WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED

WBSETCL

VOLUME- II

DATA FORMAT

ANNUAL PERFORMANCE REVIEW FINANCIAL YEAR 2021-22

Submitted to the

HON'BLE WEST BENGAL ELECTRICITY REGULATORY COMMISSION

Submissions on APR Claim for FY 2021-22

1.1 The Annual Performance Review (APR) petition of FY 2021-22 has been prepared based on the West Bengal Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2011 and subsequent amendments. The APR petition provides the actual audited data of FY 2021-22 and its comparison with the approved figures of FY 2021-22 as per WBERC Tariff Order dated 25.06.2021 in the desired formats along with justification for deviation, as required. A summary of the APR petition is provided in the annexed sheet, marked Annual Performance Review (APR) Submissions Annexure I.

1.2 The actual financial data for FY 2021-22 proposed in this petition, is supported with the audited accounts statement for FY 2021-22, as required. The audited accounts statements are also annexed along with this petition.

1.3 Further, it is submitted that the actual expenses and income of WBSETCL as provided in this petition, are inclusive of the expenses and income of SLDC. This is in accordance with the WBERC tariff order dated 01.12.2012 in which the Hon'ble Commission had proposed that from 2011-12 onwards, expenses for SLDC should be included in the Capital and Revenue expenditure of WBSETCL and SLDC charges realised there against offset as income of WBSETCL. This also enables truing up of ARR of WBSETCL as a whole inclusive of SLDC and transmission functions.

1.4 The Hon'ble Commission had further directed WBSETCL under paragraph 6.10 of WBERC Tariff Order dated 25.06.2021 for FY 2021-22 to submit audited annual accounts of SLDC clubbed with a statement showing item wise and head wise actual expenses along with their application of APR for the concerned year, which is enclosed as Annexure - II.

1.5 It will be noted from the APR submissions Annexure I that the actual allowable ARR as per actual for 2021-22 works out to be INR 164891.96 lakhs as against the approved amount of INR 152941.48 lakhs.

2.0 The following justifications are provided for the difference in actual and approved expenditure as reflected in the APR Annexure:

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

I. **Employee Costs:** Details of the costs incurred under this head is provided in Form 1.13 and Form 1.17 of Annexure I. The actual expenses are slightly higher than approved expenses and the details of approved vis-a-vis actual is given below:

Table-1: Employee Cost for FY 2021-22 (INR in Lakh)

Sl No.	Particulars	Approved	Actuals
1	Salaries	25626.32	13403.43
2	Terminal Benefits		13288.01
Total		**25626.32**	**26691.44**

The –increase in actual employee cost under the head of Salaries for the FY 2021-22 is broadly due to the following factors:-

Increased number of Recruitment and Salary Revision implication: The employee cost was taken at actuals as per the audited annual accounts during the FY 2021-22. Further, on receipt of clearance from Government of West Bengal in 2018 for recruitment of a total 324 nos manpower in a phased manner, which resulted in the increase of manpower. Also, the increase of base pay due to the salary revision and the impact on it over terminal benefits has resulted in an increase in capital cost. Moreover, the average manpower of WBSETCL in the corresponding year was 2354, and the total CKM of Transmission line is 15750.020, which means the Manpower/ CKM is 0.15, which is well within the prescribed norms of 0.35 as per Schedule 9A of Tariff Regulation. Also, the manpower cost being uncontrollable in nature, the petitioner prays to the commission to admit the same as per the submission.

Further, as directed by the Hon'ble Commission under paragraph 4.3.7 of its Tariff Order for ARR of FY 2021-22 dated 25.06.2021, the details of the segregated employee cost in terms of own employee and employees on contract basis is provided in Form 1.17 (h) of Annexure-II.

II. **Repairs and Maintenance Costs:** The Hon'ble Commission had approved a sum of INR 7626.35 lakhs on this head in the tariff order for FY 2021-22,

(2)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

as against which, the actual expenditure incurred has been INR 9046.13 lakhs in FY 2021-22, which is higher than the approved cost.

It is further submitted that repair and maintenance works are necessary to maintain proper health of the assets, ensure higher life of assets and reduce additional capital expenditure for replacement of assets. It is also important to ensure reliability of power supply by keeping the system availability within the norms specified by the Commission. If the required repair and maintenance is not taken as per the actual requirements in the transmission network, the system availability would reduce which would then affect the reliability of power supply for the distribution companies/ end consumers. It is also important to note that with technological advancement, the transmission licensee now is required to undertake more of preventive maintenance besides the regular reactive repair and maintenance work, which also contributes to the increase in R&M expenses.

Over and above the regular R&M activities, WBSETCL undertakes R&M works for new expansion works for strengthening the capacity of the system and extending the life of the assets to ensure uninterrupted supply of power and to provide maximum availability of its network to the customers.

However, the inflation during the concerned year has been overwhelmingly higher than the projected, during the MYT Order. The change of WPI was considerably higher than the projected inflation rate and hence the Hybrid Inflation index has been increased from 4.02% from the time of Tariff Order and has hovered around 8.74% in the FY 2021-22. The Inflation Index as per the philosophy adopted by the Hon'ble WBERC is as follows:

	Tariff Order for 21-22	Actual for 21-22
WPI in %	1.67%	11%
CPI in %	7.54%	5.35%
Inflation in Hybrid Index (60:40)	4.02%	8.74%

Also, the petitioner would humbly like to present an important issue regarding the computation of R&M cost by Hon'ble WBERC. The Hon'ble commission takes into account only the increase/ decrease of CKM capacities of the petitioners while calculating the R&M expenses. However,

(3)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

with more economic growth, demands and other factors beyond the control of the petitioner, the MVA capacities are also increasing in the recent years, and necessarily not in the same rate of CKM. Hence, the same should also be considered while calculating the R&M expense.

Since, the inflation is beyond the control of the petitioner, the petitioner humbly prays to the Hon'ble WBERC to consider the same while admitting the R&M cost.

Accordingly it is prayed before the Commission for allowing the actual amount of Repairs & Maintenance expenditure of Rs. 9046.13 lakhs incurred in the F.Y. 2021-22.

III. **Administration and General Charges:** The expenditure incurred on this head during FY 2021-22 amounts to INR 2200.72 lakhs, against the approved amount of INR 2166.34 lakhs. The breakup provided in APR Submissions Annexure I is given below for ready reference

Table-3: A&G Expenses (INR in Lakh)

Particulars	Approved	Actuals
Licensee / Filing Fees of WBERC	277.27	286.55
Entry Tax	2117.78	38.37
Consultancy Fees, charges and expenses		48.37
Miscellaneous/Others Total-		1349.26
a. Advertisement, CSR etc.		
b. Other Expenses		
Audit Expense/ Auditor Fees		86.09
Total	**2395.05**	**1808.64**

It is submitted that expenses on account of licence/ tariff filing fees, service tax and entry tax are statutory in nature and are uncontrollable on part of WBSETCL. It is important to note that the Commission had observed the reducing trend of such expenses and accordingly approved the amounts as per projections without considering the growth in business volume. As such, the same has now been proposed to be recovered under APR based on actual.

Expenses under the head 'Miscellaneous/Others' amounting to INR 1500.82 lakhs includes Cleaning Charges (i.e., wages for Part Time Workers),

(4)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Compensation for death/ injuries, Advertisement Expenses (relating to Tender Notification, Publishing of Half Yearly financial Results, Gist of Tariff Orders, Petitions, notification of shutdowns for maintenance works, recruitment of manpower, etc), travelling expenses, telephone expenses, Director's fees, amount pertaining to advertisement as per statutory requirements under Companies Act, 2013 etc.. As per WBERC Tariff Regulations, 2011, tax is an uncontrollable expense and shall be passed on to the customers thereon. This total is subtracted by the capitalized portion of the Other Expenses to achieve the number.

The accounts of the Company are prepared and presented in accordance with the requirements of the Companies Act, 2013 and the forms prescribed there under. As such, the annual accounts do not reveal separately expenditures which are not significantly material. WBSETCL accordingly submits as Annexure V, Chartered Accountant's Certificate giving the breakup of the expenses of INR 1669.99 lakhs incurred under and appearing as "Other Expenses" under Note 23 of the Account Statements, which has been included under respective heads in Forms 1.13 and 1.17 9after adjusting the other expenses capitalized) and shown separately in the reconciliation statement of Form E(T) with Statement of Profit and Loss in Annexure III annexed to these submissions.

IV. **Rent:** The expenditure of INR 148.68 lakhs was incurred under the head Rent during FY 2021-22. The Hon'ble Commission had admitted INR 130.41 lakhs as the Rent expenses in FY 2021-22. The expenditure being uncontrollable in nature, has been claimed in full.

V. **Legal Charges:** An amount of INR 65.47 lakhs have been incurred as Legal Charges for FY 2021-22. The legal expenses largely depend on the number of ongoing litigations during the year and progress of the same during the year, which is not foreseeable in nature and may vary with the projections. A statement detailing the Legal Expenses for the year 2021-22 duly certified by the Statutory Auditor is given as Annexure III.

(5)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

VI. **Cost of Outsourcing:** The cost of outsourcing is on account of vehicle hiring expenses and security services. The details of outsourcing cost of Company for FY 2021-22 against the cost admitted by Hon'ble Commission are provided in the table below:

Table-4: Cost of Outsourcing (INR in Lakh)

Particulars	Approved Expense	Actual Amount
Security Services	2486.35	2547.55
Hiring of Vehicle	1112.57	1438.63
Total	**3598.92**	**3986.18**

Since WBSETCL in the ensuing years have been focussing more on the security of its assets and ensuring the minimal loss or theft at site, Hence, the security personnel have been increased at site and the number is increased from 1306 in FY 2020-21 to 1312 in FY 2021-22. The details of the manpower certified by the independent auditor is provided in Annexure III.

1. The vehicle running expense is also increased from the projection and approved amount. This is due to exorbitant price hike of fuel over last one year and corresponding increase of vehicle expense of WBSETCL. In spite of WBSETCL's endeavour to reduce emission and utilize optimized mobility, the prices have increased from the projected and approved expenses. Since fuel price is the major factor in this price hike and this is uncontrollable to every utility, the same has been claimed in full.

VII. **ULDC Charges:** The Company spent an amount of INR 119.68 lakhs on account of ULDC Charges for FY 2021-22. These charges are uncontrollable as they are payable based on the tariff notified by Hon'ble CERC, which has reduced during the current year from the approved figure.

VIII. **Rates and Taxes:** Rates & Taxes relates to Municipal Taxes paid for different establishments across the State of West Bengal. These being statutory in nature and uncontrollable are claimed in full.

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

(6)

IX. **Interest on Capital Borrowings:** As may be noted from the details provided in Form C, total interest paid on Capital borrowings during FY 2021-22 net of interest capitalized amounted to INR 35270.97 lakhs (Based on Loan Figures) which has been claimed. The increase in the interest on capital borrowings in comparison to the approved figures is mainly due to the increase in actual capital expenditure incurred by WBSETCL against the approved capital expenditure resulting in higher amount of loans drawn as compared to the amount approved by the Commission. Also, the impact of RBI's repo rate correction and corresponding change in the MCLR rates has impacted the increase.

X. **Repayment of Bonds for Terminal Benefits:** As part of the reforms and restructuring exercise, WBSETCL had created a pension bond in 2007 to take care of the unfunded terminal liabilities of pension based on actuarial determination. This pension bond was created as per the transfer scheme notification issued by Government of West Bengal vide memo no. 313-PO/O/III/3R-29/2006 dated 19.09.2008. In schedule E of the notification, it was categorically stated that for payment of the terminal benefits, pension bond of total INR 1800 crores is to be issued by the restructured entities, out of which INR 270 crores is to be issued by WBSETCL. Accordingly, WBSETCL issued the pension bond for INR 270 crores at 8.5% interest rate with interest to be paid annually. The pension bond had a moratorium of 10 years with repayment to be made on five installments.

Now, the repayment for the pension bond has started from FY 2016-17 onwards in five equal installments of INR 5400 Lakhs. The repayment of the pension bond is not covered in any other heads of ARR and is pending recovery from Customers. The repayment of pension bond amounting to INR 5400 lakhs paid in 2020-21 has been claimed as part of Other Expenses under the head of Miscellaneous Expenses – Repayment of Pension Bond which is shown in Form 1.17 as separate head along with the APR claim of FY 2020-21. However, in the Tariff Order dated 25.06.2021, the honourable WBERC has approved 50% of the claimed amount, and vide clause 4.21.3 of the tariff order, mentioned that the honourable commission will consider the balance amount based on actuals during the APR claims. Now, in line, since the cost has already been incurred by WBSETCL before

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

the Tariff order WBSETCL, the same has been considered in full in the APR claim of FY2020-21. Therefore the balance of 8.50% Pension Trust Bonds which were repayable in 2 equal yearly instalments of Rs 5400 lakhs ending in 2020-21, the same was claimed in FY 2020-21. Considering that Hon'ble WBERC will approve the same in the pending APR order of FY 2020-21, the same has not been claimed in FY 2021-22.

XI. **Interest on Working Capital:** Claim for interest on working capital is made in accordance with Regulations 5.6.5.1 and 5.6.5.2 of the Tariff Regulations, 2011 as per details provided in Form 1.17 (b) of Annexure I. It is submitted that the actual interest paid on Working Capital during the year amounted to INR 699.97 lakhs, while the Normative Interest on Working Capital was coming to INR 1360.36 lakhs. Hence the lower of the two, that is the actual interest paid is considered here and the same has been claimed in the APR. Further, WBSETCL submits to the Hon'ble WBERC, that while calculating the Normative IoWC, the interest rate on working capital loans has been considered as 9.32% based on the actual interest rates for working capital loans/ Cash Credit loans taken by WBSETCL during FY 2021-22.

XII. **Interest on Normative Loan:**

1. The Hon'ble Commission, had observed under paragraph 4.10.4 of the Order dated 25.06.2021 that no interest on normative debt was admissible to WBSETCL stating that the Commission will consider the same, if any, during APR of the concerned years based on actual addition of fixed assets during the year. Commission also observed that in FY2021-22, the addition of fixed asset is higher than the borrowed capital. Further, the Hon'ble Commission did not allow any interest on normative capital borrowings stating that the cumulative actual addition to debt was higher than of the actual addition to the fixed assets during the period. The commission also opined that the same can be assessed after assessing the cumulative debt drawn and asset addition during 2007-2008 to 2022-23. Hence the honourable commission has asked WBSETCL to submit the cumulative asset addition and cumulative debt addition for the ensuing years. The same has been submitted below:

(8)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

	Actual Addition to Debt	Actual Addition to Fixed Asset
2007-2008	29249.0	79477.8
2008-2009	23427.0	32637.1
2009-2010	54041.0	70342.7
2010-2011	11443.0	24742.6
2011-2012	38652.0	23698.7
2012-2013	6309.4	45400.1
2013-2014	18113.7	42158.6
2014-2015	38655.0	49709.0
2015-2016	45822.7	61061.1
2016-2017	45547.5	59332.7
2017-2018	45101.7	91873.8
2018-2019	22457.8	103014.6
2019-2020	30707.5	72145.6
2020-2021	101828.8	75020.4
2021-2022	109855.6	71031.2
Total	621211.6	901646.0

2. During FY 2021-22, WBSETCL has made capital additions of INR 66197.78 lakhs, net of Deposits received from consumers, government grants and assets scrapped during the year, as will be evident from Note 1 of the Annual Report for the year. The normative additional debt against this capital expenditure works out to be INR 49721.81 lakhs, whereas the actual addition of debt during the year was INR 34262.00 lakhs.
3. It is therefore submitted that based on the opening normative loan amount of INR 157871.97 as on 01.04.2021 as per Annexure VI, and considering repayment of 1/15th of gross normative debt availed during 2007-08 and 1/10th of that availed from 2010-11 onwards to 2015-17 (since WBSETCL has been availing capital loans with a repayment period of ten years from 2010-11 onwards), WBSETCL would be entitled to an interest of INR 9492.19 lakhs on normative loan as per computations provided in the Form 1.20 (b).

