BAYS		Total No	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars		Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh
220 kV Substation Bays														
1	220 kV GIS bay at Barasat for Rajahat	2		2	1164.11									
2	220 kV Bay at Hura for LILO STPS - Bishnupur	2				2	300							
3	220 kV Bay at Krishnagar for Jeeral	2				2	300							
4	220 kV bay at KLC for LILO of SG(PG) - NT AA-III	2						2	340					
5	220 kV Bay at NT-AA-III for NT-AA-IIC	1											1	190
6	220 kV GIS Bay at NT-AA-IIC for NT-AA-III	1											1	480
132 kV Substation Bays														
1	132 kV Bay at Balurghat for Gazole	1	123.32	1										
2	132 kV GIS bay at Bongaon for LILO of KTPS-Uluberia	2	450	2										
3	132 kV AIS bay at Indus for Raina	2	169	2										
4	132 kV AIS bay at Raina for Indus	2	450	2										
5	132 kV AIS bay at Kashary for Pingla	2	175.5	2										
6	132 kV AIS bay at Pingla for Kashary	2	175.02	2										
7	132 kV AIS bay at Moineguri for Mathabhanga	2	171.51	2										
8	132 kV AIS bay at Basihat for NT AA-III	2	162.16	2										
9	132 kV GIS bay at Debra for LILO of Midhapur-Balichak	2	450	2										
10	132 kV AIS bay at Kalyani for LILO of Dharampur-BTFS	2	183.89	2										

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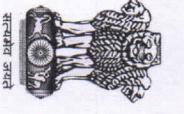
Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



DETAILS OF BAYS		Total No	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars		Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh
11	132 KV AIS bay at Contai for LILO of Bazkul-Egra	2	274.12	1	137.66									
12	132 KV GIS bay at Sallake GIS	1												
13	132 KV GIS bay at Kuli for LILO of Gokarna-Rampurhat	2		2	538.35									
14	132 KV AIS bay at Tarakeswar for Jangipara	2		2	386.60									
15	132 KV AIS bay at Jangipara for Tarakeswar	2		2										
16	132 KV bay at Sadaipur for Pancharni	2		2	407.09									
17	132 KV bay at Bolpur for Labhur	2		2	191.48									
18	132 KV bay at Sirakole for Barupur	2		2	193.3									
19	132 KV bay at Raghunathgaj for Ialigola	2		2	200									
20	132 KV bay at Moiraguri for Chaisa	2		2	198.51									
21	132 KV bay at Kharapur WBIDC for Vidyasagar Park	2		2	193.11									
22	132 KV bay at Alipurduar for Kamakhyaguri	1		1	94.73									
23	132 KV GIS bay at Barupur for Birlapur	2				2	389.11							
24	132 KV bay at Birpara for Hasimara	2				2	224.2							
25	132 KV bay at Lxp for Gardwani	2				2	200							
26	132 KV bay at Lxp for Ramganga	2				2	212.83							
27	132 KV bay at Kakkdwp for Ramganga	2				2	212.83							
28	132 KV bay at Sirakole for LILO of Falta-Joka	2				2	180.05							
29	132 KV bay at Hura for Manbazar	2				2	214.98							

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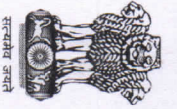
Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



DETAILS OF BAYS		Total No	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars		Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh
30	132 KV bay at Behrampur for Domkal	2				2	210							
31	132 KV GIS bay at NT AA-IIIC for Ganganagar	2				2	210							
32	132 KV bay at Kamakhyaaguri for Birpara	1				1	100							
33	132 KV GIS bay at Domkal for Behrampur	2				2	450							
34	132 KV bay at Gangarampur for S/C LILO of Gazol-Balurghat	2				2	200							
35	132 KV GIS bay at Sonakhali for Gordwani	2						2	500					
36	132 KV GIS bay at Gordwani for Sonakhali	2						2	500					
37	132 KV GIS bay at Samsi for Manikchak / Parampur	2						2	200					
38	132 KV bay at NT AA-I for Kasba	2						2	200					
39	132 KV GIS bay at Sadaipur for Ukhra	2						2	200					
40	132 KV GIS bay at Ganganagar for Barasat	2						2	500					
41	132 KV bay at Ukhra for Sadaipur	2						2	200					
42	132 KV bay at Bazkul for Malda Bazar	2						2	500					
43	132 KV GIS bay at Gazol for Habibpur	2						2	500					
44	132 KV bay at Birpara for Banarhat	1								1	105			
45	132 KV GIS bay at Lavpur for Kotasur	2								2	520			
46	132 KV bay at Khatra for Goolore	2								2	210			
47	132 KV bay at C.K Road for Goolore	2								2	210			

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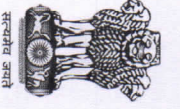
Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



DETAILS OF BAYS		Total No	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars		Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh	Asset addition No	Amount Rs lakh
48	132 KV bay at Allipurduar for Kumargram	2											2	220
49	132 KV bay at Kalna for LILCO of Satgachia-Dhatrigram	2											2	220
50	132 KV bay at Purulia for Jhalda	2											2	220
51	132 KV GIS bay at Jhalda for Purulia	2											2	540
52	132 KV bay at KLC for Minakhan	2											2	540
53	132 KV bay at Melili for Kalimgpong	2											2	540
54	132 KV GIS bay at Gazol for Harirampur	2											2	540
55	132 KV GIS bay at Mohinagar for Kumarguni	2											2	540
56	132 KV GIS bay at Minakhan for KLC	2											2	540
57	132 KV GIS bay at Chalsa for N. kalimgpong	2											2	540
58	132 KV GIS bay at N. kalimgpong for Chalsa	2											2	540
59	132 KV GIS bay at Behala for Birlapur	2											2	540
60	132 KV GIS bay at Behala for Behala	2											2	540
61	132 kv bay at Khatra for Manbazar	2											2	540
62	132 KV GIS bay at Manbazar for Khatra	2											2	540
63	132 KV bay at Birsingha for Dashedpur	2											2	220
64	132 KV GIS bay at Debra for Dashedpur	2											2	540
66 kv Substation Bays														
1	66 KV bay at Odlabari	2					2	100						
Total			21	2785	22	3705	29	3504	20	3640	7	1045	36	8570

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



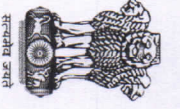
Transmission Lines

Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
400 kV Transmission Lines														
1	400 kV D/C SGTTPP-Gokarna (Quad Moose)	88.5	88.5	15864.16										
2	400 kV S/C LLO of Arambag-Durgapur at New Chanditala	94	94	7597.55										
3	400 kV D/C New Chanditala-Gokarna	360			360	30342.06								
4	400 kV D/C LLO of HEL - SG(PG) at N. Lakshmitantapur	40							40	5600				
5	D/C LLO of Gokarna - N. Chanditala at N. katwa	20									20	3000		
220 kV Transmission Lines														
1	200 kV S/C LLO of Arambag-Rishra at New Chanditala	31	31	2594.25										
2	220 kV D/C LLO of Gokarna - Krishnanagar at Rejinagar	9	9	895.27										
3	220 kV D/C LLO of Malda(PG) - Dalkhol(PG) at Gazol	6.4	6.4	819.82										
4	220 kV D/C Rajarhat (PG) - New Town IIC	31.6			31.6	4998.25								
5	220 kV D/C Subhasgram (PG) - baharampur	59.4			59.4	5474.07								
6	220 kV S/C LLO of Durgapur-Asansole at Mongolpur on M/C	9			9	613.89								
7	220 kV D/C LLO of Howrah-KTTP at Jangalpur	4			4	1180.55								
8	220 kV D/C Rajarhat-Barasat (conversion of existing 132kV)	16			16	1321.25								
9	220 kV line from Dharampur - Rishra line to Jeerat-Saigachia line	20			20	1700								
10	220 kV S/C LLO of STPS - N. Bishnupur at Hura	44			44	3916								

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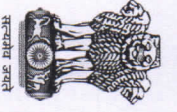


Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
11	220 KV S/C LILO of N. Chanditala - Arambag at Behnuri	34.4					34.4	3679						
12	220 KV S/C LILO of STPS - J.K. Nagar at Asansol	60					60	5340						
13	220 KV D/C LILO of KTPP - Jangalpurat F. Park	1.3					1.3	710.41						
14	220 KV D/C Jeerat - Satgachia line extension to Krishnanagar	100					100	8900						
15	220 KV D/C LILO of Alipurduar (PG) - Bipara (PG) at Falakata	30							30	2790				
16	220 KV S/C LILO of SG(PG) - NT AA-III at KLC	10							10	930				
17	220 KV D/C LILO of BKTPS - Satgachia at Mahachanda	18							18	1674				
18	220 KV D/C LILO of Arambag-Domjur at Mayapur/kankhal	18									18	1764		
19	220 KV D/C LILO of Sadapur-Gokarna at Kotasur	6									6	588		
20	220 KV D/C LILO of Arambag-Midnapur at C.K Road	100									100	9800		
21	220 KV D/C LILO of Satgachia-Krishnanagar at N. Katwa	152									152	14896		
22	220 KV D/C Hiranmoyee - N. Bazkul	80									80	7840		
23	220 KV D/C N. Chanditala - N. Hindmotor (OH + UG)	50											50	5150
24	220 KV D/C STPS- raghnathpur	50											50	5150
25	220 KV S/C N.Town AA-III - N. Town AA-IIIC (UG cable)	15											15	9300
132 kV Transmission Lines														
1	132 KV D/C LILO of Amtala-Beharampur at Rejinagar	44.6	44.6	3302.54										
2	132 KV D/C LILO of Amtala - Deboogram at Rejinagar	16.4	16.4	851.59										
3	132 KV D/C LILO of Gokarna-Katwa at Salar	4.2	4.2	634.93										
4	132 KV D/C Kasba-Sallake stadium (UG cable)	12	12	4864.53										

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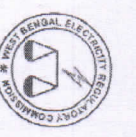
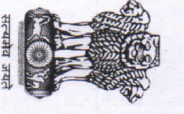
Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
5	132 kV/S/C Saltlake - Saltlake Stadium (UG cable)	4	4	1297.98										
6	132 KV D/C Basirhat - New Town AA-III -Barasat	70	70	3701.8										
7	132 KV D/C Bagmundi-Jhalda	98	98	4551.96										
8	132 KV D/C Keshiary-Pingla	80	80	3345.44										
9	132 KV D/C TL no T-21 of Midnapur-Kharagpur WBIDC line to Debra	52	52	3367.72										
10	132 KV one ckt LLO of Coacheahar-mathabhanga D/C line at Dinhatra	94	94	3650.31										
11	132 KV D/C Moinguri Mathabhanga (balance portion)	16.4	16.4	3906.4										
12	132 KV D/C Kharagpur-Jhaigram	84	84	4020.51										
13	132 KV D/C Durgapur Panagarh	61	61	4024.33										
14	132 KV D/C from Gazol to LLO point of existing line to Samsi	19	19	998.55										
15	132 KV D/C Gazol-Malda using Maldah-Raiganj D/C line	1.3	1.3	97.44										
16	132 KV D/C Gazol-Raiganj using Maldah-Raiganj D/C line	1.3	1.3	86.79										
17	132 KV D/C from Gazol to nearest point of 132 KV line of balurghat s/stn and conversion of S/C to D/C	103.8	103.8	1747.38										
18	132 KV D/C Indus-Raina	60	60	2365.11										
19	132 KV D/C LLO of Satgachia-Mahachanda at Burdwan	5	5	1030.73										
20	132 KV S/C LLO of Midnapur-Balichak TSS at Debra	10	10	360.53										
21	132 KV S/C LLO of BTPS-Dharampur-III at Kalyani	2	2	250.02										
22	132 KV S/C LLO of Baikul-Egra at Contai	3	3	259.54										

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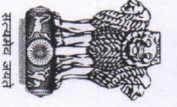


Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
23	132 KV D/C stringing of Alipurduar-Coochbehar from Pundibari to Alipurduar S/stn	9	9	138.29										
24	132 KV D/C LILO of Lilua-Dankuni-Rishra at Kona	2			2	478.81								
25	132 KV S/C Saltlake GIS - Saltlake Stadium (UG cable)	4			4	1862.59								
26	132 KV D/C LILO of Sonarpur-Behala at Renia	3			3	1995.15								
27	132 Kv D/C LILO of Domjur-Uluberia at Foundry Park	4.6			4.6	517.39								
28	132 Kv D/C LILO of Gokarna-Rampurhat at Kuli	9			9	422.72								
29	132 KV D/C Moynaguri - Chalsa	7.8			7.8	575.53								
30	132 KV D/C Tarakeswar - Jangipara	40			40	1494.49								
31	132 KV D/C LILO of Gazol - Raiganj at Harschandrapur	142			142	4308.31								
32	132 KV S/C LILO of Raiganj - gangarampur at Kusmandi	2			2	84.61								
33	132 KV D/C Baruipur - Shirakole (HTLS)	40			40	2054.87								
34	132 KV D/C Subhasgram - Minakhan	67			67	3316.17								
35	132 KV D/C Sadaipur- Pachami	77			77	2754.03								
36	132 KV D/C Kuli - Pachami	50			50	1696.55								
37	132 KV D/C Bolpur-Labhpur	40			40	1423.66								
38	132 KV D/C LILO of Krishnanagar - Bangeon at Bagula	44			44	1610.09								
39	132 KV diversion of Alipurduar-kamakyaguri line				0	88.71								
40	132 KV D/C Raghunathganj - laigola (UG + OH)	6			6	1800.00								
41	132 KV D/C Vidyasagar park - Kharagpur WBIDC	22			22	864.15								

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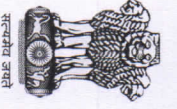
Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
42	132 KV D/C Birpara - Hsimara	44					44	2111.4						
43	132 KV D/C Barupur - Birlapur	70					70	3060.92						
44	132 KV D/C Lakshmitantapur - Garwani	76					76	4560						
45	132 KV D/C LILO of Bazkul - Contal at Ramnagar	120					120	6504.91						
46	132 KV D/C Hura - manbazar	76					76	2515.5						
47	132 KV D/C Laxmikantapur - Ramganga	71.2					71.2	3789.34						
48	132 KV D/C Ramganga - Kakdwip	48					48	2534.49						
49	132 KV D/C New Town IIC - Chandberia (UG cable)	30					30	13969.5						
50	132 KV D/C NT AA IIC - Ganganagar (UG cable)	20					20	9313						
51	132 KV S/C LILO of Behala - Falta (one ckt) at Sirakole	20					20	1313.15						
52	132 KV D/C LILO of Jeerat - Mohispota at Nilguri	11					11	3284.16						
53	132 KV D/C LILO of Dharampur - Titagah (HTLS) at Nilguri	10					10	3413.14						
54	132 KV S/C line on D/C Tower from Pundbari point of Birpara - Coachbehar line to Kamakhayaguri	60					60	3180						
55	132 KV D/C LILO of Dharampur - Nilgauni (HTLS) at Panpur	2					2	550.91						
56	132 KV D/C Asansol - Bakdanga (UG cable)	15.2					15.2	5533.32						
57	132 KV D/C LILO of Jeerat - Ashoknagar at Gaighata	60					60	3180						
58	132 KV D/C Berhampur - Domkal	64					64	3392						
59	132 KV S/C LILO of Gajoi - Balughat at Gangarampur	10					10	530						

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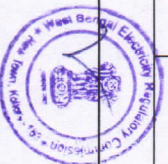


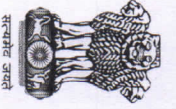
Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
60	132 KV D/C LILO of Lakshmi Kantapur - Kakdwip at N. Lakshmi Kantapur	20							20	1120				
61	132 KV D/C LILO of Lakshmi Kantapur - Falta at N. Lakshmi Kantapur	20							20	1120				
62	132 KV D/C connectivity of Falakata with Mathbanga, Coachbehar and Dinhatla S/Stn	63							63	3528				
63	132 KV S/C LILO of Brp - kamakhyaguri at Falakata	4							4	224				
64	132 KV D/C LILO of Krishanagar - Debogram at Chapra	20							20	1120				
65	132 KV D/C Sonakhali - Gordwani	56							56	3136				
66	132 KV D/C Malda (PG) - Manikchak / Paranpur	40							40	2240				
67	132 KV D/C LILO of Rishra-HM-Dankuni, Jilua at N. HM	4							4	224				
68	132 KV D/C Samst - Manikchak / Paranpur	60							60	3360				
69	132 KV S/C LILO of Ram-II - NBU at N. Kalimpong	80							80	4928				
70	132 KV D/C Sadalpur - Ukhra	56							56	3136				
71	132 KV D/C Baikul - Malda Bazar	50							50	2800				
72	132 kv D/C Gazol - Habibpur	100							100	5600				
73	132 KV extension of kasba-Saitlake line to NT AA-I/(UG+OH)	18							18	2428				
74	132 KV D/C Barasat - Gangaganagar (UG cable)	22							22	7480				
75	132 KV D/C LILO of Foundry Park - Dornir at Jagatbalavpur	38							38	2493				
76	132 KV D/C LILO of Baikul - Ramnagar at N. Baikul	8									8	472		
77	132 KV D/C LILO of Jhaldabagmundi at N. PPSP	2									2	118		