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

XIII. **Scrapped Assets written off:** There was no amount or expenditure for the scrapping of book value of Assets and expenditure incurred by WBSETCL. Hence no amount is claimed under this head.

XIV. **Other Finance Charges:** Details of expenditure on this head has been provided in Form 1.17 (c) of Annexure II.

XV. **Depreciation and Advance against Depreciation:** Depreciation charge for the year amounted to INR 31804.41 lakhs. Total loan repayments on capital account during the year 2021-22, details of which are provided in Form C, amounted to INR 54788.26 lakhs and the total repayments on normative loan capital comes to INR 7432.96 lakhs, resulting in an aggregate loan repayment obligation of INR 62221.22 lakhs. While the 1/10th of the Original Loan amount Net of Disallowed Loans amounts to INR 50576.57, and maximum permissible loan repayment being 1/10th of the Original Loan, the same has been considered in the petition. As such, the balance amount of total loan repayment obligation left uncovered through depreciation has been proposed to be recoverable as Advance against Depreciation as per Regulations, which states as follows:

*"Where, the actual amount of depreciation falls short of actual amount of loan repayment in **any financial year** allowable under these regulations, such shortfall shall be allowed as an advance against depreciation (AAD) for the difference between the actual amount of such repayment and the allowable depreciation for **such financial year."***

The sum of the shortage amounts to INR 18772.17 lakhs for the financial year. Since the actual repayment is more than the claimed depreciation for the year, there is a claim of INR 18772.17 lakhs under Advance Against Depreciation (AAD).

XVI. **Cost of capital to other agencies:** Expenditure on this head comprises of cost of transmission charges paid to West Bengal Power Development Corporation Ltd. as per the Hon'ble Commission's Tariff Order, which amounts to INR 1539.93 lakhs for the year FY 2021-22.

XVII. **Taxes under Income Tax Act:** An amount of INR 16075.17 lakhs has been claimed in the APR Petition as mentioned in the cash flow statement of the

(10)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

audited accounts for FY 2021-22. Further, details of reconciliation of 26 AS statement with the accounts of WBSETCL for FY 2021-22 is provided in Annexure III.

XVIII. **Reserve for Unforeseen Exigencies:**

The Hon'ble Commission, vide paragraph 3.16.1 of the Order dated 1.12.2012, decided not to allow any appropriation to Reserve for Unforeseen Exigencies in the years 2011-12 onwards. Accordingly, WBSETCL had not appropriated any amount towards the said fund during the year 2014-15. Further, in terms of Paragraph 7D of the order dated 10.06.2014 in case no. APR-32/12-13, the Hon'ble Commission had directed to maintain the investment of INR 5362.06 lakh as on 31.03.2013 made against the appropriation (inclusive of interests received re-invested) towards the reserve upto 2010-11 and continue with reinvestment of such amount along with interests received on such investments. However, the transfer to the general reserve as per WBSETCL's annual accounts, of an amount of INR 589.26 lakhs has been added to the reserve for unforeseen exigencies as per C&AG's advise during the audit of WBSETCL, during the year FY 2021-22.

The details of Opening balance of the fund, additions thereto, and closing balance are duly reflected in the Statement of Changes in Equity of the Annual Accounts audited by the Statutory Auditors and C & AG for FY 2021-22. The details of Investments and instruments are also provided separately in Form 1.18 (c) (i). It may please be noted that although the balance in the Reserve includes accrued interest on the fixed deposit of INR 9871.47 lakhs, since such interest will be received only on maturity of the fixed deposits, the same is not reflected in the corresponding fixed deposit amount.

XIX. **Other Items:** A sum of INR 16.00 lakhs on account of ERPC charges has been claimed in the APR.

XX. **Permitted Incentive:** In terms of paragraph 8 of Schedule-10 of the Tariff Regulations, 2011, WBSETCL is eligible to receive an incentive in case the Annual Availability Factor exceeds 99.75 %. During the year 2021-22,

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

WBSETCL achieved an Annual Availability Factor of 99.92% or 0.17% above norms as may be seen from the authentication given by SLDC provided in Annexure IV. Based on the formula prescribed under the aforesaid paragraph 8 of Schedule-10, the amount of incentive entitlement is worked out as under:

Annual Transmission Charge as per APR Submissions Annexure I
= INR 164891.96 lakhs

Permitted incentive = $164874.12 \frac{(99.92 - 99.75)}{99.75}$ = INR 280.99 lakhs

A sum of INR 280.99 lakhs has therefore been included in the ARR as permitted incentive.

WBSETCL would like to bring to the kind notice of the Hon'ble Commission that the formula given in Form 1.23 of Annexure I of the Tariff Regulations, 2011 is not in consonance with that specified in paragraph 8 of Schedule-10. WBSETCL has therefore claimed Incentive as per the provisions of paragraph 8 of Schedule-10, as allowed in past years.

XXI. **Return on Equity:**

Computation of the average equity base during FY 2021-22 is provided in Form 1.20 (a) from which it will be seen that the same was INR 335267.14 lakhs. Return on the average equity base @ 15.50% amounts to INR 51966.41 lakhs, which has been claimed under Form 1.22 of the APR.

XXII. **Gross Revenue Requirement:** The Gross Revenue Requirement (GRR) for FY 2021-22 after consideration of the above expense heads, return on equity and Permitted incentives amounted to INR 201824.40 lakhs.

XXIII. **Income from non-tariff sources:** Receipts on this head, details of which are provided in Form 1.26 of Annexure I, amounted to INR 3230.96 lakhs. Such receipts exclude interest earned on Exigencies Reserve Fund investments since the same is required to be reinvested in the reserve and interest earned on investments pertaining to SLDC which are also required for future investment requirements of SLDC. The claimed amount includes interest earnings on temporary investment of surplus reserves and cash flows.

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

In addition to the above income, a sum of INR 2571.60 lakhs was received by the Company as Scheduling and SLDC charges and INR 31129.87 lakhs as Short term open access charges (STOA), as disclosed in Form 1.26.

XXIV. **Income from Inter-State transmission charges**

Central Electricity Regulatory Commission (CERC) vide its order dated 29th June, 2015 had determined the amount of Inter-state Transmission Charges upto the year 2013-14. No further order/orders have been issued for subsequent periods. However, Hon'ble WBERC has issued APR Order(s) for the FY 2015-16, FY 2016-17 and FY 2017-18 on 28.04.2022 and an amount of Rs 31041.89 lakhs loss is recognised on the basis of said order(s) in the account for the Financial Year 2021-22. In the said APR order(s) hon'ble WBERC has adjusted the amount of Inter State Transmission Charges received from PGC upto 31.03.2018, accordingly an amount of Rs 12253.43 lakhs has been recognised as part of the revenue during the current financial year. Adjustments (if any) relating to Inter State Transmission Charges received upto 31.03.2018 will be made during the year of receipt of relevant order from CERC. Hence, no amount is adjusted as a component of Other Income for the years

XXV. **Total Revenue Realisable through Tariff:** After netting of Income from non-Tariff Sources of an aggregate amount of INR 36932.43 lakhs from the Gross Revenue Requirement for the year, the Total realisable revenue through tariff amounts to INR 164874.12 lakhs as per Form E(T) and as per APR Submissions Annexure I.

XXVI. **Amount recoverable as per APR Petition:** Gross Transmission Charges billed/ billable during FY 2021-22 amounted to INR 134112.19 lakhs as detailed in the APR Submissions Annexure I. Considering the Revenue realisable through tariff as per this APR Petition of INR 164874.12 lakhs the revenue gap for FY 2021-22 amounts to INR 30761.93 lakhs. However, kindly note that WBSETCL has submitted Review Petition against the APR orders for the years FY 2015-16, FY 2016-17, FY 2017-18, FY 2018-19 and FY 2019-20. Hence, as the review petition orders are awaited, no prior Period APR Adjustments are claimed for the time being.

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

The APR Order for FY 2020-21 is yet to be issued by the Hon'ble Commission, effect of which the Hon'ble Commission may consider giving through the ARR for ensuing years. The Net claim of the APR of FY 2020-21 has been claimed in this petition, amounting to INR 3345.25.

XXVII. **Reconciliation between audited accounts figures and balances appearing in Form E(T):** The reconciliation is provided in the sheet numbered Annexure V annexed to these submissions. It may please be noted that all expenses and income considered in the Forms in Annexure I and the submissions hereunder include income and expenditure of the State Load Despatch Centre.

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

ANNEXURE I

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

APR ANNEXURE-I				2021-22 In Rs. Lakhs				
Ref (1)	Particulars (2)			Approved by WBERC (3)	Actual (4)	Controllable/ Uncontrollable	Allowable (5)	Additional fixed cost allowable/ disallowable (5) - (3)
1	Employees' Cost							
	a)	Salaries		25626.32	13403.43	Uncontrollable	13403.43	(12222.89)
	b)	Others (specify)						
		Terminal Benefits		0.00	13288.01	Uncontrollable	13288.01	13288.01
	Total Employees' Cost			**25626.32**	**26691.44**	Uncontrollable	**26691.44**	**1065.12**
2	Operation & Maintenance (O&M) Charges							
	(a)	Repairs & Maintenance incl. Consumables		7626.35	9046.13	Uncontrollable	9046.13	1419.78
	(b)	Rent		130.41	148.68	Uncontrollable	148.68	18.27
	(c)	Legal Charges		36.80	65.47	Uncontrollable	65.47	28.67
	(d)	Auditors Fees/Expenses		80.29	86.09	Uncontrollable	86.09	5.80
	(f)	Cost of Outsourcing						
		i)	Security Charges	2486.35	2547.55	Uncontrollable	2547.55	61.20
		ii)	Vehicle Charges	1112.57	1438.63	Uncontrollable	1438.63	326.06
	(g)	Other Administrative & General Charges						0.00
		i)	Others	2117.78	1349.26	Uncontrollable	1349.26	(768.52)
		ii)	Service Tax and Entry Tax	0.00	38.37	Uncontrollable	38.37	38.37
		iii)	Licence/Filing Fees of WBERC	277.27	286.55	Uncontrollable	286.55	9.28
		iv)	Consultancy Charges	0.00	48.37	Uncontrollable	48.37	48.37
			Sub-Total	**2395.05**	**1722.56**		**1722.56**	(672.49)
		iv)	ULDC Charges	957.74	119.68	Uncontrollable	119.68	(838.06)
	Total O&M Charges			**14825.56**	**15174.78**		**15174.78**	**349.22**
3	Insurance Premium			0.00	0.00	Uncontrollable	0.00	0.00
4	Rates & Taxes			91.46	130.70	Uncontrollable	130.70	39.24
6	Interest and Finance Charges							
	a)	On Capital Borrowings						
			Actuals	28880.05	25778.79	Uncontrollable	25778.79	6390.92
			Normative	0.00	9492.19	Uncontrollable	9492.19	
	b)	On Bonds for Terminal benefits to employees		0.00	0.00	Uncontrollable	0.00	0.00
	c)	Interest on Working Capital		1136.17	699.97	Uncontrollable	699.97	(436.20)
	d)	On Temporary Accomodation		0.00	0.00			0.00
	e)	Other Finance Charges		29.27	38.37	Uncontrollable	38.37	9.10
7	Depreciation			33628.16	31804.41	Uncontrollable	31804.41	(1823.75)
8	Advance against depreciation			0.00	18772.17	Uncontrollable	18772.17	18772.17
9	Cost of capital payable to other agencies'			3489.28	1539.93	Uncontrollable	1539.93	(1949.35)
10	Taxes under Income Tax Act			9359.91	16075.17	Uncontrollable	16075.17	6715.26
12	Reserve for Unforeseen Exigencies			0.00	0.00		0.00	0.00
	Prior Period (Income)/Expenditure			0.00	0.00		0.00	0.00
13	Others if any to be specified							
	a)	Various charges of ERPC		16.00	16.00	Uncontrollable	16.00	0.00
	b)	Scrapped Asset Written Off		0.00	0.00	Uncontrollable	0.00	0.00
	c)	Permitted Incentives		0.00	280.99	Uncontrollable	280.99	280.99
	d)	Rebate to CESC		0.00	0.00	Uncontrollable	0.00	0.00
	e)	Miscellaneous Claims (Repayment of Pension Bond)			0.00		0.00	0.00
14	Return on Equity			53570.91	51966.41	Uncontrollable	51966.41	(1604.50)
15	**Gross Revenue Requirement**			**170653.09**	**198461.31**		**198461.31**	**27808.22**
16	Income from other non-tariff sources			4336.86	3230.96	Uncontrollable	3230.96	(1105.90)
17	Interest Credit			25.59	0.00	Uncontrollable	0.00	(25.59)
18	Scheduling and SLDC Charges			1917.72	2571.60	Uncontrollable	2571.60	653.88
19	STOA Charges			11431.44	31129.87	Uncontrollable	31129.87	19698.43
20	Income tax refund for Assessment Year 2014-15				0.00		0.00	0.00
21	Aggregate Revenue Required (15-16-17)			**152941.48**	**161528.87**		**161528.87**	**8587.39**
22	Special Allocations (APR Adjustment for earlier years)			**0.00**	**3345.25**		3345.25	3345.25
23	**Total Revenue realisable through Tariffs**			**152941.48**	**164874.12**		**164874.12**	**11932.64**

		INR in Lakhs
	Transmission charges recognized as revenue in the annual accounts of FY 2021-22 -- A	134112.19
Add	APR adjustments for Past Periods admitted vide Respective Tariff Orders and accordingly recognised as revenue in the F.Y. 2021-22 ---------- B	0.00
	Rebate allowed to CESC ---------- C	0.00
	Amount recoverable through Tariff Order for the year 2021-22 --- D = (A + B + C)	**134112.19**
	Allowable ARR as per APR petition ---------- E	**164874.12**
	Balance revenue recoverable for 2021-22 as per APR ----------(E - D)	**30761.93**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

ANNEXURE II

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form E(T): Summarised Revenue Requirement (Transmission)				2021-22		
Ref.	Particulars			Rs. Lakhs		
				Projected	Approved by WBERC	Actual (for WBSETCL)
A.						
1	Energy Transmitted (MU)			49108.05		49560.47
2	Allocated Transmission capacity (MW)			6764	6614	6121
3	Actual transmission Loss% [normative]			3.10%		3.10%
B.				Rs. in Lakhs		
1	Employee Cost			**25626.30**	**25626.32**	**26691.44**
	a)	Salaries [Form 1.13 & 1.17]		21100.84	25626.32	13403.43
	b)	Others (specify)				
		Terminal Benefits [Form 1.13 & 1.17]		4525.46		13288.01
2	Other Administrative & General Charges [Form 1.13 & 1.17]					
	a)	Others		**2475.19**	**2395.05**	**1722.56**
		i)	Licensee / Filing Fees of WBERC	277.27	277.27	286.55
		ii)	Entry Tax	48.86	0.00	38.37
		iii)	Consultancy Fees, charges and expenses [Form 1.17]	20.78	0.00	48.37
		iv)	Others	2128.27	2117.78	1349.26
3	Rent, Rates & Taxes [Form 1.17]					
	a)	Rent		130.41	130.41	148.68
	b)	Rates & Taxes		91.46	91.46	130.70
4	Legal Charges [Form 1.17]			61.90	36.80	65.47
5	Auditors Fees [Form 1.17]			85.79	80.29	86.09
6	Cost of Outsourcing [Form 1.17]					
	a)	Security Charges		2486.35	2486.35	2547.55
	b)	Vehicle Charges		1112.57	1112.57	1438.63
7	Repair & Maintenance incl. Consumables [Form 1.13 & 1.17]			7626.35	7626.35	9046.13
8	a)	Interest on Capital Borowings [Form 1.17]		37092.99	28880.05	35270.97
		Interest on Bond for creation of Pension Fund [Form 1.17]		0.00	0.00	0.00
	b)	Foreign Exchange rate Variation		0.00		0.00
	c)	Other Financing Charges [Form 1.13 & 1.17]		29.27	29.27	38.37
	d)	Interest on Transmission Users' Security Deposits				
	e)	Lease rental [Form 1.17]				
9	a)	Depreciation [Form 1.13]		34885.72	33628.16	31804.41
	b)	Advance against depreciation [Form 1.17(e)]		0.00	0.00	18772.17
10	Bad Debt [see regulation 5.10.1]			0.00	0.00	0.00
11	Scrapped Assets Write Off			0.00	0.00	0.00
12	Tax					
	a)	Income tax [Form 1.17]		11882.96	9359.91	16075.17
	b)	Fringe Benefit Tax [Form 1.17]				
13	Others if any to be specified					
	a)	Interest on working capital [Form 1.17(b)]		1137.84	1136.17	699.97
	b)	Consultancy Fees, charges and expenses [Form 1.17]				
	c)	Insurance Premium Payable [Form 1.17(f)]		0.00	0.00	0.00
	d)	SLDC (Handling charges)				
	e)	Other cost (WBPDCL)		3489.28	3489.28	1539.93
	f)	Various charges to ERPC		16.00	16.00	16.00
	g)	Provision for abandoned Project		0.00	0.00	0.00
	h)	ULDC charges		341.11	957.74	119.68
	i)	Rebate to CESC		0.00	0.00	0.00
	j)	Miscellaneous Claims (Repayment of Pension Bond)		0.00	0.00	0.00
14	**Total Expenditure (sum of 1 : 13)**			**128571.49**	**117082.18**	**146213.91**
15	Normative Return /Return on Equity[Form 1.22]			52725.78	53570.91	51966.41
16	Permitted Incentives			265.71	0.00	280.99
17	Permitted Return (15 + 16)			52991.48	53570.91	52247.40

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

18	Special Allocation [Form 1.21]		1703.63	0.00	3345.25
19	Prior Period (Income) / Expenses		0.00	0.00	0.00
20	**Gross Revenue Required (14 + 17 + 18 + 19)**		**183266.60**	**170653.09**	**201806.55**
21	a)	Less: Income other than revenue from transmission of energy [From 1.26]	4336.86	4336.86	3230.96
	b)	Less: Benefits passed on to Transmission Users [Form 1.24]			
	c)	Less: Interest credit on Depreciation and any others	163.13	25.59	0.00
	d)	Less: Others if any to be specified			
		Scheduling and SLDC Charges (Incl. ULDC Charges)	2299.13	1917.72	2571.60
		STOA Charges	11431.44	11431.44	31129.87
		Write back of old unreconciled balances [Form 1.17]			
	e)	Income tax refund for Assessment Year 2014-15			
22	**Revenue Required (20 - 21)**		**165036.05**	**152941.48**	**164874.12**
23	**Transmission charge (Rs. /MW/ Month)**		**203327.89**	**192699.17**	**224465.12**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.13 : Expenditure - Transmission of Energy

Ref.	Particulars	FY 2021-22 INR Lakhs		
		PROJECTED	APPROVED BY WBERC	ACTUAL
	Expenses on Transmission of Energy Excludes Expenses shown under any other head			
(i)	Consumption of stores & spares	2,557.85		2661.03
(ii)	Repairs & Maintenance (excluding stores) *	4,738.94		5659.89
	Buildings	1,524.22		2479.61
	Transmission & Distribution Assets	2,747.92		2715.59
	Others	466.80		464.70
(iii)	Employee Costs*	21,100.84		13403.43
	Salaries & Wages			
	Bonus / Ex-Gratia			
	Contribution to Funds			
	Welfare Expenses			
(iv)	Depreciation			
(v)	Travelling Expenses	155.28		45.33
(vi)	Vehicle Maintenance (Running & Hire Charges for Tr Line Maintenance)*	-		-
(vii)	Telephone Expenses**	102.93		-
(viii)	Other Management & Administrative Expenses **	772.48		693.67
(ix)	Security Charges* (shown in 1.17)			
(x)	Expenses due to Penalty, Fines etc.			
(xi)	Others Specify			
	Service Tax and Entry Tax **	48.86		38.37
	Overall (1.13) Transmission)	**29,477.18**	-	**22,501.72**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.14 : Average System Demand for Transmission System

MW

Season/ Time of the day	Projected	Approved by WBERC	Actual
Summer	7259		6570
Monsoon	7589		6690
Winter	5444		5103
Average	6764	6614	6121

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.17 : Other expenses centrally maintained

	Particulars	FY 2021-22		
		INR Lakhs		
		Projected	Approved by WBERC	Actual
			As per ARR	
(a)	**Rent** *	130.41		148.68
	Rates & Taxes (Other than taxes on income & profits)	91.46		130.70
(b)	**Interest**			
	Interest on Capital Expenditure, Loans & Public Deposits [Form C]	37092.99		35270.97
	Interest on Temporary Accommodation [Form 1.17(a)]			0.00
	Interest on Working Capital [Form 1.17(b)]	1137.84		699.97
	Interest on Security Deposits at rates specified by the Commission calculated on average basis			
	Interest on advance from consumers			
	Other Finance Charges [Form 1.17(c)]	29.27		38.37
	Lease Rental			
	Delayed Payment Surcharge			
	Interest on Bond for Pension Fund	0.00		0.00
(c)	**Bad Debts (see regulation 5.10.1)**			
(d)	**Legal Charges**	61.90		65.47
(e)	**Consultancy Fees, charges and expenses**	20.78		48.37
(f)	**Auditors' Fees**	85.79		86.09
(g)	**Depreciation**	34885.72		31804.41
(h)	**Advance against Depreciation [Form 1.17(e)]**	0.00		18772.17
	Foreign Exchange Rate Variation on Loan repayments [Form 1.17(d)]			0
	Other Expenses			
	Cost of Outsourcing [Form 1.17(K)]			
	(i) Manpower Related	2486.35		2547.55
	(ii) Hiring of Vehicles	1112.57		1438.63
	Insurance Premium Payable [Form 1.17(f)]	0.00		0.00
	Employee costs			
	Salaries & Wages			
	Bonus			
	Contribution to Funds			
	Welfare Expenses			
	Directors' fees & expenses	8.28		4.07
	Others (specify) if any	0		
	Repairs & Maintenance (excluding salaries etc. & stores)	329.56		725.21
	Impact of Service Tax on Repairs & Maintenance			
	Travelling Expenses	52.54		
	Postage			
	Security			
	Scrapped Assets Written Off	0.00		0.00

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Telephone, Telex, etc.	102.93		52.56
Vehicle Running & Maintenance (Running & Hire Charges)			
General Establishment Charges *	933.83		553.64
Terminal Benefits	4525.46		13288.01
Taxes on Income / Profit (Net Cash Outflow)	11882.96		16075.17
Others to be specified (if any)			
License/Filing Fees of WBERC	277.27		286.55
Rebate to CESC	0.00		0.00
Special Allocation Form 1.21			
Cost of Capital to WBPDCL	3489.28		1539.93
Various charges of ERPC	16.00		16.00
Other Debits			
ULDC Charges (Though approved in Para 4.4.3 of the MYT Order, not added in Gross ARR- hence to be covered by note)	957.74		119.68
Write off of old unreconcilable balances			
SLDC Handling Charges			
Overall (1.17)	**99710.93**	**0.00**	**123712.19**

Audit Fees & Expenses	Amount
Statutory Audit Fees and expenses	14.8
Internal Audit Fees and expenses	32.43
Out of Pocket Expenses of Auditors	12.31
Cost Audit Fee	1.18
Tax Audit fee	1.48
Other Audit fees	23.89

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.17(a) : Interest on Temporary Accommodation	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
Opening Balance			
Add Drawal for the year			
Less : Repayment for the year			
Closing Balance			
Interest on Temporary Accommodation			
Total :	**0.00**	**0.00**	**0.00**

Form 1.17(b) : Interest on Working Capital	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
Working Capital:			
A. Gross Sales	165652.68		164874.12
B1. Less: Depreciation	34885.72		31804.41
B2. Less: Deferred Revenue Expenditure			
B3. Less: Return on Equity	52725.78		51966.41
B4. Less: Reserve for Unforeseen Exigencies			
B. Total deductions: (sum B1:B4)	87611.49	0.00	83770.81
C. Allowable Gross Sales for Working Capital	78041.18	0.00	81103.31
D. Allowable Working Capital @18% on C	14047.41		14598.60
E. Interest at State Bank Short Term PLR rate or at actual rate of borrowing, whichever is less (PLR as on 15.06.2021 was 12.25%)	8.10%		9.32%
F. Interest on Working Capital	1137.84	0.00	1360.36
N.B. Actual Interest paid as per FORM C	**1537.55**		**699.97**

Form 1.17(c) : Other Finance Charges	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
Guarantee Commission	2.32		0.00
Front-End Fees			
Bank Charges *	1.59		0.00
Public Deposit and Advance against Electricity Bill			
L/C Opening charges			
Fees and Expenses for Restructuring			
Cost of Hedging			
Others (Specify):			
i) Stamp Duty Registration Fees			
ii) Service Fee/ Commitment Charges	25.37		38.37
iii) Arranger's Fee on Market Bonds			
Overall	**29.27**		**38.37**

Form 1.17(d): Foreign Exchange Rate Variation (FERV) - Yearwise	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
Loan 1			
Loan 2 and so on			
Overall	-	-	**0**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.17(e) : Advance against Depreciation (AAD)	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
1. Total allowable repayment of loan during the year	32592.25		62221.22
2. 1/10th of original loan amount net of disallowed loans if any	81684.96		50576.57
3. Maximum permissible amount of loan repayment restricted to 1/10th of original admitted loan	32592.25		50576.57
4. Depreciation as per Form B	34885.72		31804.41
5. Allowable Advance Against Depreciation (3 - 4)	**0.00**	**0.00**	**18772.17**

Form 1.17(f) : Insurance Premium Payable	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
Insurance Premium			
Overall	**0.00**	**0.00**	**0.00**

Form 1.17(g) : Interest Credit	FY 2021-22		
Particulars	INR Lakhs		
	Projected	Approved by WBERC	Actual
1. Depreciation as per Form B	34885.72		31804.41
2. Repayment as per Form C	32592.25		62221.22
3. Excess Fund created (1-2, if 1>2)	2293.47		0.00
4. Weighted average rate of interest of existing loan	7.11%		8.97%
5. Interest credit	163.13	0.00	0.00
Overall	**163.13**	**0.00**	**0.00**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

FY 2021-22

Form 1.17(h) - Break-up of Employee Cost

Catetory	Sl.No.		Particulars	Own Employees	Employees on Contract in Regular Establishment (Employees of DPL on Deputation)
A	Expenditure in Rupees in Lakh				
	1		Salary and Wage		
		a	Basic Pay	15100.70	691.83
		b	Dearness Allowance	7198.34	86.53
		c	Other Allowances	3528.97	92.89
	2		Statutory Retirement Benefit		
		a	Gratuity	792.60	78.52
		b	Company's contribution to PF	1220.50	91.64
		c	Company's contribution to Pension scheme	11104.75	
	3		Statutory Bonus and Ex-Gratia	191.75	8.54
	4		LTC	67.51	3.89
	5		Leave Encashment	2238.25	15.42
	6		Workmen and staff welfare expenditure	53.81	0.10
	7		Medical Expenses, Uniform & Liveries Expn etc.	402.65	
	Less		Emp Cost Capitalised	-5155.07	
			Total Employee Cost	**37814.12**	**1069.37**
			Other Comprehensive Income	**11122.68**	
			Net Employee Cost	**26691.44**	
B	**Contribution for shortfall in interest of PF fund, if any**				
C	**Production / Performance incentive to employees**				
D	**Number of Personnel**				**2354**

Note : (i) In serial no.7 of Catetory A under head "Others", specific head to be mentioned. Incentive to
(ii) This form is to be filled for each ensuing year separately
(iii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.9.3 of these regulations

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

2021-22

Form 1.17(i) - Details of arrear against wage revision

Catetory	Sl.No.		Particulars	Arrear Annual Expenditure for the year concerned
A	Expenditure in Rupees in Lakh			
	1	Salary and Wage		NIL
		a	Basic Pay	
		b	Dearness Allowance	
		c	Other Allowances	
	2	Statutory Retirement Benefit		
		a	Gratuity	
		b	Company's contribution to PF	
		c	Company's contribution to Pension scheme	
	3	Statutory Bonus and Ex-Gratia		
	4	LTC		
	5	Leave Encashment		
	6	Workmen and staff welfare expenditure		
	7	Others if any		
B	Contribution for shortfall in interest of PF fund, if any			
C	Production / Performance incentive to employees			
D	Number of Personnel			

Note :
(i) In the above submitted format production incentive shall not be included under any head as mentioned above. Specific head to be mentioned. Incentive to employees related to performance/production shall not be included under any head, except C.
(ii) This form is to be filled for each ensuing year separately
(iii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.9.4 of these regulations

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.17 (j) - Statement of Penalty / Fine / Cess etc.	FY 2021-22 (INR Lakhs)			
Name of Statute	Type of Payment	Amount	Reasons	Remedial meansures
Environmental (Prevention) Act, 1986	NIL			
Income Tax Act, 1961				
Electricity Act, 2003				
Others				

Note : (i) This form is to be filled for each ensuing year separately.
(ii) This form shall be filled up separately for each area of electricity business as specified in regulation 5.14.2 of these regulations

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.17(k) - Cost of outsourcing		FY 2021-22 (INR Lakhs)				
Particulars		Projected	Approved by WBERC	Actual		
				Manpower Related	Hiring of Vehicles	Others
a)	**Administration & General Expenses**					
	i) Call Centre					
	ii) Security Services	2486.35		2547.55		
	iii) Office Transportation	1112.57			1438.63	
	iv) Courier Service					
	v) Retail Outlet Services					
	vi) Pre-paid Vending Machine Services					
	vii) Revenue Collection/ Billing Services					
b)	**Repair & Maintenance Expenses**					
	Vehicle Expenses					
	i) Services*					
	ii) Spares					
	iii) Consumables					
	iv) Manpower					
c)	**Operational Services**					
d)	**Management Services**					
e)	**Others**					