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



Sl No	Particulars	Total line length CKM	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
			Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
78	132 KV D/C LILO of BTTPS - Bighati at Taldanga	20									20	1180		
79	132 KV S/C Birpara - Banarhat (upgradation from 66 KV)	19									19	1121		
80	132 KV D/C Goalore - Khatra	84									84	4956		
81	132 KV D/C Goalore - CK Road	60									60	3540		
82	132 KV D/C LILO of Sainthia - Rampurhat at Kotasur	15									15	885		
83	132 V D/C Kotasur - Lavpur	50									50	2950		
84	132 KV D/C LILO of Tamlik - Haldia NIZ at Mahishadal	10									10	590		
85	132 KV D/C LILO of Durgpur - Bolpur at Ilambazar	40											40	2480
86	132 KV D/C LILO of Bakura - Rnathpur at Saltora	18											18	1116
87	132 KV D/C Alipurduar - Kumargram	82											82	5084
88	132 KV S/C LILO Satgachia - Dhatrigram at Kalna	4											4	248
89	132 KV D/C Purulia - Jhalda	86											86	5332
90	132 KV D/C KLC - Minakhan	50											50	3100
91	132 KV D/C LILO of Domjur - Chanditala at Jagadishpur	10											10	620
92	132 KV D/C Gazole - hariampur	30											30	1860
93	132 KV D/C N. Kalimpong - Chalisa	70											70	4817
94	132 KV D/C Behala - Birlapur	35											35	2170
95	132 KV D/C Khatra - Manbazar	68											68	4216
96	132 KV D/C Birsingha - Daspur	49											49	3038
97	132 KV D/C Mohitnagar - Kumarganj	45											45	2790

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020



DETAILS OF LINES		Total line length	2019-20		2020-21		2021-22		2022-23		2023-24		2024-25	
Sl No	Particulars	CKM	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh	Asset addition CKM	Amount Rs lakh
98	132 KV D/C Debra - Daspur	60											60	3720
99	132 KV D/C LILO of Dakshola - Islampur at Kalna	15											15	930
66 kV Transmission Lines														
1	66 KV S/C LILO of Chalsa - Kalimpong at Odlabari	10					10	320						
2	66 KV LILO of Kalimping- Meili at N. Kalimpong	2							2	68				
3	66 KV LILO of Chalsa - Kalimpong line at Lolegaon	2							2	68				
Total			1079.9	76625	1060.4	72978	1057.1	95601	753	56067	644	53700	777	61121

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CHAPTER– 4 FIXED CHARGES

- 4.1 The projected amount of fixed charge is net of the capitalization of the part of expenses under different heads chargeable to ongoing capital construction works. Being exclusively engaged in the functions and business of transmission activities and load dispatch activities, WBSETCL is not having any variable cost and as such, the amounts of net fixed charge are also the Aggregate Revenue Requirement (ARR) of it.
- 4.2 The Commission has made prudent analysis of the charges claimed under different heads with reference to reasonableness and the same is discussed item wise below.
- 4.3 **Employee Cost**
- 4.3.1 The projection of employee cost for 2018 – 2019 & 2019-20 are stated to have been made by WBSETCL on the basis of the approved manning pattern for their various operation units and taking into account the business growth, existing vacancies, future retirements and ongoing recruitments. Normal increment and increase in Dearness Allowance (D.A.) are also taken into account. The employee cost as claimed are net of capitalised employee cost as shown in Form 1.17.h.
- 4.3.2 The total amount of employee cost projected by WBSETCL in respect of own employees as well as employees on contract in regular establishment for the years 2018-19 & 2019-20 on the basis of Form 1.17(h) and E(T) vis a vis the manpower position are shown at Table below. WBSETCL has projected increased pay due to pay revision considering increase of 15% in average pay and additional 3% hike in employee cost in 2019-20.

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

Table-4.1

Rs. Lakhs

Particular	2017-18- Actuals	2018-19- Projected	2019-20- Projected
Net Employee cost	15036.20	15822.62	28871.98
Arrear Salries and allowances due to pay revision			8030.44
Total	15036.20	15822.62	36902.42
No of Employees at the beginning of the year	2390	2279	2295
No of Employees at the end of the year	2279	2295	2619
Average number of employees	2335	2287	2457

- 4.3.3 Commission observed that the fact of 15% hike in pay alongwith additional hike of 3% on total employee cost considered in 2019-20 as per submission text of WBSETCL in their petition as also mentioned in para 3.3.2 above does not match with figures furnished in Form 1.17 (h). The hike in claim of WBSETCL for Employee cost as furnished at the table above is far above the fact submitted at submission text of the petition.
- 4.3.4 The Commission has computed the salaries and allowances per employee on the basis of the actuals submitted by WBSETCL for the year 2017-18 based on average number of employees in 2017-18 and considering necessary annual hike of 3% in basic and relevant hike for DA etc. over actual of 2017-18 and factoring the same based on the average no. of employees projected for 2018-19 and 2019-20. Retirement benefits, have been considered applying the same proportion of salaries & allowances vis-a-vis retirement benefits of 2017-18 on admitted salaries and allowances of 2018-19 and 2019. For the purpose of capitalization, the same % of capitalization to total employee cost as observed by WBSETCL in their projection for 2018-19 & 2029-20 has been accepted by the Commission.
- 4.3.5 WBSETCL has claimed arrear pay & allowances of Rs 8030.44 lakhs in 2019-20 details of which have not been submitted in the requisite form 1.17 (i) of 2019-20. However, Commission admits the arrear amount of pay and allowances as claimed





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

by WBSETCL based on their sworn affidavit. WBSETCL shall furnish full details of actual amount incurred towards pay revision arrears alongwith supporting documents while furnishing APR 2018-19 & 2019-20.

- 4.3.6 The Commission thus decides to admit the following amounts towards employee cost including terminal benefits and arrear pay & allowances due to pay revision.

Table 4.2

Rs Lakhs

Particular	Rs Lakhs	
	2018-19- Projected	2019-20- Projected
Net Employee cost including terminal benefits admitted	16390.33	18952.54
Arrear Salaries and allowances due to pay revision admitted		8030.44
Total Employee Cost admissible	16390.33	26982.98

The Commission admits Rs 15822.62 lakhs in 2018-19 as claimed by WBSETCL being less than admissible amount and Rs 26982.98 lakhs in 2019-20.

- 4.3.7 It is, however, necessary to mention that the employee costs are uncontrollable and therefore, are subject to adjustments in Annual Performance Review for the year 2018-19 & 2019-20. WBSETCL is directed to intimate the total CKM of transmission lines vis-à-vis number of employees in their APR application in order to ascertain the allowable man power for determination of employee cost as per schedule 9A of the Tariff Regulations. Employee cost should be segregated in respect of own employees and employees on contract basis under regular establishment, if any.

4.4 Operation and Maintenance (O&M) Expenses

The Commission has made prudent analysis of the charges claimed by WBSETCL under the different sub-heads of O&M expenses which is discussed in the following paras.

- 4.4.1 While estimating O&M expenses WBSETCL has considered the claim for 2018-19 based on actuals and that for 2019-20 has been estimated considering an annual





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

escalation rate of 8.58% based on business growth projections and considering CAGR of expenses of last five years ending 2018-19 alongwith a hike of 10% on such CAGR. It is also noted that WBSETCL took over the Transmission function of DPL (863.02 MVA, 47.8 CKM) w.e.f 1.1.2019. The Commission decides to proceed by following a methodology considering the sensitivity parameter of Business Volume growth as was determined in the previous tariff order 2017-18 and factoring it with the average inflation rate for 2018-19 giving 60:40 weightage to WPI: CPI as detailed below:

Table 4.3

TREND OF INFLATION RATE	2018-19	2019-20
Average inflation rate as per WPI f	4.26%	1.67%
Average inflation rate as per CPI	5.40%	7.54%
Average inflation rate as per WPI + CPI (60:40)	4.72%	4.02%

- 4.4.2 Further as the O&M expenditure is controllable in nature, the Commission finds it prudent to apply the inflation rates on the admitted (O&M) expenditure in the Tariff Order of 2017 – 18 for each sub-head with due weightage to sensitivity parameter of business volume growth. The line length expressed in CKM has been considered as the sensitivity parameter in line with the Tariff Order 2017-18. Admissible amount thus derived considering Business volume growth and hybrid inflation rate has been admitted limited to claim submitted by WBSETCL wherever applicable. O&M expenses so derived shall be adjusted during the APR based on actual line length following the same principle.
- 4.4.3 The business volume parameters as considered by the Commission in Tariff Order 2017-18 and now in 6th Control period after considering additions proposed by WBSETCL are as follows.