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.18 : Original Cost of Fixed Assets				2021-22
Ref.	Particulars	INR Lakhs		
		Projected	Aproved by WBERC	Actual
(1)	Generation Assets			
	Station Wise	0.00		0.00
	Station 1	0.00		0.00
	Station 2	0.00		0.00
	Total	0.00		0.00
(2)	Transmission Assets			
(a)	At the beginning of the year	1077742.96		1076319.89
(b)	Additions during the year	100909.07		71031.16
(c)	Retirements during the year	0.00		0.00
	Total (2) = a+b-c	1178652.04		1147351.05
(3)	Distribution Assets			0.00
(4)	Metering Assets			0.00
(5)	Other Assets			
(6)	Less: Contribution from consumers including advance from them	30506.73		46265.30
(7)	**Total (1+2+3+4+5-6)**	**1148145.31**		**1101085.75**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.18 (a): Original Cost of Works in Progress				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
1	Opening Balance	305286.03		204227.19
2	Additional Capital Expenditure for the year(including IDC)	158593.85		115411.44
	(a) Plan Out lay			
	(b) Outside Plan Out lay	158593.85		115411.44
	(c) Interest & other exp. During Construction			
3	Amount transferred to Fixed Assets	100909.073		71031.16
4	Add: Adjustments for previous years			
5	**Closing Balance**	**362970.80**		**248607.46**

Form 1.18 (b) : Intangible Assets				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
1	Cumulative Opening Balance (Gross)	NIL		NIL
2	Cost incurred during the year			
3	Gross Intangible Asset at the end of the year (1+ 2)			
4	Cumulative Amount written off at the beginning of the year			
5	Amount written off during the year			
6	Cumulative amount written off at the end of the year (4 + 5)			
7	Cumulative Closing Balance (Gross) (3-6)			

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.18 c(i) : Investments				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
1	In Govt. Secuirity			
2	Share in Public Ltd Company NTESC			
3	Fixed Deposit with Bank			
a)	at SLDC end	17501.17		9086.40
b)	Against Reserve for Unforeseen Exigencies **	8043.24		9032.68
c)	Others	13389.68		892.82
	Sub-Total	38934.09		19011.90
4	Others			
	Total	**38934.09**		**19011.90**

Form 1.18 c(ii) : Income from Investments				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
1	In Govt. Security Investments			
2	On Fixed Deposits with Banks:			
a)	On SLDC Deposits	1093.82		976.33
b)	On Reserve for Unforeseen Exigencies Deposits	502.70		589.26
3	Others	836.86		825.37
	Total	2433.38		**2390.96**
	Less : Interest on Reserve Unforeseen Exigencies reinvested	502.70		589.26
	Less: Interest on SLDC Account Fixed Deposits with Banks	1093.82		976.33
	Total(excluding SLDC & int on Res for U/F Exigencies)	**836.86**		**825.37**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.19(a) : Capital Expenditure for the year				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
A	General Capital Expenditure			
1	Generation Capital Expenditure			
	Station wise			
2	Transmission Capital Expenditure			
	Plan			
	Outside Plan	158593.85		115411.44
	Total	**158593.85**	**155237.95**	**115411.44**
3	Distribution Capital Expenditure			
A	**Overall General Capital Expenditure(1+2+3)**	**158593.85**	**155237.95**	**115411.44**
B	Special Projects as per Note 2 of Form 1.18			
	Generation			
	Transmission			
	Distribution			
	Overall Special Projects	0.00	0.00	0.00
	Capital Expenditure (A+B)	**158593.85**	**155237.95**	**115411.44**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.19(b) : Overall Capital Expenditure Programme							INR Lakh	
Ref.	Particulars	Original Project Cost (as latest approved)	Cumulative Expenditure	Cumulative Expenditure	Projected	Approved	Actual	Expenditure to be spilled beyond Control period
			Actuals	As approved by the Commission	FY 2021-22			Projected
A	Capital Expenditrure Plan for the existing on going Projects							
	Stationwise							
	Under Plan Scheme							
(a)	Transmission Capital Expenditure							
	I) JBIC				0.00	0.00		
	ii) RIDF				0.00	0.00		
	Sub-Total (a)				0.00	0.00		
	Under Outside Plan Scheme							
(b)	i) Tran.Normal (O&M)				29000.00	17100.40	19654.69	
	ii) Tran.Normal (O&M Construction)					8384.67		
	iii) Tran. Project (Incl. IT)					64100.10		
	PFC Funded Scheme				125911.45	0.00	84889.93	
	REC Funded Scheme					0.00		
	iv) Communication				2739.00	7900.00	55.08	
	Testing				843.40	855.27	110.47	
	v) I.T.				50.00	833.79	0.00	
	vi) SLDC				50.00		19.49	
	vii) Others				0.00	0.00	10681.78	
	Sub-Total (b)				158593.85	99174.23	115411.44	
	Overall Capital Expenditure Plan for Existing On going Projects				**158593.85**	**99174.23**	**115411.44**	
B	Capital Expenditrure Projects completed in the last previous year(s) or to be completed in the Base year							
	Projectwise							
(a)	Transmission Capital Expenditure							
	Overall Capital Expenditure Projects completed in the last previous year(s) or to be completed in the Base year							
C	Capital Expenditrure Programme for new projects for which investment Plan submitted for approval of the Commission							
	Projectwise							
	Under Plan Scheme							
(a)	Transmission Capital Expenditure							
	(i) Proposed to JBIC				0.00	0.00	0.00	
	Sub-Total (a)				0.00	0.00	0.00	
	Under Outside Plan Scheme							
(b)	(i) Transmission Normal (O&M)							
	(ii)O&M Construction							
	(ii) Transmission Project (incl. of new survey work)							
	iii) Communication & CTD							
	(iv) I.T.							
	(v) Others							
	Sub-Total (b)				0.00	0.00	0.00	
	Overall Capital Expenditure Programme for New Projects for which investment Plan submitted for Approval of the Commission				**0.00**	**0.00**	**0.00**	
	Overall Capital Expenditure (incuding IDC for ensuing years) (A+B+C)				**158593.85**	**99174.23**	**115411.44**	
	Total Capital Expenditure				158593.85	99174.23	115411.44	

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.19(C) : Project Specifications										FY 2021-22		INR Lakh	
Ref	Name of the Project with brief description	As approved in Investment Plan		Latest approved revision		Target set upto last previous year	Target achieved upto last previous year	Cumulative Expenditure upto last previous year	Cumulative Expenditure upto last previous year	Reasons for variation	Estimated Target date of completion	Estimated Project Cost	Actual during the year
		Target date of completion	Original Project Cost	Target date of completion	Original Project Cost			Actuals	As approved by the Commission				
	Projectwise												
(a)	Generation Capital Expenditure												
(b)	Transmission Capital Expenditure											**158593.85**	115411.44
(c)	Distribution Capital Expenditure												
Overall Capital Expenditure												**158593.85**	115411.44

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.20(a) : Equity Base				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
1	Actual Equity Base at the beginning of the year	500957.82	0.00	522185.92
2	Admissible Equity base at the beginning of the year	325029.93	0	325337.47
3	Actual addition/deletion to Equity Base during the year	53868.31	0	74051.16
4	Actual Equity Base at the end of the year (1+3)	554826.13	0	596237.08
5	Net Addition to the Original Cost of Fixed Assets during the year (vide submission in Form 1.18)	100909.07	0.00	66197.78
6	Less Asset Created in terms of Regulation 5.15.1(iv) if any	0.00	0.00	0.00
7	Net Addition to the Original Cost of Fixed Assets during the year other than assets created in terms of Regulation 5.15.1(iv)	100909.07	0.00	66197.78
8	Normative Addition to Equity base (30 % of 7)	30272.72	0.00	19859.33
9	Addition to Equity base considered for the year (Lower of 3 & 8)	30272.72	0.00	19859.33
10	Add : Asset Created in Terms of Regulation 5.15.1(iv)	0.00	0.00	0.00
11	Addition in Equity base during the year for the purpose of computation of Return (9+10)	30272.72	0.00	19859.33
12	Admissible Equity base at the closing of the year (2 + 11)	355302.65	0.00	345196.81
13	Average admissible equity base for Allowing Returns (2+12)/2	340166.29	0.00	335267.14
	For the purpose of this form,Equity Base shall be taken as per Regulation.			

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.20(b) : Normative Debt (Equity Part converted to Debt)					FY 2021-22
			INR Lakhs		
Ref.	Particulars	Derivative	Projected	Aproved by WBERC	Actual
1	Opening Gross Normative Debt	A1	149459.50		157871.97
2	Less : Cumulative Repayment of Normative Debt up to Previous Year	A2	57627.59		56043.20
3	Opening Net Normative Debt	a= A1 - A2	91831.92		101828.77
4	Actual Addition to Debt for the Year	b	98433.37		34262.00
5	Addition to the Fixed Assets during the year	c	100909.07		71031.16
6	Normative Debt	d=70%	70%		70%
7	Normative addition to debt for the year	e=c*d	70636.35		49721.81
8	Addition to debt for the year to be considered to ARR	f= higher of b and e	98433.37		49721.81
9	Additional Gross Normative Debt during the year	G1= f - b	0.00		15459.81
10	Repayment of Normative Debt during the year	G2	12088.20		7432.96
11	Net additional Gross Normative Debt during the year	g=G1 - G2	-12088.20		8026.85
12	Closing balance of Net Normative Debt(i.e.closing Gross Normative Debt(B1) over cumulative repayment of Normative Debt upto the end of the year(B2)	h=a + g	79743.72		109855.62
13	Average balance of net Normative Debt	i= (a + h)/2	85787.82		105842.20
14	Weighted average rate of interest	j in %	8.00%		8.97%
15	Allowable interest on Normative Debt	k=i x j	6863.03	0	9492.19
16	Closing Gross Normative Debt	B1=A1+G1	149459.50		173331.78
17	Cumulative Repayment of Normative Debt upto the end of the year	B2=A2+G2	69715.78		63476.16

For the purpose of this form, Debt shall have to be considered as per Regulation 4.4.2 &
(1) Regulation 4.4.3
(2) Normative Debt will relate to the tenure of actual debt payment

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.21 : Special Allocations				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
	Special Allocations			
(A)	Appropriation to Reserve for Unforeseen Exigencies		0.00	0.00
(B)	Other, if any, to be specified		0.00	0.00
	Recovery of APR adjustment for 2009-2010		0.00	0.00
	Recovery of APR adjustment for 2010-2011		0.00	0.00
	Recovery of APR adjustment for 2011-2012		0.00	0.00
	Recovery of Arrear Tariff for 2012-2013		0.00	0.00
	Recovery of APR adjustment for 2008-2009(Review Order)		0.00	0.00
	Recovery of APR claim for 2013-2014		0.00	0.00
	Recovery of APR claim for 2014-2015		0.00	0.00
	Recovery of APR claim for 2015-2016	1703.627		
	Recovery of APR claim for 2016-2017			
	Recovery of APR claim for 2017-2018			
	Recovery of APR claim for 2018-2019			
	Recovery of APR claim for 2019-2020			
	Recovery of APR claim for 2020-2021			3345.25
	Total	**1703.63**	**0.00**	**3345.25**

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.22 : Return on Equity					FY 2017-18
			INR Lakhs		
Ref.	Particulars	Basis	Projected	Aproved by WBERC	Actual
1	Average Equity Base (a)	Form 1.20 (a)	340166.29	0.00	335267.14
2	Rate of Return (b)	%	15.50%	15.50%	15.50%
3	Return on equity (c)	c=a*b*0.01	52725.78	0.00	51966.41

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.23 : Permitted Incentive					FY 2021-22
			INR Lakhs		
Ref.	Particulars	Basis	Projected	Aproved by WBERC	Actual
(3)	Incentive for Transmission				
(i)	Annual Availability		99.91%		99.92%
(ii)	Target Availability		99.75%	99.75%	99.75%
(iii)	Excess availability over Target, if >0	iii = (i - ii)	0.16%		0.17%
(iv)	Annual Transmission Charges		165652.68		164874.12
(v)	Incentive for additional availability	(v)=(iv x iii)	265.71	0	280.99

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.24 : Benefits passed on to consumers				FY 2021-22
		INR Lakh		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
1	Share of savings arising out of swapping of Foreign Debt and Equity	NOT APPLICABLE		
2	Share of savings arising out of restructuring of capital Cost in terms of Debt Equity Ratio during the tariff period			
3	Sharing of excess profit over clear profit			
4	Sharing of Benefit from selling of Power to those other than licensee or any consumer			
5	Sharing of benefit from Carbon Trading			
6	Sharing of benefit from income arising to a generating company from supplying power to any peerson other than licensee			
7	Any other (Specify)			

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 1.26 : Income other than sale of Energy				FY 2021-22
		INR Lakhs		
Ref.	Particulars	Projected	Aproved by WBERC	Actual
A.	Income derived from			
(i)	Rental of meters and other apparatus hired out			
(ii)	Sale and repair of lamp and other apparatus			
(iii)	Transfer Fees (Service connection fees)			
(iv)	Income from Investments and Bank Balances related to Transmission Business	1930.68		825.37
(iv)(a)	Income from Investments and Bank Balances related to SLDC Business			976.33
(v)	Income from Investments and Bank Balances on Reserve for Unforeseen Exigencies	502.70		589.26
(vi)	Surcharge for Late Payments			
(vii)	Income from jobs at consumer's premises			
(viii)	Transmission/Wheeling charges			0.00
(ix)	Reactive energy charge			
(x)	Surcharge under Section 42			
(xi)	Additional Surcharge under Section 42			
(xii)	Other Business Income to the extent to be passed on consumer			0.00
(xiii)	Income from auxiliary services			
(xiv)	Other General receipts arising from and ancilliary or incidental to the business of electricity	3500.00		2405.59
	Total Income (A (i) to (xix)	**5933.38**		**4796.55**
	Less: Income on Reserve for Unforeseen Exigencies reinvested	502.70		589.26
	Less: Income from Investment and bank balances pertaining to SLDC	1093.82		976.33
	Net Income other than sale of energy and STOA & Scheduling Charges	**4336.86**		**3230.96**
(a)	Scheduling and SLDC Charges	2299.13		2571.60
(b)	Short Term Open Access Charges	11431.44		31129.87

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form-G : Details of Depreciation chargeable to revenue account for the year (Yearwise)

Year: 2021-22

INR Lakhs

Particulars	Opening Balance of Original Cost of Assets	Additions of Original Cost of Assets during the	Assets fully depreciated	Assets to be depreciated during the year	Value of Assets classified into different rates							Other rates, if any	Land-FH	Gross Total	Retirements of Original Cost of Assets during the year	Closing Balance of Original Cost of Assets
					1.80%	2.57%	3.60%	5.00%	12.85%	18.00%	100.00%					
A. Transmission Assets Cost	1076318.89	71031.16	73445.75	1073905.30	59786.32	459415.41	480966.23	27445.35	1346.46	2169.05		12776.47	0.00	1073905.30	0.00	1147351.05
Depreciation for the year					1592.56	11130.52	16839.44	1642.40	316.45	283.04		0	0.00	31804.41	0.00	
Overall (Cost)	1076318.89	71031.16	73445.75	1073905.30	59786.32	459415.41	480966.23	27445.35	1346.46	2169.05		12776.47	0.00	1073905.30	0.00	1147351.05
Overall (Depreciation for the year)					1592.56	11130.52	16839.44	1642.40	316.45	283.04		0.00	0.00	31804.41	0.00	