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**Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020****Table-4.4**

Particulars	2017-18-Tariff Order	2018-19-Considering additions as per petition	2018-19-Considering additions as per petition
Average Transmission Line length during the year in CKM	13338.70	13829.61	14600.67

4.4.4 The expenditures as admissible for the 6th control period of 2018-19 & 2019-20 have been worked out considering item wise admitted cost/CKM in Tariff Order 2017-18 and thereafter applying hybrid inflation rate of respective ensuing years of 2018-19 & 2019-20 followed by factoring such inflation adjusted cost with Average Transmission Line length in CKM (referred at table above) for respective ensuing years of 6th control period. The final admitted amount is restricted to claim submitted by WBSETCL for respective years. The details of such working is placed at Annexure- 4. The item wise summary claim and admission is furnished below.

Table 4.5

Sl No	Head of O&M Expenses	Claim of WBSETCL- 2018-19	Claim of WBSETCL- 2019-20	Admitted in 2018-19	Admitted in 2019-20
		Rs lakhs	Rs Lakhs	Rs lakhs	Rs lakhs
A.	Repairs & Maintenance	6618.32	7164.79	5895.56	6473.94
B.	Administrative & General Expenses				
1	Rent	138.04	149.89	138.04	149.89
2	Legal Charges	27.11	29.43	27.11	29.43
3	Auditors Fees	61.00	66.24	58.08	64.24
4	Other A&G Expenses	1573.37	1708.42	1573.37	1708.42
	A&G Expenses (1+2+3+4)	1799.52	1953.98	1796.60	1951.98
C	Total O&M Expenses (A+B)	8417.84	9118.77	7692.16	8425.92

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.4.5 The admitted amounts for 2018-19 & 2019-20 are based on amount admitted in Tariff Order 2017-18 alongwith projected business volume parameters. During truing up exercise in APR of the concerned ensuing years in 6th Control period the estimated expenditures of all the elements of different heads as mentioned in paragraph 4.4.4 above for 2018-19 and 2019-20 are to be considered as have been incurred considering actual business volume parameter of Transmission Line Length (TLL) in CKM for 2018-19 & 2019-20. In case while finalizing APR for 2018-19 & 2019-20 the actual value of TLL is found to be higher/Lower than the admitted value in Tariff Order 2018-19 & 2019-20 then impact of such amount will be adjusted to the projected value of TLL for the period 2018-19 & 2019-20.

4.5 Rates & Taxes:

This head of expenditure has also been treated at par with O&M Expenses following same methodology for determination of admissible amount taking admitted amount/CKM in Tariff Order 2017-18 and thereafter applying hybrid inflation rate of respective ensuing years of 2018-19 & 2019-20 followed by factoring such inflation adjusted cost with Average Transmission Line length in CKM for respective ensuing years of 6th control period. The final admitted amount is restricted to claim submitted by WBSETCL for respective years. The details of such working is placed at Annexure- 4. Admitted amount for Rates and Taxes comes at par with amount claimed by WBSETCL for Rs 133.14 lakhs and Rs 144.57 lakhs in 2018-19 and 2019-20 respectively.

4.6 License & Filing Fees:

License & Filing fees are payable to WBERC as per applicable WBERC Regulations. Such expenses are admitted as claimed by WBSETCL for Rs 269.54 lakhs and Rs 308.68 lakhs in 2018-19 and 2019-20 respectively.

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.7 **Outsourcing Expenses (Manpower & Vehicle)- Security Expenses & Vehicle Expenses**

4.7.1 WBSETCL has claimed Outsourcing cost under the heads of (i) Security Expenses and (ii) Vehicle Expenses for 2018-19 & 2019-20. Such heads of expenditure have also been treated at par with O&M Expenses following same methodology for determination of admissible amount taking admitted amount/CKM in Tariff Order 2017-18 and thereafter applying hybrid inflation rate in case of vehicle expenses and consumer price index in case of security expenses of respective ensuing years of 2018-19 & 2019-20 followed by factoring such inflation adjusted cost with Average Transmission Line length in CKM for respective ensuing years of 6th control period. The final admitted amount of such outsourcing expenses is restricted to claim submitted by WBSETCL for respective years. The details of such working is placed at Annexure- 4. The item wise summary claim and admission for Outsourcing expenditure is furnished below.

Table 4.6

Rs lakhs

Sl No	Outsourcing Expenditure Head	Claim of WBSETCL- 2018-19	Claim of WBSETCL- 2019-20	Admitted in 2018-19	Admitted in 2019-20
1	Security Expenses	1914.60	2078.94	1914.60	2078.94
2	Vehicle Expenses	875.32	950.45	875.32	950.45
3	Total Outsourcing Expenses (1+2)	2789.92	3029.39	2789.92	3029.39

4.7.2 The matter discussed at para 4.4.5 will also hold good for Outsourcing Expenses while truing up of 2018-19 and 2019-20.

4.8 **Depreciation:**

4.8.1 WBSETCL has submitted claim of depreciation in Form B considering asset addition as per Form 1.18 including perspective plan submitted with the petition. However, Commission has updated the position based on approved cost of projects as per records of the Commission. The same has been discussed in details in Chapter 3. Depreciation has been considered at the category wise applicable rates on respective depreciable assets considering additions of assets





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

as per updated perspective plan. The admissible assets as considered for depreciation are worked out below:

Table- 4.7

Rs Lakhs			
SI No	Particulars	2018-19	2019-20
1	Opening Balance of the Original cost of Assets as on 1.4.2018.	816642.06	924212.71
2	Addition of original cost of Assets during the year	107580.51	112954.00
	Less		
3	Assets fully depreciated	60173.87	60173.87
4	Assets to be Retired	9.87	
5	Cost of Land	12325.10	12325.10
6	Depreciable Assets = (1+2-3-4-5)	851713.73	964667.74

4.8.2 The admissible depreciation on category wise average depreciable Assets as per applicable depreciation rates has been worked out below:

Table 4.8

Rs lakhs						
SI No	Rate of Depreciation	Depreciable Asset for 2017-18	Depreciable Asset for 2018-19	Depreciable Asset for 2019-20	Depreciation Admitted in 2018-19	Depreciation Admitted in 2019-20
(1)	(2)	(3)	(4)	(5)	(6) = $\frac{[(3) + (4)]}{2} \times (2)$	(7) = $\frac{[(4) + (5)]}{2} \times (2)$
I	1.80%	63673.23	78239.35	78239.35	1277.21	1408.31
ii	2.57%	363456.07	355886.56	451873.28	9243.55	10379.71
iii	3.60%	348251.44	390916.81	408354.25	13305.03	14386.88
iv	6.00%	24757.20	24208.02	24421.29	1468.96	1458.88
v	12.85%	978.70	683.43		106.79	43.91
vi	18.00%	3809.40	1779.57	1779.57	503.01	320.32
vii= Total (i to vi)		804926.04	851713.74	964667.74	25904.55	27998.01

4.9 Advance against Depreciation:

4.9.1 The amounts chargeable for depreciation in 2018 – 2019 & 2019-20 under the 6th control period, are higher than the amounts required for repayment of loans. Thus, no amount is admissible as advance against depreciation for 2018 – 2019 & 2019-20. The amount is worked out as below:





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

Table-4.9

Rs lakhs

SI No	Particulars	2018-19	2019-20
1	Total allowable repayment of loan during the year	20952.86	23601.03
2	1/10th of original loan amount net of disallowed loans if any	64005.44	63105.44
3	Maximum permissible amount of loan repayment restricted to 1/10th of original admitted loan	20952.86	23601.03
4	Depreciation as per Form B	25904.55	27998.01
5	Allowable Advance Against Depreciation (3 - 4)	0.00	0.00

4.10 Interest on borrowed capital:

4.10.1 WBSETCL has projected the interest on borrowed capital drawn from various sources at different interest rates as furnished below. The Commission admits the entire amount of Interest claimed on capital account as claimed by WBSETCL in 2018-19 and 2019-20 as detailed in the following two tables for 2018-19 and 2019-20 respectively at par 4.10.2 and 4.10.3.

4.10.2 Interest on Borrowed Capital -2018-19

Table-4.10

Rs lakhs

SI No	Source of Loan	Original Amount	Opening Balance as on 1.4.2018	Repayment in 2018-19	Fresh drawal in 2018-19	Closing Balance as on 31.3.2019	Rate of int in %	Interest-Claimed - 2018-19	Interest-Admissible -2018-19
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) = $\frac{\{(4) + (7)/2\} * (8)}{100}$
1	Bond (9.75%)	18300.00	3660.00	1830.00	0.00	1830.00	9.75	275.21	267.64
2	Bond (10.29%)	25000.00	25000.00			25000.00	10.29	2572.50	2572.50
3	PFC**	36278.00	10680.50	534.03	0.00	10146.47	9.75	1003.86	1015.31
4	REC	326795.13	152245.17	9195.81	21653.30	164702.66	10.07	15475.02	15958.32
5	LIC	16365.00	8002.94	615.61	0.00	7387.33	10.10	778.66	777.21
6	NABARD	71068.00	36424.98	2407.13	804.50	34822.35	9.87	3516.07	3516.06

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

7	Allahabad Bank - Tr to HUDCO	20000.00	7966.97	1274.71	0.00	6692.26	9.45	706.92	692.65
8	ICICI Bank	9000.00	245.07	245.07	0.00	0.00	11.85	7.04	14.52
9	State Govt	117195.00	69664.36	4850.50	0.00	64813.86	8.50	5894.54	5715.32
10	Total (1 to 9)	640001.13	313889.99	20952.86	22457.80	315394.93		30229.82	30529.53
11	Less Interest Capitalised							5383.58	5383.58
12	Net Interest (10-11)							24846.24	25145.95

** Amount of Interest considered for PFC in column (9) and (10) is net of rebate for Rs 25.40 lakhs as submitted by WBSETCL Amount admitted for 2018-19 towards Interest on Borrowed Capital is restricted to claim of **Rs 24846.24 lakhs.**

4.10.3 Interest on Borrowed Capital -2019-20

Table-4.11

Rs lakhs

Sl No	Source of Loan	Original Amount	Opening Balance as on 1.4.2019	Repayment in 2019-20	Fresh drawal in 2019-20	Closing Balance as on 31.3.2020	Rate of int in %	Interest Claimed in 2019-20	Int admissible in 2019-20
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10) = $\frac{\{(4) + (7)\} * (8)}{100}$
1	Bond (9.75%)	18300.00	1830.00	1830.00		0.00	9.75	96.79	89.21
2	Bond (10.29%)	25000.00	25000.00	0		25000.00	10.29	2579.55	2572.50
3	PFC	36278.00	10146.47	676.54		9469.93	9.75	690.26	956.30
4	REC	326795.13	164702.66	10577.43	9855.40	163980.63	10.07	20568.43	16549.20
5	LIC	16365.00	7387.33	1231.22		6156.11	10.10	592.98	683.94
6	NABARD	71068.00	34822.35	3160.62	2170.30	33832.03	10.38	3724.43	3563.16
7	Fresh Proposed (upcoming projects)				45497.40	45497.40	9.25	9723.33	2104.25
8	Allahabad Bank – Tr to HUDCO	20000.00	6692.26	1274.72		5417.54	9.45	588.86	572.19
9	State Govt	117195.00	64813.86	4850.00		59963.36	8.50	5500.37	5303.03
10	Total (1 to 11)	631001.13	315394.93	23601.03	57523.10	349317.00		44065.00	32393.80
11	Less Interest Capitalised							9472.86	6264.65
12	Net interest (11-12)							34592.14	26129.25

Amount admitted for 2019-20 towards Interest on Borrowed Capital comes to **Rs 26129.45 lakhs.**





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4.10.4 Interest on Normative Debt:

WBSETCL has claimed Rs. 6506.85 lakh and Rs 8397.68 lakhs as interest on normative debt respectively for the year 2018-19 & 2019-20 based on their projection of addition to fixed assets during the respective years. No interest on normative debt was allowed to WBSETCL upto MYT 2017-18. The Commission noted that as per information submitted by WBSETCL in Form 1.20 (b) the total actual addition to borrowed capital for capital works during the years 2015-16 to 2017-18 is more than addition to fixed assets. Although such addition to debt is less than addition to fixed assets in 2018-19 the same is again higher in 2019-20. Such position can be best determined on assessment of cumulative debt drawn and asset addition during 2007 – 2008 to 2019-20. Thus, the Commission considers no Normative Debt at present for 2018-19 & 2019-20 in 6th Control period. WBSETCL is directed to furnish the details of cumulative asset addition and debt drawn while furnishing APR for the concerned years of 2018-19 & 2019-20. The Commission will consider the interest on normative loan, if any, during APR for the concerned year on the basis of actual addition of fixed assets during the respective years vis-à-vis the loan drawal by WBSETCL.

4.10.5 Interest on Bonds for creation of pension fund:

To take care of the unfunded liability towards staff terminal benefits on actuarial determination, 8.5% Bonds were issued and the amount pertaining to WBSETCL was considered as Rs 27000.00 lakh in Schedule A to the West Bengal Power Sector reforms Transfer Scheme, 2007, the annual interest charge on those Bonds comes to Rs.1377.00 lakhs and Rs 920.52 lakhs after considering repayments in 2018-19 & 2019-20 respectively as projected by WBSETCL in their Form C submitted in the Tariff Petition for the 6th Control period . The Commission admits such interest cost as claimed for Rs.1377.00 lakhs and Rs 920.52 lakhs respectively in 2018-19 & 2019-20.





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.11 Interest on Working Capital:

- 4.11.1 WBSETCL has projected the claim for interest on working capital for the 6th control period for Rs 921.05 lakhs and Rs 1891.05 lakhs in 2018-19 & 2019-20.
- 4.11.2 In terms of regulations 5.6.5.1 of the Tariff Regulations, as amended working capital requirement of WBSETCL shall be assessed on normative basis @ 18% on the base amount derived from the annual fixed charges reduced by the elements viz., depreciation, return on equity etc. as determined in the ARR. The amount of working capital for the years under the 6th control period, as admissible is worked out below on normative basis as per the above regulation.

Table-4.12

Particulars	Rs Lakhs	
	2018-19	2019-20
Working Capital:		
A. Gross Sales	126543.40	141082.43
B1. Less: Depreciation	25904.55	27998.01
B2. Less: Deferred Revenue Expenditure		
B3. Less: Return on Equity	40099.04	45085.78
B4. Less: Reserve for Unforeseen Exigencies		
B. Total deductions: (sum B1:B4)	66003.59	73083.79
C. Allowable Gross Sales for Working Capital (A-B)	60539.81	67998.64
D. Allowable Working Capital @18% on C	10897.17	12239.76
E. Interest at State Bank Short Term PLR rate or at actual rate of borrowing, whichever is less	8.70%	8.70%
F. Interest on Working Capital- (D*E)	948.05	1064.86

The Commission admits **Rs. 921.05 lakhs in 2018-19** as claimed by WBSETCL being less than admissible amount and **Rs 1064.86 lakhs in 2019-20**.

4.12 Other Finance charges:

- 4.12.1 The other finance charges in Form 1.17 (c), as projected by WBSETCL are as follows:

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

Table-4.13

Particulars	Rs. lakhs	
	2018-19	2019-20
(i) Bank charges	1.55	1.55
(ii) Service fee/Commitment charges	25.64	25.64
Total	27.19	27.19

The Commission admits the projected claim of WBSETCL Rs.27.19 lakhs both in 2018-19 & 2019-20.

4.13 Return on Equity:

4.13.1 WBSETCL has projected admissible equity base of Rs. 247431.17 lakhs and Rs 278970.85 lakhs , at the beginning of the year 2018-19 and 2019-20 respectively under 6th control period. Commission has considered such equity base taking admitted equity base at the end of 2013-14 as per Approved APR-2013-14 and thereafter considering actual additions/deletions as furnished as per annual accounts by WBSETCL upto 2017-18 and addition as projected by WBSETCL as per actuals in 2018-19 and additions @ CAGR based on actuals of 2013-14 to 2017-18 in 2019-20. Net addition to the original cost of fixed asset during the year 2018-19 & 2019-20 under 6th control period has been considered based on perspective plan submitted by WBSETCL as considered in Chapter 3 besides adjusting addition of assets on consumer contribution.

4.13.2 WBSETCL projected ROE for Rs 40796.16 lakhs and Rs 45627.41 lakhs respectively in 2018-19 & 2019-20. The Return on equity has been admitted as follows as per Regulation 5.6.1 read with Form 1.20.a of WBERC Tariff Regulations:

Table-4.14

Sl No	Particulars	Rs Lakhs	
		2018-19	2019-20
1	Actual Equity base at the beginning of the year		
a	Share Capital	110552.00	110552.00
b	Free Reserve	270094.91	312785.52





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

c	Sub-Total (1 a +1 b)	380646.91	423337.52
2	Admissible equity base at the beginning of the year	242973.56	274433.40
3	Addition/ deletion to equity base during the year	42478.96	43750.75
4	Addition to fixed asset during the year		
a	Total asset addition	107580.51	112954.00
b	less retirement	9.87	0.00
c	less deposit work	2704.52	3336.75
d	Sub-Total=(4a-4b-4c)	104866.12	109617.25
5	Normative addition to equity (30% of SI 4d)	31459.84	32885.18
6	Amount to be considered for equity (lower of SI 3 & SI 5)	31459.84	32885.18
7	Admissible equity base at the end of the year (SI 2+SI 6)	274433.40	307318.58
8	Average admissible equity base (SI 2+SI 7)/2	258703.48	290875.99
9	Rate of Return (15.50%)	15.50%	15.50%
10	Admitted Return on Equity (SI 8* SI 9)	40099.04	45085.78

4.13.3 It is to be clarified that the equity bases admitted for allowing returns as shown in the referred Table 4.14 above are computed for the prospective years and therefore they need adjustments subsequently on the basis of the audited accounts. Such adjustments will be carried out at the time of APR for the concerned years.