Note: Depreciation has been calculated as per prescribed rate of WBERC 1.77% 2.42% 3.50% 5.98% 23.50% 13.05%

43

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form -C : Statement of Loans and Calculation of Interest thereon for the Year (Yearwise)

WEST BENGAL STATE ELELCTRICITY TRANSMISSION COMPANY LIMITED
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2021-22
(INR Lakh)

Sl No	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of Interest (% p.a.)	Penal rate of Interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/ Date	Interest paid/ payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	On Capital Accounts															
A)	MARKET LOAN (BOND)															
	12.00% NIL															
	Total A	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
B)	MARKET LOAN (BOND)															
	8.80% NIL (Pursuant to creation of Pension Fund	0.00	0.00	8.80%				0.00	0.00	0.00	0.00	0.00	0.00	0.00		
	Total B	0.00	0.00					0.00	0.00	0.00	0.00	0.00	0.00	0.00		
C)	a 9.75% Secured Redeemable Non Convertible Bond Issue (dt. 14.10.09)	0.00	0.00	9.75%				0.00	0.00	0.00			0.00	0.00		
	b) 10.29% Secured Redeemable Non Convertible Bond Issue dt. 26.07.21	25000.00	25000.00	10.29%				25000.00	0.00	817.56			817.56	0.00		
	Total (C)	25000.00	25000.00													
	Total Bond (A+B+C)	25000.00	25000.00					25000.00	0.00	817.56	0.00	0.00	817.56	0.00		
N.B.								25000.00	0.00	817.56	0.00	0.00	817.56	0.00		

1) PENSION BOND - Yearly Interest and a moratorium of 10 years on Principal Repayment.Repayment to be made on Five annual instalments after that.
2) 9.75% Secured Redeemable Non Convertible Bond - Half yearly Interest 3. Repayment in 10 equal annual instalments starting from 1st Anniversary date of Issue
3) 10.29 % Secured Redeemable Non Convertible Bond - Half yearly Interest 8. Repayment to be made at the end of the term i.e 26/07/2021

Form -C : Statement of Loans and Calculation of Interest thereon for the Year (Yearwise)

WEST BENGAL STATE ELELCTRICITY TRANSMISSION COMPANY LIMITED
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2021-22
(INR Lakh)

Sl No	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of Interest (% p.a.)	Penal rate of Interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/ Date	Interest paid/ payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
D)	PFC Ltd. (*)	10680.50	8010.38	9.75%				1068.05	0.00	720.10	0.00	0.00	720.10	6942.33	Capex	
	Total (D)	10680.50	8010.38					1068.05	0.00	720.10	0.00	0.00	720.10	6942.33		
E)	REC Ltd. (*) Wbtcl projects Package	187361.08	165018.12	9.70%				17814.61	0.00	15425.68	0.00	0.00	15425.68	147203.51	Ongoing Projects	
	Total E	187361.08	165018.12					17814.61	0.00	15425.68	0.00	0.00	15425.68	147203.51		
F)	LIC	14663.42	4624.86	10.10%				1231.23	0.00	405.60	0.00	0.00	405.60	3693.66		
	Total F	14663.42	4624.86					1231.23	0.00	405.60	0.00	0.00	405.60	3693.66		
G)	NABARD	93315.81	44316.58	9.10%				3545.00	25433.00	4633.93	0.00	0.00	4633.93	66204.58		
	Proposed Loans against wbtcl projects															
	Total G	93315.81	44316.58					3545.00	25433.00	4633.93	0.00	0.00	4633.93	66204.58	0.00	0.00
H)	TERM LOANS FROM BANKS															
i)	HUDCO (Previously Allahabad Bank)	8923.00	4142.82	9.25%				1274.72	0.00	337.82	0.00	0.00	337.82	2868.10	Capex	
ii)	SBI	53537.29	49591.16					4.14	3829.00	4014.74	0.00	0.00	4014.74	53416.02	Para Hati - 220/132 kV S/S	
iii)	PNB	8000.00	0.00	8.95%				0.00	4800.00	8.66	0.00	0.00	8.66	4808.66		
iv)	Working Capital Loan (Canara Bank & UBI)		17659.75							699.97	0.00	0.00	699.97	2870.03		
	Total (H)	67460.29	71423.73					1278.87	8829.00	5059.19	0.00	0.00	5052.53	63860.76		
	Total Financial Institution-2021-22 (I+J+K+L)	388481.10	318693.70					49937.76	34262.00	27062.06	0.00	0.00	27055.40	287904.84		

Form -C : Statement of Loans and Calculation of Interest thereon for the Year (Yearwise)

WEST BENGAL STATE ELELCTRICITY TRANSMISSION COMPANY LIMITED
STATEMENT OF LOANS AND CALCULATION OF INTEREST THEREON FOR THE YEAR 2021-22
(INR Lakh)

Sl No	Source of Loans	Original Amount of Loan	Outstanding Balance at the beginning of the year	Normal rate of Interest (% p.a.)	Penal rate of Interest, if any (% p.a.)	Rebate (if any) for prompt payment(% p.a.)	Repayment due		Fresh Drawal, if any Amount/ Date	Interest paid/ payable				Balance at the close of the year	Specific Purpose of Loan	Remarks
							Date	Amount		Normal	Penal	Rebate	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
I)	Central Govt. Loan for Implementation Schemes CEA	0.00	0.00													
	Total (I)	0.00	0.00						0.00	0.00	0.00	0.00	0.00	0.00		
J)	Loan from State Govt.								0.00	0.00	0.00	0.00	0.00	0.00		
	i) For Different schemes under Plan and Non-Plan other than Securitisation of CPSU Outstanding	117284.62	55061.48	8.50%				4850.50	0.00	4656.97	0.00	0.00	4656.97	50210.98		
	ii) For Securitisation of CPSU Outstanding	0.00	0.00													
	Total (J)	117284.62	55061.48						0.00	0.00			0.00	0.00		
	Actual Loans							4850.50	0.00	4656.97	0.00	0.00	4656.97	50210.98		
	A. On Capital Account	505768.72	356065.47					54788.26	34262.00	31019.06	0.00	0.00	31019.06	328539.17		
	B. On Revenue Account	0.00	17669.74					0.00	0.00	695.97	0.00	0.00	695.97	7876.68		
1	Grand Total		373735.19					54788.26	34262.00	31715.03	0.00	0.00	31715.03	336415.85		
2	Normative Loan	157871.97	101826.77	8.97%				7433.96	15459.82	9493.19	0.00	0.00	9493.19	109859.42		
	Gross Total WBSETCL as a whole (2017-18)	663637.69	475583.95					62221.22	49721.82	41211.22	0.00	0.00	41204.56	447971.44		
	Less:Int on Pension Bond									0.00			0.00			
	Less:Int on Capital bal									5233.61			5233.61			
	Total WBSETCL as a whole (2017-18)	663637.69	475583.95					62221.22	49721.82	35977.60	0.00	0.00	35970.94	447971.44		
2	Drawal and Repayment is estimated considering the existing resource pattern of funding and actual payment due as well as estimated repayment due in next year.															

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

ANNEXURE III

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

M.R. PAUL & CO.
CHARTERED ACCOUNTANTS.

Certificate No: CERT/WBSETCL-ACCTS/2022-23/03 Dated:23/09/2022

We have verified the books of account and records of West Bengal State Electricity Transmission Company Limited having its Registered Office at 9th Floor, Bidyut Bhavan, Sector-II, Bidhannagar, Kolkata-700091 and certify that the amount of **Rs. 13288.02 lakhs** included in Note 20 (Sl No.2) of the Financial Statements for the year ended 31st March, 2022 as ' *Contribution to Provident and Other Funds'* comprises of Provident Fund and the Terminal benefits liability related to Pension and Gratuity for the financial year 2021-22 and an amount of **Rs. 11122.68 lakhs** has been recognised as **'Other Comprehensive Income'** as per Actuarial Valuation as at 31st March, 2022 and duly provided for in the Accounts of the Company.

Detailed category wise breakup of the same is as follows:- **Rs. in Lakh**

	Categories of Expenses booked	2021-22	
1	Pension Fund		
	a) For Employees of DPL on Deputation at TCL	-	
	b) For Employees of TCL	11104.75	11104.75
2	Gratuity Fund		
	a) For Employees of DPL on Deputation at TCL	187.07	
	b) For Employees of TCL	684.06	871.13
3	Provident Fund		
	a) For Employees of DPL on Deputation at TCL	101.56	
	b) For Employees of TCL	1210.58	1312.14
TOTAL			**13288.02**
Less: Other Comprehensive Income			
Gratuity-DPL		88.60	
Gratuity-TCL		151.23	
Pension-TCL		10882.85	**11122.68**
Net Amount of Terminal Benefit			**2165.34**

M. R. PAUL & CO. Chartered Accountants 53, N.S. Road, Kolkata - 700001

OFFICE: 53,NETAJI SUBHAS ROAD,ROOM NO.:9&9A,KOLKATA-700001.
PHONE: 2230-6398 (O), 9903101732 (M), 9831331070 (M)
EMAIL: partha_pratim_paul_2@hotmail.com / capppaul@gmail.com

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

M.R. PAUL & CO.
CHARTERED ACCOUNTANTS.

The details of amount deposited by the Company during the financial year 2021-22 and after the completion of Statutory audit of the accounts along with a statement showing monthly deposition in different terminal funds for the year 2021-22 is annexed to this certificate. We further certify that there is no shortfall in payment of the actuarial valuations of the liabilities on account of Pension Fund, Gratuity Fund and Provident Fund to the respective Trust Funds after taking into account the payments made subsequent to the end of the year.

This Certificate is based on the records and documents produced for the purpose.

For M. R. Paul & Co.
Chartered Accountants

Proprietor
(PARTHA PRATIM PAUL)
Mem. No. 064911
FRN : 305108E

M. R. PAUL & CO. Chartered Accountants 53, N.S. Road, Kolkata - 700001

UDIN: **22064911AUGMDT9790**

OFFICE: 53,NETAJI SUBHAS ROAD,ROOM NO.:9&9A,KOLKATA-700001.
PHONE: 2230-6398 (O), 9903101732 (M), 9831331070 (M)
EMAIL: partha_pratim_paul_2@hotmail.com / capppaul@gmail.com

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

M.R. PAUL & CO.

CHARTERED ACCOUNTANTS.

Certificate No:CERT/WBSETCL-ACCTS/2022-23/02 Dated:23/09/2022

This is to certify that the Annual Report for the FY 2021-22 of M/s West Bengal State Electricity Transmission Company Limited of of 9th Floor, Bidyut Bhavan, Sector-II, Biddhannagar, Kolkata-700091 includes "Other Expenses" (shown under note no.23) of Rs.1669.99 Lakhs have the following detailed breakup under the corresponding heads:-

Rs. in Lakh

	Details of Other Expenses:	Amount	Amount
1	Telephone, Postage, Telegram & Telex Charges		52.56
2	Legal Charges		65.47
3	Directors' Fees & Expenses		4.07
4	Technical Fees		-
5	Training Expenses		15.62
6	Fees & Subscriptions		1.18
7	Books & Periodicals		3.17
8	Printing & Stationary		110.45
9	Electricity Charges		51.02
10	Water Charges		12.72
11	Hospitality - Food and Beverage		38.09
12	Entertainment		10.70
13	Fees for New recruitment of Manpower		178.44
14	Cleaning Charges		332.94
15	Miscellaneous Expenses		43.62
16	Material Related Expenses		194.43
17	Compensation for Injuries/Death		6.02
18	Other Bank Charges		1.52
19	Lease Rental		188.16
20	Provision for Stalled project		273.72
	Audit Fees & Expenses		
21	Statutory Audit Fees and expenses	14.80	
22	Internal Audit Fees and expenses	32.43	
23	Out of Pocket Expenses of Auditors	12.31	
24	Cost Audit Fee	1.18	
25	Tax Audit fee	1.48	
26	Other Audit fees	23.89	86.09
	TOTAL		**1669.99**

This Certificate is based on the records and documents produced before us for the purpose.

For M. R. Paul & Co.
Chartered Accountants

Proprietor
(PARTHA PRATIM PAUL)
Mem. No. 064911
FRN : 305108E

UDIN: **22064911AUGHUC1665**

M. R. PAUL & CO. ★ Chartered Accountants ★ 53, N.S. Road, Kolkata - 700001

OFFICE: 53,NETAJI SUBHAS ROAD,ROOM NO.:9&9A,KOLKATA-700001.
PHONE:2230-6398 (O), 9903101732 (M), 9831331070 (M)
e-mail:: partha pratim paul 2@hotmail.com / capppaul@gmail.com

48

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

M.R. PAUL & CO.
CHARTERED ACCOUNTANTS.

Certificate no.: CERT/WBSETCL-ACCTS/2022-23/01 Dated : 23/09/2022

TO WHOM IT MAY CONCERN

THIS IS TO CERTIFY THAT THE FOLLOWINGS ARE THE HEAD-WISE DETAILS OF EXPENDITURES INCURRED BY SLDC UNIT OF WBSETCL DURING THE FINANCIAL YEAR 2021-2022 AS SHOWN IN THEIR AUDITED FINANCIAL STATEMENTS

Rs. in Lakhs

PARTICULARS	ACTUAL EXPENDITURE AS PER AUDITED STATEMENT OF ACCOUNTS (2021-22)		Note No.
1. CAPITAL EXPENDITURE (PURCHASE)		19.49	(i)
TOTAL CAPITAL EXPENDITURE (A)		**19.49**	
1. ULDC TARIFF CHARGES		119.68	
2.REPAIR & MAINTENANCE		35.68	
3. ADM. AND GENERAL EXPENDITURE		47.98	
4. FINANCING COST		0.35	(ii)
5. EMPLOYEE COST		540.88	
6. DEPRECIATION		4.54	
TOTAL REVENUE EXPENDITURE (B)		**749.11**	
TOTAL EXPENDITURE (A+B)		**768.60**	
OTHERS INCOME (INCOME OTHER THAN SLDC HANDLING CHARGES)			
OTHERS INCOME		1102.75	(iii)
TOTAL OTHERS INCOME (C)		**(1102.75)**	
NET EXPENDITURE / (Income)		**(334.15)**	

M.R. PAUL & CO. Chartered Accountants 53, N.S. Road, Kolkata 700001

i) Capital Expenditure includes Purchase of Plant & Machinery of Rs.13.74 Lakh, Furniture & Fixture of Rs.2.69 Lakh and Computer of Rs.3.06 Lakh.

ii) Financing Cost includes Bank charges of Rs. 0.08 Lakh

Continued to Pg2

OFFICE: 53,NETAJI SUBHAS ROAD,ROOM NO.:9&19A,KOLKATA-700001.
PHONE: 2230-6398 (O), 9903101732 (M), 9831331070 (M)
EMAIL: partha_pratim_paul_2@hotmail.com / capppaul@gmail.com

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Continued from Pg1

Rs. in Lakhs

iii)	Detailed Breakup of Revenue Income of SLDC	
	Particulars	Amount
	Non-Refundable Application Fees for Open Access	39.60
	Rental from Staff Quarter	5.74
	Recovery of Transport Facilities	0.12
	Rental from Contractors	0.18
	Other Receipts (Power Exchange & Misc.)	2.71
	Receipt against Bond Value on Resignation	4.48
	Sale of Tender paper	0.19
	Sale of Scrap	0.62
	Excess Provision for Expenses written back	0.20
	Interest on Fixed Deposit	462.03
	Interest on Autosweep Deposit	514.30
	Operating & Scheduling Charges (WBSEDCL)	6.93
	Operating & Scheduling Charges (CESC)	5.45
	Operating & Scheduling Charges (Tata Power)	5.96
	Operating & Scheduling Charges (PCBL)	2.01
	Operating & Scheduling Charges (RPG / CPL)	12.51
	Operating & Scheduling Charges (IPSC)	3.40
	Operating & Scheduling Charges (APPCPL)	1.03
	Operating & Scheduling Charges (Others)	35.29
	TOTAL	**1102.75**

This Certificate is based on the records and documents produced for the purpose.