4.14 Charges Payable for Bakreswar Transmission System

4.14.1 The intra-state transmission system comprising two numbers of 400 KV and three numbers of 220 KV lines terminating at Jeerat, Arambag, Gokarna, Satgachia and Durgapur respectively constructed by the West Bengal Power Development Corporation Limited (WBPDC) along with its Bakreswar Power Station, form an integral part of the transmission system being operated by WBSETCL. The annual fixed charges of the assets comprising interest, depreciation and return on equity was admitted in Tariff Order 2017-18 as under:

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

Table-4.15

Particulars	Rs lakhs	
	2017-18	
(a) Depreciation		1158.16
(b) Interest on borrowed capital		309.37
(c) Return on equity		1439.58
Total		2907.11

4.14.2 Commission also released an amount of Rs.1769.148 Lakh for the year 2017-18. The Commission thus released on the head of charges payable for Bakreswar Transmission System Rs.4676.26 (2907.11+1769.15) Lakh.

4.14.3 WBSETCL has claimed the same sum of **Rs 4676.26 lakhs in 2018-19** as payable to WBPDC. The claim for **2019-20 is Rs 4910.07 lakhs**. Commission admits such amount as payable to WBPDC as per claim of WBSETCL in 2018-19 & 2019-20.

4.14.4 The admitted amount will be trued up during APR 2018-19 & 2019-20 based on admitted APR of WBPDC for the concerned years.

4.15 **Write off of Scrapped Assets:**

WBSETCL has Rs 13.20 lakhs and Rs 14.33 lakhs as written off scrapped assets in 2018-19 and 2019-20 details of which are not submitted. Commission does not admit the same and directs WBSETCL to furnish details of such write off during submission of petition for APR 2018-19 & 2019-20 for necessary truing up.

4.16 **Income Tax:**

4.16.1 The Income Tax projected by WBSETCL for **2018-19** is at actuals for **Rs 13609.88 lakhs** which is admitted by the Commission. The Income Tax projected for 2019-20 is for Rs 16293.48 lakhs based on Minimum Alternate Tax (MAT) provisions of Income Tax Act,1961. Commission admits the Income Tax for **2019-20** applying MAT Rate @ 17.472% on admitted ROE of Rs 45085.78 lakhs and approved a sum of **Rs 7877.39 lakhs**.





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.16.2 WBSETCL is directed to 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 their APR application for the years 2018-2019 & 2019-20. In this respect, the provisions in the regulations 5.13.1 and 5.13.2 may be referred to.

4.17 Incentive

4.17.1 WBSETCL has claimed incentive citing Tariff regulations for Rs 242.71 and Rs 291.92 lakhs respectively in 2018-19 & 2019-20 stating that they have actually achieved availability of 99.91 % in 2018-19 and are aiming to achieve 99.90% in 2019-20. Commission however does not admit the same at present and decides to consider the matter during truing up exercise taken up through APR 2018-19 & 2019-20.

4.18 State Load Despatch Centre (SLDC) Charges:

4.18.1 WBSETCL in their petition has submitted that consequent to the Electricity Act, 2003, it is engaged in the business of transmission and load despatch of electricity. In terms of West Bengal Power Sector Reforms Scheme 2007, notified by the Government of West Bengal, the functions and management of SLDC is the responsibility of WBSETCL.

4.18.2 Item wise expenditure for SLDC as admitted in 2018-19 are discussed as under.

4.18.2.1 Operation & Maintenance Expenses:

Expenditure for 2018-19 is admitted as per audited actuals. Expenditure for 2019-20 is admitted considering CAGR of admitted O&M expenses for 2018-19 & 2019-20.





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.18.2.2 Bank Charges:

Expenditure for 2018-19 has been admitted based on audited actuals of 2018-19 and same expenses has been admitted in 2019-20.

4.18.2.3 Employee Cost:

Expenditure for 2018-19 is admitted as per audited actuals. Expenditure for 2019-20 is admitted considering CAGR of admitted Employee cost for 2018-19 & 2019-20.

4.18.2.4 ULDC Charges:

Expenditure for 2018-19 and 2019-20 is admitted as claimed.

4.18.2.5 The Commission now admits the SLDC charges for the years 2018-19 and 2019-20 as follows:

Table-4.16

Rs. lakhs

Sl. No.	Particulars	2018-19	2019-20
1	Operation and Maintenance	112.81	117.33
2	Bank Charges	0.21	0.21
3	Employee cost	367.79	606.84
4	ULDC Charges	116.88	128.57
	Total Expenditure	597.69	852.95

The admitted amount of Rs. 597.69 lakhs and Rs 852.95 lakhs respectively in 2018-19 & 2019-20 is 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 2018-19 and 2019-20 shall be kept under the disposal of SLDC under WBSLDC-FUND as per the provisions of WBERC (Miscellaneous Provisions) Regulations, 2013 to meet its expenses. WBSETCL shall submit the audited accounts of WBSELDC-FUND to the Commission within 30th November of succeeding year.





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.19 Principal Repayment of Bonds for Creation of Pension Fund:

4.19.1 WBSETCL has stated in their petition that Repayment of Pension Bond @ Rs 5400 lakhs has started w.e.f 2016-17 onwards in five equal instalments. The repayment of Pension Bond is not covered in any other item of ARR. WBSETCL started functioning from 01.04.2010 on the strength of notification issued by the Government of West Bengal (GoWB) vide Notification No.313-PO/O/III/3R-29/2006 dated 19/09/2008.

4.19.2 As per facts recorded at para 5.15 of the Commission's Tariff Order for 2017-18 dt 4.7.2018 in case no TP 65/16-17 in respect of WBSEDCL, in schedule E of the notification as referred above it was categorically stated that for payment of terminal benefits (pension & gratuity), Pension Trust Bond on Rs. 27000 lakhs is to be issued by newly formed WBSETCL (Rs. 27,000 lakh). As per terms of the Govt. of West Bengal Notification No.313-PO/O/III/3R-29/2006 dated 19/09/2008, the Pension Trust Bond is re-payable in 5 equal annual instalments after 10 years of moratorium period and accordingly 1/5th of Rs.27000 Lakh i.e.Rs.5400 lakh is due on 1.4.2017 as first instalment. WBSETCL has not submitted any documents regarding payment of the 1st instalment towards redemption of the bond to this Commission subsequently.

4.19.3 The Commission now allows only 50% of the claim made by WBSETCL and **admits Rs 2700 lakhs each in 2018-19 & 2019-20** in this ARR in line with treatment made for WBSEDCL in Tariff Order 2017-18 and will consider the balance amount based on the actual documents regarding payment of the instalment at the time of APR 2018-19 & 2019-20 based on submitted details.

4.20 Charges payable to Eastern Regional Power Committee (ERPC)

4.20.1 WBSETCL has projected an amount of Rs. 16.00 lakh for the years 2018-19 & 2019 towards charges payable to ERPC. In Tariff Order 2017-18 Rs 16 lakhs was allowed. Thus, the Commission admits the amount of **Rs. 16.00 lakh each for the years of 2018-2019 & 2019-20** as claimed as charges to ERPC.





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.21 Income from Non-tariff sources:

4.21.1 Incomes from other non-tariff sources, including interest from fixed deposits and bank balances, as projected by WBSETCL in Form 1.26 is Rs 5729.86 lakhs and Rs 5553.65 lakhs respectively in 2018-19 & 2019-20. Commission admits a sum of Rs 5729.86 lakhs each in 2018-19 & 2019-20 as under:

Table-4.17

Rs lakhs

Sl. No.	Particulars	2018-19	2019-20
1	Income from investment and bank balance	2560.57	2560.57
2	Interest on balance of reserve for unforeseen exigencies	593.86	593.86
3	Other income	4141.68	4141.68
	Total	7296.11	7296.11
4	Less: Interest on balance of reserve for unforeseen exigencies	593.86	593.86
5	Less Income from investment and bank balance pertaining to SLDC	972.39	972.39
	Total	5729.86	5729.86

The Commission admits the amount projected by WBSETCL as Income from Non-Tariff Sources.

4.22 Income from Short Term Open Access Charges (STOA)

4.22.1 WBSETCL in their MYT petition has projected Rs 7655.38 lakhs and Rs 6255.88 lakhs in 2018-19 & 2019-20 respectively towards income from STOA charges without any supporting information. Commission accordingly decides to admit **Rs 7655.38 lakhs each in 2018-19 & 2019-20** in the 6th Control Period. This will be trued up in APR based on submitted APR petitions with necessary information.