For M. R. Paul & Co.
Chartered Accountants

Proprietor
(PARTHA PRATIM PAUL)
Mem. No. 064911
FRN : 305108E

UDIN: **22064911AUGFDT6288**

M. R. PAUL & CO. Chartered Accountants 53, N.S. Road, Kolkata - 700001

OFFICE: 53,NETAJI SUBHAS ROAD,ROOM NO.:9&9A,KOLKATA-700001.
PHONE: 2230-6398 (O), 9903101732 (M), 9831331070 (M)
EMAIL: partha_pratim_paul_2@hotmail.com / capppaul@gmail.com

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

span & associates
Chartered Accountants
(Formerly S. Ganguli & Associates)
since 1979

Certificate No. SPAN/WBSETCL/565/22-23

Auditor's Certificate

We have verified the books of account and records of M/s West Bengal State Electricity Transmission Company Limited having its Registered Office at 9th Floor, BidyutBhavan, Sector-II, Bidhannagar, Kolkata-700091 and certify that Legal Expenses of Rs. 65.47 lakh is included under the head "Other Expenses" of Rs. 1669.99 lakhs shown in Note 23 of the Financial Statements for the year ended 31st March, 2022.

Detailed category wise breakup of the same is as follows: -

	Categories of Legal Expenses	2021-22 Rs. in Lakh
1	Relating to own employees and establishment	17.77
2	Relating to Land & Property	6.16
3	Relating to non-compliance of Standard of Performance for new connection, line maintenance etc.	0.00
4	Regarding Commercial activities e.g. metering, billing, realisation of revenue from consumers, etc.	0.00
5	Relating to Consumers' accident, death, injury, etc.	0.00
6	Relating to action against unfavourable orders/judgements of various statutory / judicial authorities (Fees for preferring appeal to Appellete Tribunal for Electricity)	19.98
7	Others	
	a) Right of Way	7.00
	b) Contract & Agreement	11.66
	c) Money Suit	0.97
	d) Legal Exp for Appellate Authority	0.00
	e) Service Matter other than Employees	0.53
	f) Miscellaneous	1.40
	g) Open Access Disputes before CERC	0.00
TOTAL		**65.47**

For, S P A N & Associates
Chartered Accountants
(FRN: 302192E)

Place: Kolkata
Date: 08/09/2022

(K. Chakrabarti)
Partner
M. No.: 015363

SPAN & ASSOCIATES Kolkata Chartered Accountants

UDIN: 22015363ARJOAW8478

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

span & associates
Chartered Accountants
(Formerly S. Ganguli & Associates)
since 1979

Certificate No. **SPAN/WBSETCL/567/22-23**

Auditors Certificate

We have checked the attached statements of (a) voltage wise numbers of bays in each sub-stations as on 31st March 2022 and (b) sub-station wise O&M cost for the year ended 31st March 2022 of the West Bengal State Electricity Transmission Company Limited with the books and records of the company produced to us and based on the information and explanations given to us we certify that the attached statement is in accordance with the records of the company.

For, S P A N & Associates
Chartered Accountants
(FRN: 302192E)

(K. Chakrabarti)
Partner
M. No.: 015363

UDIN: 22015363ARJQAS3171

Place: Kolkata
Date: 08/09/2022

Head Office : 14/28 Golf Club Road I Ground Floor I Kolkata - 700 033 I India
Phone : 033-2423-5104/5099/5087 I Tele Fax : 91-33-2423-5086
E-mail : spanca1979@gmail.com/info@spanca.in I Website : www.spanca.in

GOUTAM DUTTA
ADDL. CHIEF ENGINEER

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-II	Chinsura Tr Zone	Howrah Area Office	H o w r a h	220 KV Sub-Station	220KV	11
					220 KV PASS Bay	01
					132KV	16
					33KV	07
					25KV	04
CEOM-II			Bagnan	132 KV GIS	132KV	05
					33KV	17
CEOM-II			Food Park	132 KV Sub-Station	132KV	09
CEOM-II					33KV	11
CEOM-II			Foundry Park	220 KV Sub-Station	220KV	08
					132KV	09
					33KV	15
CEOM-II			L i l u a h	132 KV Sub-Station	132KV	17
					33KV	18
					25KV	04
CEOM-II			Uluberia	132 KV Sub-Station	132KV	08
					33KV	21
					11KV	12
CEOM-I	Berhampore Tr Zone	Krishnanagar Area Office	Debagram	132 KV Sub-Station	132KV	10
					33KV	17
					11KV	17
CEOM-I			Nazirpur	132 KV GIS	132KV	07
					33KV	12
CEOM-I			Bagula	66 KV Sub-Station	66KV	01
					33KV	01
					11KV	10
CEOM-I			Krishnanagar	220 KV Sub-Station	220KV	09
					132KV	13
					33KV	19
					11KV	11
			Rejinagar	220 KV Sub-Station	220KV	09
					132KV	14
					33KV	19
CEOM-I			Ranaghat	132 KV Sub-Station	132KV	11
					66KV	04
					33KV	18
					25KV	04
					11KV	15
CEOM-I	Kolkata Tr Zone	Barasat Area Office	Asokenagar	132 KV Sub-Station	132KV	10
					33KV	21
					25KV	04
CEOM-I			Barasat	220 KV GIS	220KV	07
					132KV	13
					33KV	31
					11KV	11
CEOM-I			Basirhat	132 KV Sub-Station	132KV	08
					33KV	22
					11KV	14
CEOM-I			Bongaon	132 KV Sub-Station	132KV	08
					33KV	19
					11KV	14
CEOM-I			Mahispota	132 KV Sub-Station	132KV	06
					33KV	19
					11KV	06
CEOM-I	Kolkata Tr Zone	Behala Area Office	Behala	132 KV Sub-Station	132KV	09
					33KV	23
					11KV	13
CEOM-I			Kakdwip	132 KV Sub-Station	132KV	08
					33KV	16
CEOM-I			Serakol	132 KV Sub-Station	132KV	11
					33KV	14
CEOM-I			Falta	132 KV Sub-Station	132KV	08
					33KV	21
					11KV	09
CEOM-I			Laxmikantapur	220 KV Sub-Station	220KV	06
					132KV	16
					33KV	20
					25KV	00
					11KV	14

30/05/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-I	Kolkata Tr Zone	Jeerat Area Office	Jeerat	400 KV Sub-Station	400KV	15
					220KV	18
					132KV	15
					33KV	00
CEOM-I			Dharampur	132 KV Sub-Station	132KV	
					33KV	24
CEOM-I			Dharampur	220 KV GIS	220KV	07
					132KV	16
CEOM-I			Kalyani	132 KV Sub-Station	132KV	06
					33KV	20
					11KV	14
CEOM-I	Kolkata Tr Zone	Kasba Area Office	K. L. Complex	220 KV Sub-Station	220KV	05
					132KV	08
					33KV	25
					11KV	09
CEOM-I			Kasba	220 KV Sub-Station	220KV	11
					132KV	14
					33KV	01
CEOM-I			Sonarpur	132 KV Sub-Station	132KV	10
					33KV	07
					25KV	05
CEOM-I			Subhasgram	220 KV Sub-Station	220KV	10
					132KV	10
					33KV	19
					11KV	09
CEOM-I			Sonakhali	132 KV GIS	132KV	05
					33KV	16
CEOM-I	Kolkata Tr Zone	SaltLake Area Office	New Town AA-I	132 KV Sub-Station	132KV	08
					33KV	19
					11KV	09
CEOM-I			New Town AA-III	220 KV Sub-Station	220KV	12
					132KV	08
					33KV	26
					11KV	08
CEOM-I			Salt Lake	132 KV Sub-Station	132KV	07
					33KV	30
CEOM-I			Salt Lake	132 KV GIS	132KV	05
					33KV	13
CEOM-I			Salt Lake	Stadium 132 KV GIS	132KV	07
					33KV	16
					11KV	17
CEOM-I			Titagarh	132 KV Sub-Station	132KV	10
					33KV	15
					25KV	04

30/5/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

54

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-I	Berhampore Tr Zone	Berhampore Area Office	Amtala	132 KV Sub-Station	132KV	09
					33KV	13
					11KV	11
CEOM-I			Berhampur	132 KV Sub-Station	132KV	09
					33KV	18
CEOM-I			Dhulian	132 KV Sub-Station	132KV	04
					33KV	09
CEOM-I			Lalgola	132 KV Sub-Station	132KV	08
					33KV	11
CEOM-I			Domkal	132 KV GIS	132KV	05
					33KV	15
CEOM-I			Raghunathgonj	132 KV Sub-Station	132KV	09
					33KV	15
CEOM-I			Sagardighi	220 KV GIS	220KV	07
					132KV	05
					33KV	21
CEOM-I	Siliguri Tr Zone	Alipurduar Area Office	Alipurduar	220 KV GIS	220KV	05
					132KV	09
					66KV	05
					33KV	08
					11KV	00
			Dinhata	132 KV GIS	132KV	05
					33KV	17
CEOM-I			Hamiltongunj	66 KV Sub-Station	66KV	05
					11KV	13
CEOM-I			Kamakhyaguri	66 KV Sub-Station	132 KV	04
					66KV	02
					33KV	07
					11KV	10
CEOM-I			Hasimara	66 KV Sub-Station	66KV	07
					33KV	06
					11KV	09
CEOM-I			Coochbehar	132 KV Sub-Station	132KV	09
					33KV	18
CEOM-I			Mathabhanga	132 KV GIS	132KV	07
					33KV	16
CEOM-I	Siliguri Tr Zone	Jalpaiguri Area Office	Chalsa	132 KV Sub-Station	132KV	07
					66KV	08
					33KV	08
					11KV	11
CEOM-I			Nagrakata	66 KV Sub-Station	66KV	05
					11KV	10
CEOM-I			Odlabari	66 KV Sub-Station	66KV	06
					33KV	07
					11KV	12
CEOM-I			Birpara	132 KV Sub-Station	132KV	11
					66KV	06
					33KV	10
					11KV	19
CEOM-I			Banarhat	66 KV Sub-Station	66KV	07
					11KV	20
CEOM-I			Maynaguri	132 KV Sub-Station	132KV	11
					33KV	14
					11KV	12
CEOM-I			Mohitnagar	132 KV GIS	132KV	08
					33KV	13
CEOM-I	Berhampore Tr Zone	Malda Area Office	M a l d a	132 KV Sub-Station	132KV	10
					33KV	24
					11KV	07
CEOM-I			Khejuriaghat	132 KV GIS	132KV	07
					33KV	19
CEOM-I			Harischandrapur	132 KV GIS	132KV	07
					33KV	19
CEOM-I			Samsi	132 KV Sub-Station	132KV	08
					33KV	19
					11KV	14
CEOM-I			Gazole	220 KV Sub-Station	220KV	07
					132KV	13
					33KV	19
					11KV	09

30/05/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I H.Q.,
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-I	Siliguri Tr Zone	Raiganj Area Office	Balurghat	132 KV Sub-Station	132KV	07
					33KV	14
					11KV	09
CEOM-I			Dalkhola	220 KV Sub-Station	220KV	05
					132KV	12
					33KV	12
					11KV	09
CEOM-I			Gangarampur	132 KV Sub-Station	132KV	06
					33KV	17
					11KV	13
CEOM-I			Islampur	132 KV Sub-Station	132KV	07
					33KV	18
CEOM-I			Raigunj	132 KV Sub-Station	132KV	07
					33KV	17
					11KV	13
CEOM-I	Siliguri Tr Zone	Siliguri Area Office	Darjeeling	132 KV Sub-Station	132KV	05
					33KV	08
CEOM-I			Karseong	132 KV Sub-Station	132KV	04
					33KV	10
CEOM-I			Kalimpong	66 KV Sub-Station	66KV	08
					33KV	06
					11KV	12
CEOM-I			Ujanu	132 KV Sub-Station	132KV	05
					33KV	11
CEOM-I			N. J. P.	220 KV Sub-Station	220KV	08
					132KV	14
					33KV	19
					11KV	08
CEOM-I			N. B. U.	132 KV Sub-Station	132KV	11
					33KV	21
					11KV	20
CEOM-I			Siliguri	132 KV Sub-Station	132KV	06
					33KV	12
CEOM-II	Chinsura Tr Zone	New Chanditala 400 KV Area Office	Chanditala	400 KV Sub-Station	400KV	14
					220KV	15
					33KV	02
CEOM-II			Domjur	220 KV Sub-Station	220KV	11
					132KV	13
					33KV	22
					11KV	13
CEOM-II			Jangipara	132 KV Sub-Station	132KV	07
					33KV	12
					11KV	11
CEOM-II	Berhampore Tr Zone	Gokarna 400 KV Area Office	Gokarna	400 KV Sub-Station	400KV	11
					220KV	04
CEOM-II			Gokarna	220 KV Sub-Station	220KV	10
					132KV	19
					33KV	22
CEOM-II			Salar	132 KV GIS	132KV	07
					33KV	17
CEOM-II			Kuli	132 KV GIS	132KV	05
					33KV	17
CEOM-II	Chinsura Tr Zone	Arambag Area Office	Arambagh	400 KV Sub-Station	400KV	13
					220KV	17
					132KV	15
					33KV	21
CEOM-II			Tarakeswar	132 KV Sub-Station	132KV	11
					33KV	17
					11KV	11