4.23 Interest Credit:

4.23.1 WBSETCL has not claimed any amount for the years 2018-2019 & 2019-20 towards 'interest credit' under 6th control period.





Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

4.23.2 In terms regulation 5.5.3 of the Tariff Regulations, where the actual amount of loan repayment in any year is less than the amount of depreciation admitted by the Commission, an interest credit at the rate of weighted average cost of debt is provided on such excess depreciation charged i.e. outstanding loan on the amount of excess depreciation as detailed below.

Table-4.18

Rs lakhs

Sl. No	Particular	2018-2019	2019-2020
1	Depreciation allowed under paragraph 4.8	25904.55	27998.01
2	Repayment of loan vide paragraph 4.10.2 and 4.10.3	20952.86	23601.03
3	Excess depreciation admitted -SI (1)-SI (2)	4951.69	4396.98
4	Weighted average cost of debt	9.61%	9.75%
5	Interest credit admitted by the Commission on excess depreciation SI (3) * SI (4)	475.74	428.56

4.24 Special Allocations

4.24.1 WBSETCL has projected claims for adjustment of tariff recoverable for the years 2013-14 to 2017 – 2018 under this head during the 6th control period as follows:

Table-4.19

Rs lakhs

Sl. No	Particulars	2018-19	2019-20
2.	Recovery of APR adjustment for 2013 – 2014	1773.17	1773.17
3.	Recovery of APR adjustment for 2014-2015	4504.10	4504.10
4.	Recovery of APR adjustment for 2015-2016	1703.63	1703.63
	Recovery of APR adjustment for 2016-2017	2486.30	0.00
	Recovery of APR adjustment for 2017-2018	2534.74	2534.74
	Total	13001.94	10515.64

4.24.2 The Commission in its order dated 20.07.2020 in case no, APR/42/14-15 on APR for the year 2013-14 has determined the net amount of Rs.775.11 Lakh recoverable by WBSETCL from its system users.

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

- 4.24.3 Regarding the claim of WBSETCL on account of APR for 2014–15 to 2017-18, the decision of the Commission will be given in the APR order for the concerned year(s). At present no amount is released against such claims related to the years 2014 – 15 to 2017-18.
- 4.24.4 Considering the above Commission decides to allow the adjustment of Rs 775.11 lakh admitted as 'net recoverable by WBSETCL' in Commission's order dated 20.07.2020 in case no. APR/42/14-15. The manner of adjustment of Rs.775.11 lakh has been elucidated in Chapter-5 of this order.

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020
ANNEXURE – 4

Particulars	Inflation Basis	Admitted in T.O	Costsensitivity parameter	Admissible per unit cost after inflation		Admissible cost			Claimed		Admitted amount		
				2018-19	2019-20	2018-19	2019-20	2018-19	2019-20	2018-19	2019-20		
						2017-18	2017-18	2018-19	2019-20				
						[A]	(Actual)	[B]	[C]				
							12962	13568.5	14060.72				
							13598.5	14060.72	15140.62				
							13338.70	13280.25	13829.61				
[1]	[2]	[3]	[4] = [3]/A	[5] = [4] * (1+HI or CPI)	[6] = [7] * (1+HI or CPI)	[7] = [5] * [B]	[8] = [6] * [C]	[9]	[10]	[11] = Min ([7] & [9])	[12] = Min ([8] & [10])		
WPI				4.26%	1.67%								
CPI				5.40%	7.54%								
HI = WPI*60% + CPI*40%				4.72%	4.02%								
Repair & Maintenance	HI	5430.2	0.4071	0.4263	0.4434	5895.56	6473.94	6618.32	7164.79	5895.56	6473.94		
Administrative & general Exp													
Rent	HI	171.32	0.0128	0.0134	0.0139	165.32	202.95	138.04	149.89	138.04	149.89		
Legal charges	HI	62.73	0.0047	0.0049	0.0051	67.77	74.46	27.11	29.43	27.11	29.43		
Auditors fees	HI	53.34	0.004	0.0042	0.0044	58.08	64.24	61.00	66.24	58.08	64.24		
Other A&G	HI	1637.93	0.1228	0.1286	0.1338	1778.49	1953.57	1573.37	1708.42	1573.37	1708.42		
Outsourcing Expenses													
security expense	CPI	1891.03	0.1418	0.1495	0.1608	2067.53	2347.79	1914.60	2078.94	1914.60	2078.94		
Vehicle hiring	HI	817.79	0.0613	0.0642	0.0668	887.86	975.32	875.32	950.45	875.32	950.45		
Rates & taxes	HI	127.08	0.0095	0.0099	0.0103	136.91	150.39	133.14	144.57	133.14	144.57		

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CHAPTER - 5

SUMMARISED STATEMENT OF AGGREGATE REVENUE REQUIREMENT AND REVENUE RECOVERABLE THROUGH TARIFF

- 5.1 Based on the analyses and findings recorded in the foregoing chapters, the statements of Aggregate Revenue Requirements are drawn separately for the year 2018 – 2019 and 2019 – 2020. Such summarized statements are given in Annexure 5 to this chapter.
- 5.2 As may be seen in the aforesaid Annexure, the amounts of Aggregate Revenue Requirement of WBSETCL for Transmission functions for the year 2018 – 2019 is Rs.126543.40 lakh and for the year 2019 – 2020 is Rs. 141082.43 lakh.
- 5.3 The Commission is now to adjust the amount recoverable by WBSETCL in respect of different APR orders and review orders, as narrated in the preceding chapter under paragraph 4.24.1 to 4.24.4 to the tune of Rs. 775.11 lakh for the year 2019 – 2020. Accordingly, the amount recoverable by WBSETCL after adjustment of special allocation as mentioned above during the year 2018 – 2019 and 2019 – 2020 is given below:

Table-5.1

Sl No	Particulars	Amount (in Rs Lakh)	
		2018 – 2019	2019 – 2020
1	Amount determined in ARR as per Annexure-5	126543.40	141082.43
2	Amount adjusted in respect of APR 2013-14 as per paragraph 4.24.4	0.00	775.11
3	Amount recoverable through tariff for the year	126543.40	141857.54

- 5.4 The Commission is now to determine the rates for recovery of transmission charges from the different categories of system users for the year 2018 – 2019 and 2019 – 2020 and that is being done in the next chapter.

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

ANNEXURE – 5
AGGREGATE REVENUE REQUIREMENT FOR
THE YEARS UNDER SIXTH CONTROL PERIOD

Sl. No.	PARTICULARS	As projected by WBSETCL		As admitted by the Commission	
		2018 - 2019	2019 - 2020	2018 - 2019	2019 - 2020
1	Employee Cost including terminal benefit	15822.62	36902.42	15822.62	26982.98
2	Operation & Maintenance (O&M) Charges				
	(a) Repairs and Maintenance including consumables	6618.32	7164.79	5895.56	6473.94
	(b) Administrative & General Charges				
	(i) Rent	138.04	149.89	138.04	149.89
	(ii) Legal charges	27.11	29.43	27.11	29.43
	(iii) Audit fees / Expenses	61.00	66.24	58.08	64.24
	(iv) Other Administrative & General Expenses	1573.37	1708.42	1573.37	1708.42
	(v) Security charges	1914.60	2078.94	1914.60	2078.94
	(vi) Vehicle charges	875.32	950.45	875.32	950.45
	Total (2)	11207.76	12148.16	10482.08	11455.31
3	Insurance Premium	0.00	0.00	0.00	0.00
4	Rates & Taxes	133.14	144.57	133.14	144.57
5	Licensee / Filing Fees	269.54	308.68	269.54	308.68
6	Interest and Finance Charges				
	(a) Interest On capital borrowings	24846.23	34592.14	24846.24	26129.25
	(b) Interest On bonds for terminal benefits to employee	1377.00	920.52	1377.00	920.52
	(c) Interest On working capital	921.65	1891.05	921.65	1064.86
	(d) Other Finance charges	27.19	27.19	27.19	27.19
	(e) Interest on Normative Debt	6506.85	8397.68	0.00	0.00
	Total (6)	33678.92	45828.58	27172.08	28141.82
7	Depreciation	26059.26	27740.75	25904.55	27998.01
8	Advance against Depreciation	1839.84	1747.26	0.00	0.00
9	Taxes payable under Income Tax Act	13609.87	16293.48	13609.88	7877.39
10	Returns on equity	40796.16	45627.41	40099.04	45085.78
11	Fixed Charges Payable to WBPDCCL for Bakreswar Tr. System	4676.26	4910.07	4676.26	4910.07
12	Charges payable to ERPC	16.00	16.00	16.00	16.00
13	Repayment of Pension Bond	5400.00	5400.00	2700.00	2700.00
14	ULDC Charges	116.88	128.57	116.88	128.57
15	Permitted Incentive	242.71	291.92	0.00	0.00
16	Scrapped Assets Write Off	13.20	14.33	0.00	0.00
17	Gross Revenue Requirement (1 to 16)	153882.16	197502.20	141002.07	155749.18
18	Less: Deduction for-				
	(a) Income from other non-tariff sources	5729.86	5553.65	5729.86	5729.86
	(b) STOA Charges	7655.38	6255.88	7655.38	7655.38
	(c) Interest Credit	0.00	0.00	475.74	428.56
	(d) Scheduling and SLDC Charges	1984.44	2083.66	0.00	0.00
	(e) SLDC Expenses	0.00	0.00	597.69	852.95
	Total (18)	15369.68	13893.19	14458.67	14666.75
17	Aggregate Revenue Requirement [17-18]	138512.48	183609.01	126543.40	141082.43