30/05/22

DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22

Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M), H.Q.,
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-II	Chinsura Tr Zone	Burdwan Area Office	Kalna	132 KV Sub-Station	132KV	06
					33KV	11
CEOM-II			Katwa	132 KV Sub-Station	132KV	11
					33KV	24
					11KV	11
CEOM-II			Mahachanda	132 KV Sub-Station	132KV	08
					33KV	23
					11KV	13
CEOM-II			Mankar	132 KV Sub-Station	132KV	10
					33KV	18
					11KV	10
CEOM-II			Raina	132 KV Sub-Station	132KV	08
					33KV	20
					11KV	12
CEOM-II			Burdwan	132 KV GIS	132KV	08
					33KV	22
CEOM-II			Satgachia	220 KV Sub-Station	220KV	11
					132KV	16
					33KV	23
					11KV	11
CEOM-II	Durgapur Tr Zone	Birbhum Area Office	Bolpur	132 KV Sub-Station	132KV	11
					33KV	23
					11KV	10
CEOM-II			Sadaipur	220 KV Sub-Station	220KV	08
					132KV	10
					33KV	20
CEOM-II			Rampurhat	132 KV Sub-Station	132KV	09
					33KV	18
					11KV	13
CEOM-II			Sainthia	132 KV Sub-Station	132KV	08
					33KV	20
					11KV	14
CEOM-II			Bhadrapur	132 KV GIS	132KV	07
					33KV	15
CEOM-II	Chinsura Tr Zone	Chandannagar Area Office	Adisaptagram	132 KV Sub-Station	132KV	10
					33KV	22
					25KV	02
					11KV	12
CEOM-II			Belmuri	132 KV Sub-Station	132KV	07
					33KV	14
					25KV	01
					11KV	11
CEOM-II			Bighati	132 KV Sub-Station	132KV	07
					33KV	11
CEOM-II			Chanditala	132 KV Sub-Station	132KV	08
					33KV	18
					11KV	12
CEOM-II			Dankuni	132 KV TSS	132KV	04
CEOM-II			Khanyan	132 KV Sub-Station	132KV	06
					33KV	13
					11KV	07
CEOM-II			Rishra	220 KV Sub-Station	220KV	08
					132KV	18
					33KV	36
					11KV	15
CEOM-II			Hind Motor	132 KV SW S/Stn.	132KV	03

30/05/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H Q.,
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-II	Durgapur Tr Zone	Durgapur 400 KV Area Office	Asansol	220 KV Sub-Station	220KV	06
					132KV	10
					33KV	25
CEOM-II			Durgapur	220 KV Sub-Station	220KV	14
					132KV	16
					33KV	01
CEOM-II			Durgapur	400 KV Sub-Station	400KV	10
					33KV	02
CEOM-II			Ukhra	132 KV Sub-Station	132KV	06
					33KV	21
					11KV	10
CEOM-II			Panagarh	132 KV GIS	132KV	08
					33KV	17
CEOM-II	Durgapur Tr Zone	Durgapur Area Office	DPL B - Zone	132 KV Sub-Station	132KV	13
					33KV	07
					11KV	23
CEOM-II			DPL BAMUNARA	132 KV Sub-Station	132KV	05
					33KV	13
					11KV	08
CEOM-II			DPL A - Zone	132 KV Sub-Station	132KV	10
					33KV	06
					11KV	11
CEOM-II			DPL C - Zone	132 KV Sub-Station	132KV	10
					33KV	08
					11KV	08
CEOM-II			DPL C1 - Zone	132 KV Sub-Station	132KV	09
					33KV	09
					11KV	12
CEOM-II			DPL AB - Zone	132 KV Sub-Station	132KV	07
					33KV	13
					11KV	07
CEOM-II	Durgapur Tr Zone	Bankura Area Office	Bankura	132 KV Sub-Station	132KV	09
					33KV	21
					11KV	10
CEOM-II			Barjora	132 KV Sub-Station	132KV	07
					33KV	13
					11KV	08
CEOM-II			Bishnupur	132 KV Sub-Station	132KV	12
					33KV	17
					11KV	12
CEOM-II			Khatra	132 KV Sub-Station	132KV	05
					33KV	12
CEOM-II			Indus	132 KV GIS	132KV	05
					33KV	13
CEOM-II			New Bishnupur	220 KV Sub-Station	220KV	11
					132KV	17
					33KV	16
					11KV	11
CEOM-II	Midnapore Tr Zone	Haldia Area Office	Haldia	132 KV Sub-Station	132KV	13
					33KV	21
					25KV	04
					11KV	13
CEOM-II			Haldia NIZ	132 KV Sub-Station	132KV	12
					33KV	12
					11KV	09
CEOM-II			New Haldia	220 KV Sub-Station	220KV	11
					132KV	12
					33KV	17

30/05/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

O&M I/II	ZONE	Area Office	Name of the S/Station		Voltage Level	Number of Bays
CEOM-II	Midnapore Tr Zone	Tamluk Area Office	Contai	132 KV Sub-Station	132KV	07
					33KV	16
					11KV	16
CEOM-II			Kolaghat	132 KV Sub-Station	132KV	09
					33KV	18
					11KV	12
CEOM-II			Bajkul	132 KV GIS	132KV	07
					33KV	17
CEOM-II			Tamluk	132 KV Sub-Station	132KV	09
					33KV	16
					11KV	07
CEOM-II	Midnapore Tr Zone	Kharagpur Area Office	Egra	220 KV GIS	220KV	05
					132KV	09
					33KV	22
					11KV	11
CEOM-II			H l z l i	132 KV Sub-Station	132KV	07
					33KV	18
					11KV	11
CEOM-II			Kharagpur	132 KV Sub-Station	132KV	07
					33KV	19
					11KV	07
CEOM-II			Pingla	132 KV Sub-Station	132KV	08
					33KV	17
					11KV	13
			Baliachak	132KV TSS	132KV	02
CEOM-II			Vidyasagar Park	220 KV GIS	220KV	05
					132KV	09
					33KV	12
CEOM-II	Midnapore Tr Zone	Kharagpur 400 KV Area Office	Kharagpur	400 KV Sub-Station	400KV	13
					220KV	13
					132KV	08
					33KV	02
CEOM-II			Keshiary	132 KV Sub-Station	132KV	07
					33KV	19
CEOM-II	Midnapore Tr Zone	Midnapur Area Office	Birshingha	132 KV Sub-Station	132KV	08
					33KV	21
					11KV	13
CEOM-II			C.K.Road	132 KV Sub-Station	132KV	11
					33KV	18
CEOM-II			Jhargram	132 KV Sub-Station	132KV	10
					33KV	20
					11KV	07
CEOM-II			Debra	132 KV GIS	132KV	07
					33KV	19
CEOM-II			Midnapur	220 KV Sub-Station	220KV	09
					132KV	17
					33KV	23
CEOM-II	Durgapur Tr Zone	Purulia Area Office	Bagmundi	132 KV Sub-Station	132KV	05
					33KV	06
CEOM-II			Purulia	400 KV GI SW S/Stn	400KV	11
					33KV	02
CEOM-II			Purulia	132 KV Sub-Station	132KV	12
					33KV	24
					11KV	12
CEOM-II			Hura	220 KV Sub-Station	220KV	06
					132KV	11
					33KV	09
CEOM-II			Jhalda	132 KV GIS	132KV	05
					33KV	16
CEOM-II			Raghunathpur	132 KV Sub-Station	132KV	07
					33KV	15
					11KV	07
			Manbazar	132 KV GIS	132KV	05
					33KV	17
		151	TOTAL BAYS IN WBSETCL		400 KV	87
					220 KV	309
					132 KV	1215
					66 KV	64
					33 KV	2214
					25 KV	32
					11 KV SG	897

30/05/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I H Q.,
WBSETCL

57

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Repair & Maintenance Expenses 2021-22

PROFIT CENTRE	TOTAL TRIAL 2021-22	STORES & SPARES	BUILDING	LINE	S/S	OTHERS
Alipurduar AO	541.82	0.00	63.48	44.05	432.85	1.44
Arambag 400 KV AO	271.62	72.97	97.33	11.22	86.17	3.93
Bankura AO	284.83	70.28	72.54	33.27	102.13	6.61
Barasat AO	880.93	266.94	342.81	79.23	179.42	12.53
Behala AO	274.13	56.87	101.69	36.86	64.09	14.62
Berhampore AO	279.50	95.73	75.40	33.71	42.06	32.60
BERHAMPUR Trans Zone	0.29					0.29
Birbhum AO	167.72	21.97	49.07	29.73	66.95	0.00
Burdwan AO	181.02	68.33	44.48	18.56	44.90	4.75
CE(Communication)	9.33				8.44	0.89
Central Testing Dept	68.54	29.28	3.49	0.00	27.75	8.02
Chandannagar AO	273.90	51.20	61.84	67.62	88.92	4.32
Chinsurah Trans Zone	2.28		2.28			
Corporate HQ	676.17					676.17
Durgapur 400KvAO	437.10	0.00	111.11	118.77	201.01	6.21
DURGAPUR AREA OFFICE	62.21				62.20	0.01
FFZOffice Chinsurah	0.62					0.62
FZ OFF KRISHNANAGAR	0.84	0.00	0.22	0.00	0.00	0.62
FZ OFFICE BARASAT	0.31					0.31
FZOffice Durgapur	0.92					0.92
FZOffice I Siliguri	2.34		0.18			2.16
FZOffice Kharagpur	0.31					0.31
FZOffice Kolkata	0.77					0.77
FZOffice Malda	3.29		0.12			3.17
Gokarna 400 KVAO	135.90	26.16	36.70	9.57	60.02	3.45
Haldia AO	170.50	43.20	30.78	20.43	75.00	1.09
Howrah AO	400.79	168.57	74.45	47.92	105.31	4.54
Jalpaiguri AO	284.67	24.82	91.26	75.56	76.61	16.42
Jeerat 400 KV AO	427.05	111.00	70.22	35.50	200.31	10.02
Kasba AO	400.76	107.92	25.54	51.34	116.80	99.16
Kharagpur 400KV AO	71.21	12.86	19.54	3.21	32.45	3.15
Kharagpur AO	252.96	28.63	30.57	149.04	10.06	34.66
Kolkata Trans Zone	0.87					0.87
Krishnanagar AO	314.27	133.06	52.17	20.81	105.16	3.07
Malda AO	122.09	56.29	0.00	11.86	39.84	14.10
Midnapore Trans Zone	0.43					0.43
Midnapur AO	161.81	46.35	22.47	15.19	53.99	23.81
NChanditala 400KV AO	253.06	65.57	116.93	17.53	51.61	1.42
Purulia AO	180.80	27.40	42.20	44.04	60.48	6.68
Raiganj AO	349.03	86.85	178.22	30.17	46.00	7.79
S.Load Desp. Centre	35.68		3.51			32.17
Salt Lake AO	214.99	63.64	76.06	13.99	56.99	4.31
Siliguri AO	685.39	226.52	261.93	110.15	80.68	6.11
Siliguri Trans Zone	1.95		0.26			1.69
Tamluk AO	161.14	50.90	9.62	33.07	54.63	12.92
TOTAL	**9046.14**	**2013.31**	**2168.47**	**1162.40**	**2632.83**	**1069.13**

Biswas 08/09/2022

08/09/22

(60)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

span & associates
Chartered Accountants
(Formerly S. Ganguli & Associates)
since 1979

Certificate No. SPAN/WBSETCL/563/2022-23

Auditors Certificate

We have checked the attached statements of (a) total circuit kilometre(CKM) of transmission lines (owned by the company as well as not owned but maintained by the company) and (b) total no of transformers and corresponding installed capacity of West Bengal State Electricity Transmission Company Limited as on 31st March 2022 with the books, records and fixed assets register of the company produced to us and based on the information and explanations given to us we certify that the above statement is in accordance with the records of the company.

For, S P A N & Associates
Chartered Accountants
(FRN: 302192E)

Place: Kolkata
Date :08/09/2022

(K. Chakrabarti)
Partner
M. No.: 015363

SPAN & ASSOCIATES * Kolkata * Chartered Accountants

UDIN: 22015363ARJMQH6113

Head Office : 14/28 Golf Club Road I Ground Floor I Kolkata - 700 033 I India
Phone : 033-2423-5104/5099/5087 I Tele Fax : 91-33-2423-5086
E-mail : spanca1979@gmail.com/info@spanca.in I Website : www.spanca.in

61

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

CKM of WBSETCL Transmission Lines as on 31.03.2022			
Details	CKM of Transmission Lines		
	Assets owned by WBSETCL	Assets not owned but maintained by WBSETCL	Total
400 KV	1844.890	293.000	**2137.890**
220 KV	3541.780	344.000	**3885.780**
132 KV	9393.350	0.000	**9393.350**
66 KV	333.000	0.000	**333.000**
Total	**15113.020**	**637.000**	**15750.020**
TOTAL TRANSFORMATION CAPACITY : AS ON 31.03.2022		**36657.36 MVA**	

30/05/22.

DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22

Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

62

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

DETAILS OF TRANSMISSION AND DISTRIBUTION LINES AS ON 31/03/2022

Name of the Utility- West Bengal State Electricity Transmission Co. Ltd

SL No	Nominal Voltage	Length of Line in Km at the beginning of the year			Length of Line in Km added during the year			Total Length of Line in Km at the end of the year				Remarks
		Single Ckt	Double Ckt	Multi Ckt	Single Ckt	Double Ckt	Multi Ckt	Single Ckt	Double Ckt	Multi Ckt	Total	
1	Above 500 KV											
2	500 KV DC											
3	400 KV	963.00	587.45					963.00	587.45		2137.89	
4	230 KV											
5	220 KV	874.50	1485.20			20.44		874.50	1505.64		3885.78	
6	132 KV	2829.31	3132.79	44.58		58.27	0.90	2829.31	3191.06	45.48	9393.35	
7	110 KV											
8	78 KV											
9	66 KV	258.00	37.50					258.00	37.50		333.00	
10	33 KV											
11	22 KV											
12	11 KV											
13	6.6 KV											
14	4.4 KV											
15	3.3 KV											
16	2.2 KV											
17	440/230 V 3 PH/ 1 PH											
18	DC Lines											
19	Any Other											
	Total	15589.01		CKM	161.02		CKM	15750.02			CKM	

30/05/22

DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22

Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

63

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Transformers under WBSETCL as on 31.03.2022

Voltage Class Capacity (MVA)	Total No. of Sub-Stations	Different Voltage ratio in use	Capacity in MVA	Number of Transformers	Total capacity in each Voltage Class
400	7	400/220	315	18	5670.00
		220/132	160	9	1440.00
		132/33	50	3	150.00
220	29	220/132	200	3	600.00
		220/132	160	69	11040.00
		220/132	150	3	450.00
		220/33	50	4	200.00
		132/66	20	1	20.00
		132/66	16	1	16.00
		132/33	50	54	2700.00
		132/33	31.5	11	346.50
		132/33	20	1	20.00
		132/25	20	2	40.00
		132/25	12.5	2	25.00
		33/11	10	17	170.00
		33/11	6.3	22	138.60
		33/11	5	1	5.00
132	103	132/66	31.5	4	126.00
		132/66	20	3	60.00
		132/33	80	2	160.00
		132/33	50	187	9350.00
		132/33	31.5	56	1764.00
		132/33	30	1	30.00
		132/33	20	5	100.00
		132/33	10	1	10.00
		132/25	30.24	4	120.96
		132/25	20	6	120.00
		132/25	12.5	3	37.50
		132/25	10	0	0.00
		132/25	7.5	2	15.00
		132/11	31.5	9	283.50
		132/11	20	2	40.00
		66/11	6.3	0	0.00
		66/11	5	2	10.00
		33/11	10	62	620.00
		33/11	6.3	73	459.90
		33/11	5	7	35.00
66	8	66/33	7.5	1	7.50
		66/33	10	6	60.00
		66/33/11	5	2	10.00
		66/33	5	3	15.00
		66/11	10	4	40.00
		66/11	6.3	11	69.30
		66/11	5	13	65.00
		66/11	4	0	0.00
		33/11	6.3	2	12.60
		33/11	5	1	5.00
147 Nos Sub-Stations				693	36657.36

30/05/22
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

30/5/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

West Bengal State Electricity Transmission Company Limited

(A Government of West Bengal Enterprise)

WBSETCL

Certificate No. SPAN/WBSETCL/564/2022-23

Statement of Manpower engaged in different field of activity which is outsourced as on 31.03.2022

Particulars	Outsourced	Own Employee	Total
Sweeper	231	0	231
Mali	65	0	65
Pump Operator	08	0	08
Security Services	1312	0	1312
Unskilled Manpower	13	0	13

Place: Kolkata

Date: 08/09/2022

(Sujata Dutta)

General Manager (HR&A)

Auditors Certificate

We have checked the above statement with the books and records of the Company produced to us based on the information and explanations given to us we certify that the above statement is in accordance with the records of the company.