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

CHAPTER - 6 TARIFF ORDER

DETERMINATION OF THE RATE FOR RECOVERY OF TRANSMISSION CHARGES FOR THE YEAR 2018 – 2019 and 2019 – 2020

- 6.1 In the previous chapter the Commission has determined the Aggregate Revenue Requirement (ARR) for 2018 – 2019 and 2019 – 20 for transmission system of WBSETCL. The Commission is now to fix the rate for recovery of the same from the transmission system users during the year 2018 – 2019 and 2019 – 2020 in accordance with the provisions of regulation 6.16 of the Tariff Regulations. It is, however, to mention here that WBSETCL has got no variable cost to recover from its system users besides the fixed charges as admitted by the Commission in the Statement of Aggregate Revenue Requirement.
- 6.2 Transmission charges recoverable from the long-term users including distribution licensees or the open access customers are to be 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.
- 6.3 As per the submissions of WBSETCL, West Bengal State Electricity Distribution Company Limited (WBSEDCL), CESC Limited (CESC) and Solitaire Industrial Infrastructure Private Limited (SIPL) are the only three long term users of transmission network of WBSETCL. The allotted long-term capacity for CESC and SIPL are 150 MW and 5 MW respectively. WBSETCL proposed to derive the allotted capacity of WBSEDCL by subtracting the fixed allotted capacity of CESC and SIPL from average yearly system demand.





Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

6.4 WBSETCL in their Tariff petition under Form E(T) has projected the total allocated Transmission capacity as 6265 MW for 2018 – 2019 and 6639 MW for 2019 – 2020 based on the projections made by SLDC. In absence of any specific allotment of long-term capacity for WBSEDCL, the Commission in line with the principle stated in paragraph 6.2 above determines the allocated capacity of WBSEDCL for 2018-19 and 2019-20 as below:

	Particulars	2018-19	2019-20
A	Total allocated Transmission Capacity of WBSETCL	6265	6639
B	Allocated Transmission capacity for CESC	150	150
C	Allocated Transmission capacity for SIPL	5	0
D	Residual Transmission capacity	6110	6489
E	Maximum month-wise average of daily peak demand projected by WBSEDCL	6204	6995
F	Allocated capacity for WBSEDCL (limited to D)	6110	6489

6.5 The Commission considers to arrive at the unit rate of recovery of transmission charges considering the total allocated capacity of 6265 MW (WBSEDCL 6110 MW, CESC 150 MW and SIPL 5 MW) for 2018-19 and 6639 MW (WBSEDCL 6489 MW and CESC 150 MW) for 2019-20. Such recoverable charges are to be expressed in Rs. /MW/month for the long-term customers. The unit rate of recovery of transmission charges during 2018 – 2019 and 2019 – 2020 from the transmission system users, thus, work out as under:

Table-6.2

Transmission Charges for 2018 – 2019		
i)	Recoverable ARR	Rs. 126543.40 lakh
ii)	Average System Demand on the basis of average of the daily peak	6265 MW
iii)	Rate for long-term users	Rs. 126543.40 lakh/ (6265 MW x12)

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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

		= Rs. 168320.56 / MW / month subject to adjustment as per regulation 6.16.5 of the Tariff Regulations.
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Table-6.3

Transmission Charges for 2019 – 2020		
i)	Recoverable ARR	Rs. 141857.54 lakh
ii)	Average System Demand on the basis of average of the daily peak	6639 MW
iii)	Rate for long-term users	Rs. 141857.54 lakh/ (6639 MW x12) = Rs. 178060.88/ MW / month subject to adjustment as per regulation 6.16.5 of the Tariff Regulations.

Provided that the rates for short-term customers are to be determined as per the relevant provisions of West Bengal Electricity Regulatory Commission (Open Access) Regulations, 2007 as amended and to be uploaded at the website of SLDC within 5 days from issuance of this order.

- 6.6 The tariff for 2018 – 2019 and 2019 – 2020 shall be applicable from the billing month of / pertaining to April, 2018 and April, 2019 respectively and shall continue till further tariff order is issued. Adjustments, if any, for over recovery / under recovery for the period from 01.04.2018 to 31.03.2020 from the system users shall be made in twelve (12) equal monthly installments from 01.01.2021 onwards.
- 6.7 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 the APR for the concerned year.
- 6.8 For Bakreswar transmission system of WBPDC, the payable amount during 2018 – 2019 is Rs. 4676.26 lakh and during 2019 – 2020 is Rs. 4910.07 lakh. Any adjustment between the payable amount for the year 2018 – 2019 & 2019 – 2020





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Tariff Order of WBSETCL for the years 2018 – 2019 and 2019 – 2020

and the amount paid by WBSETCL for the respective years on account of Bakreswar transmission system shall be made by WBSETCL to WBPDC in six equal monthly installments from the next month of issue of this order.

- 6.9 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, as amended, continue to levy every month the SLDC charges at the existing rate @ 0.5 paise/kWh from the licensees 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.
- 6.10 WBSETCL is directed to submit the audited annual accounts of SLDC for the year 2018 – 2019 and 2019 – 2020 clubbed with a statement showing item wise and head wise actual expenses along with their application of APR for the concerned year.
- 6.11 WBSETCL shall present to the Commission a gist of this order in accordance with the regulation 2.9.6 of the Tariff Regulations 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.

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CHAPTER - 7 DIRECTIONS

- 7.1 The Commission has given some directions in different paragraphs in Chapter-3, 4 and 5 of this order while determining the fixed cost of WBSETCL. WBSETCL shall comply with those directions. WBSETCL shall also comply with the following directions:
- 7.2 While submitting APR application of any ensuing year WBSETCL shall submit the certificate from the auditor of the annual accounts of the said year for the following :
- a) Based on fixed asset register the parameters to be submitted are:
 - i) Transmission Line length in CKM for each level of Voltage related to the asset of WBSETCL, mentioning the conductor type. Asset which is not owned by the WBSETCL but maintained by WBSETCL shall be shown separately.
 - ii) Similarly, the number of transformers and total installed capacity of transformers in MVA or KVA for each category of transformers for transmission system are to be provided.
 - iii) Similarly, the voltage wise number of bays in each sub-station and the O&M cost of each substation is to be given.
 - b) 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.
 - c) WBSETCL shall submit a statement showing monthly deposition in different terminal funds for the year for which APR is under consideration pursuant to the direction given in paragraph 6.6 below.

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In case of non-submission of the above documents the application of APR will not be admitted.

- 7.3 While submitting application for APR of 2018 – 2019 and onwards, 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, certified by independent auditor.

In case of non-deposition of amount admitted for terminal benefit fund as directed above, Commission will withhold or deduct an amount equivalent to the non-deposition amount.

- 7.4 WBSETCL shall furnish the details of the capital investments made in transmission system during the year along with the APR application for the year 2018 – 2019 and onwards. 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.

- 7.5 While submitting application of APR for the year 2018 – 2019 and onwards, WBSETCL shall have to submit the followings through affidavit.

- a) 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.
- b) The list of cases related to Tariff and Annual Performance Review (APR) filed or applied for filing in Court of Law but the notices have not yet been served to the Commission.

- 7.6 WBSETCL along with its APR application for the year 2018-19 onwards shall submit a reconciliation statement, duly certified by the auditor, for items of





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expenditure wherever the amount claimed in APR petition differs from the Annual Accounts.

- 7.7 All the reports called for in this chapter are in addition to what are statutorily required to be submitted, either by the Act, or by any of the Regulations made thereunder, or by both, for the purpose of submission in the Annual Performance Review of 2018 – 2019 and 2019 – 2020.

Sd/-

(PULAK KUMAR TEWARI)
MEMBER

Sd/-

(DURGADAS GOSWAMI)
MEMBER

Sd/-

(SUTIRTHA BHATTACHARYA)
CHAIRPERSON

Dated: 16.12.2020

(TK Mukherjee)
Secretary



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