For, S P A N & Associates
Chartered Accountants
(FRN: 302192E)

Place: Kolkata
Date: 08/09/2022

(K. Chakrabarti)
Partner
M. No.: 015363

SPAN & ASSOCIATES * Kolkata * Chartered Accountants

UDIN: 22015363ARJNEO4626

WBSETCL

25

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

West Bengal State Electricity Transmission Company Limited

(A Government of West Bengal Enterprise)

WBSETCL

Certificate No. SPAN/WBSETCL/566/22-23

Details of expenditure on account of the following during the financial year 2021-22

Sl. No.	Particulars	Amount
1	Penalty, fine and compensation paid under Electricity Act 2003	NIL
2	Any fines, penalty or compensation in any other statute other than Electricity Act 2003	NIL
3	List of Expenditure arisen on account of penalty, fine and compensation due to non- compliance of any statute or Statutory order	NIL

Place: Kolkata

Date: **08/09/2022**

Gen. Manager (F & A)
WBSETCL

Auditors Certificate

We have checked the above statement with the books and records of the Company produced to us based on the information and explanations given to us we certify that the above statement is in accordance with the records of the company.

For, S P A N & Associates
Chartered Accountants
(FRN: 302192E)

SPAN & ASSOCIATES Kolkata Chartered Accountants

(K. Chakrabarti)
Partner
M. No.: 015363

UDIN: 22015363ARJOTA9809

Place: Kolkata

Date: 08/09/2022

WBSETCL

66

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

EQUIPMENT FAILURE REPORT FOR THE YEAR 2021-22

DESCRIPTION	VOLTAGE CLASS																	
EQUIPMENT	400 KV	POPULATION AS ON 31.03.2021	%age of failure i.r.o. Population	220 KV	POPULATION AS ON 31.03.2021	%age of failure i.r.o. Population	132 KV	POPULATION AS ON 31.03.2021	%age of failure i.r.o. Population	66 KV	POPULATION AS ON 31.03.2021	%age of failure i.r.o. Population	33 KV	POPULATION AS ON 31.03.2021	%age of failure i.r.o. Population	25 KV	POPULATION AS ON 31.03.2021	%age of failure i.r.o. Population	11 KV
CIRCUIT BREAKER	00	84	0.00%	00	313	0.00%	03	1130	0.27%	01	62	1.61%	50	1690	2.96%	00	16	0.00%	02
CURRENT TRANSFORMER	00	306	0.00%	01	959	0.10%	17	3343	0.51%	00	195	0.00%	89	5231	1.70%	00	32	0.00%	02
LIGHTNING ARRESTER	01	210	0.48%	11	739	1.49%	34	2975	1.14%	04	192	2.08%	111	5027	2.21%	00	31	0.00%	02
POTENTIAL TRANSFORMER	00	18	0.00%	01	176	0.57%	01	602	0.17%	00	33	0.00%	15	620	2.42%	00	20	0.00%	00
TRANSFORMERS :	01	18	5.56%	00	88	0.00%	07	332	2.11%	00	38	0.00%	00	177	0.00%	00	18	0.00%	

TRANSFORMERS :			
Jeerat 400 KV SS	400/220/33 KV	315 MVA	09-04-2021
Alipurduar 220KV GIS	33/0.4 KV	ET	08-05-2021
Tarakeshwar 132KV	132/33 KV	31.5 MVA	04-06-2021
Subhasgram 220KV	132/33 KV	50 MVA	18-06-2021
Belmuri 132KV	132/33 KV	50 MVA	07-07-2021
Lalgola 132KV SS	132/33 KV	31.5 MVA	14-08-2021
Lalgola 132KV SS	132/33 KV	31.5 MVA	01-09-2021
Barasat 220KV SS	33/0.4 KV	ET	15-09-2021
Sainthia 132KV SS	132/33 KV	31.5 MVA	05-09-2021
Birpara 132KV SS	11/0.4 KV	SST	04-09-2021
Gangarampur 132KV	132/33 KV	31.5 MVA	26-02-2022

08/9/22
Sanjoy Kr. Dutta
Additional Chief Engineer
(O&M)-I, H.Q.,
WBSETCL

08/09/22
DIBYEN... (O&M)-I
DE (E)
WBSETCL

(67)

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

West Bengal State Electricity Transmission Company Limited
(A Govt. of W.B. Enterprise)

WBSETCL

Office of the Chief Engineer
State Load Despatch Centre (W.B.),
PO: Danesh Sk. Lane, Howrah – 711 109.

Memo No : SLDC/HOW/B-15/2022-23/62 Dated : 19.04.2022

Certificate

This is to certify that **50265.747** MU energy has been transmitted by WBSETCL in the year 2021-22.

19/04/2022
C.E., SLDC, WBSETCL

STATE LOAD DESPATCH CENTRE, WBSETCL

Average System Demand for Transmission system(In MW)

Season/Time of the day		Actual
		FY 2021-22
1	Summer	6570
2	Monsoon	6690
3	Winter	5103
	Yearly Average	6121

Note :

1. Average System Demand has been derived on the basis of average of the daily peak for the concerned period.
2. Summer Demand means average demand for the month of April, May, June of the year 2021 and March of the year 2022.
3. Monsoon demand means average demand for the month of July, August, September and October of the year 2021.
4. Winter demand means average demand for the month of Novembe: and December of the year 2021 and January and February of the year 2022.

28.04.22

A.C.E , SLDC, WBSETCL

Prepared by
M. Sarkar
28/04/22

69

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

SYSTEM AVILABILITY CALCULATION FOR THE YEAR 2021-2022

400 Kv Lines = 24 Nos.
220 Kv Lines = 96 Nos.
132 Kv Lines = 314 Nos.
66 Kv Lines = 17 Nos.
Total no. of EHT Lines = 451 Nos.
Total No. of EHV transformers = 490 Nos.
Total No of Bus reactors = 9 Nos.

A) Availability

1. 400 Kv Lines: Outage Period = 167.5833 Hrs.
Availability = [(8760*24) -167.5833] / (8760*24)
= 0.9992

2. 220 Kv Lines: Outage Period = 515.0667 Hrs.
Availability = [(8760*96)- 515.0667] / (8760*96)
= 0.9994

3. 132 Kv Lines: Outage Period = 2472.45 Hrs.
Availability = [(8760*314)- 2472.45] / (8760*314)
= 0.9991

4. 66 Kv Lines: Outage Period = 309.3167 Hrs.
Availability = [(8760*17)- 309.3167] / (8760*17)
= 0.9979

Average Availability of total 451 nos.of EHT lines: =
[(0.9992 *24) + (0.9994 *96) + (0. 9991 *314) + (0. 9979 *17] /
[24+96+314+17]
= [23.9808 +95.9424 + 313.7174 + 16.9643] / 451=450.6049/451=0.9991

B) Availability

EHT transformers: Outage Period = 3438.1667 hrs
Availability = [(8760*490) – 3438.1667] / (8760*490)
= **0. 9992**

C) Availability

Bus Reactors: Outage Period = NIL Hrs
Availability = [(8760*9)-0) / (8760*9)
= 1

WBSETCL System Availability : {(451 * 0.9991)+ (490 * 0.9992) + (9*1)} /
(451 +490 + 9)
= (450.5941 +489.608 + 9) / 950
= 99.92%

29/4/22

70

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

WBSETCL

West Bengal State Electricity Transmission Co. Ltd.
(A Govt. of West Bengal Enterprise)
CORPORATE HR&A DEPARTMENT
Registered Office: VidyutBhavan, Block–DJ, Sector–II, Bidhannagar, Kolkata–700091

SUB: MANPOWER STRENGTH OF WBSETCL AS ON 31.03.2022

Sl. No.	Name of the Department	I		II		III		IV		Total	
		Sanctioned	Existing	Sanctioned	Existing	Sanctioned	Existing	Sanctioned	Existing	Sanctioned	Existing
1	Corporate	105	86	12	5	71	63	29	2	217	156
2	O&M Department	646	306	748	663	1877	906	565	34	3836	1909
3	Projects Department	164	73	22	37	121	30	17	1	324	141
4	SLDC	31	23	10	9	2	6	7	1	50	39
5	Testing Department	74	37	5	15	56	18	20	0	155	70
6	Communication Department	24	12	17	1	16	22	4	0	61	35
7	On Deputation to Dept. of Power & NES and WB Electricity Regulatory Commission	0	3	0	0	0	1	0	0	0	4
Total		**1044**	**540**	**814**	**730**	**2143**	**1046**	**642**	**38**	**4643**	**2354**

Employee Strength during 2021-2022	Mar-2021	Apr-2021	May-2021	Jun-2021	Jul-2021	Aug-2021	Sep-2021	Oct-2021	Nov-2021	Dec-2021	Jan-2022	Feb-2022
	2445	2437	2435	2429	2420	2416	2409	2402	2394	2385	2369	2354

TELEPHONE/ FAX: (033) 2334 5879 E-Mail ID: corporate.hra@wbsetcl.in
CIN: U40101WB2007SGC113474, Website: www.wbsetcl.in

71

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CEI

ANNEXURE IV

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Annex-5

Form 5 (i) : VOLTAGE FLUCTUATION

	Period	First six months of previous year Percentage of time when Voltage was		Last six months of previous year Percentage of time when Voltage was		Corrrective Measures Proposed
		Below	Above	Below	Above	
	At 33 kV side of Transformer (take off point of 33 KV bus)	9%	6%	9%	6%	
		0.06%	2.56%	0.01%	2.66%	
	At EHT bus-66kV Bus	Below	Above	Below	Above	
		12.5%	10%	12.5%	10%	
		0.01%	3.07%	0.03%	6.04%	
	At EHT bus-132kV Bus	0.00%	0.16%	0.00%	0.14%	
	At EHT bus-220kV Bus	0.00%	0.01%	0.00%	0.00%	
	At EHT bus-400kV Bus	0.00%	2.11%	0.00%	0.23%	

27/09/22.
DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Annex-5

Form 5 (ii) : FREQUENCY EXCURSION

Period	First six months * of previous year Percentage of time when System Frequency was		Last six months ** of previous year Percentage of time when System Frequency was		First six month *** of current year Percentage of time when System Frequency was		Corrective measures proposed to maintain system frequency within limits
	Below	Above	Below	Above	Below	Above	
	48.5 C/S	51.5 C/S	48.5 C/S	51.5 C/S	48.5 C/S	51.5 C/S	
2021-22	NIL	NIL	NIL	NIL	NIL	NIL	The system frequency is now the frequency of pan-India grid. Corrective measures are taken in line with provisions in appropriate regulations and as advised by ERLDC/NLDC

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Annex-5

Form 5 (iv) : FAILURE OF TRANSFORMERS (NOS)

SL. NO.	PERIOD	First six months of previous year			Last six months of previous year					
	ITEMS	No of Failures	Total No. Installed	% Failure	No of Failures	Total No. Installed	% Failure			
1	EHT Transformers	7	508	2.44%	1	508	0.25%			
	i) AUTO	1	106	0.94%	0	106	0.00%			
	ii) POWER	6	402	1.49%	1	402	0.25%			
2	Power Transformers (HT)	0	185	0.00%	0	185	0.00%			

D. Adhikary 27/09/22

DIBYENDU ADHIKARY
DE (E) (O&M)-I
WBSETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CEI

Annex-5

Form 5 (v) : MAJOR SYSTEM DISTURBANCE (GRID DISTURBANCE)

Sl. No.	Period	First six months of previous year	Last six months of previous year	First six months of current year
1.	No. of occurrences	NIL	NIL	NIL
2.	Total duration of Interruption			
3.	Estimated unserved energy due to such interruptions			
	(Load Prior to the disturbance x No. of Hours of Interruption)			
4.	No. of occasions when system was isolated from the Region Grid due to system disturbance affecting power supply in the system			
5.	No. of occasions when system remained stable after being isolated from Grid due to system disturbance			
6.	Remedial Measures to prevent Grid system disturbance			

GOUTAM GUPTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Annex-5

Form 5 (vi) : ELECTRICAL ACCIDENTS

PERIOD	First six months of 2021-22				Last six months of 2021-22				Corrective Measures Proposed to Avoid Accidents
	No. of Accidents FATAL		No. of Accidents NON - FATAL		No. of Accidents FATAL		No. of Accidents NON - FATAL		
Items	Human	Animal	Human	Animal	Human	Animal	Human	Animal	
Company Employee	NIL	NIL	2	NIL	NIL	NIL	1	NIL	
									Enquiry Report Submitted
Contractor Labour							1		
							WBSEDCL		

SHRI. ASHIM KUMAR HALDER
Additional Chief Engineer
Corporate Safety Cell
WESETCL

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Form 5(x) : Status of Demand

(Including supply of Power to CESC)

Sl. No	Month - Year	Average of Daily Peak Demand (inclusive of load shedding)	Average of Daily Peak Demand met	Shortfall	Reasons
		MW	MW	MW	
		(1)	(2)	(1) - (2)	
A	ACTUAL				
	FY 2021-22				
1	April	7229.00	7225.00	4.00	
9	May	6152.00	6143.00	9.00	
10	June	6467.00	6463.00	4.00	
11	July	6896.00	6894.00	2.00	
12	August	6932.00	6931.00	1.00	
13	September	6600.00	6598.00	2.00	
14	October	6334.00	6331.00	3.00	
15	November	5111.00	5111.00	0.00	
16	December	4952.00	4952.00	0.00	
17	January	5154.00	5154.00	0.00	
18	Feberuary	5196.00	5195.00	1.00	
19	March	6431.00	6429.00	2.00	

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

ANNEXURE V

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

Particulars	As per Audited Annual Accounts		Form E(T)	
	Heading	As depicted in	Heading	Amount
	Manpower			
Employee Cost	Salaries		Salaries	13403.43
	Terminal Benefits	37814.12	Terminal Benefits	13288.01
			Other Comprehensive Income	11122.68
	Sub-Total	*37814.12*	*Sub-Total*	*37814.12*
	Outsourced			
Administrative & General Expense	Security Charges	2547.55	Security Charges	2547.55
	Vehicle Charges	1438.63	Vehicle Charges	1438.63
	Total Outsourcing Expense	*3986.18*	*Total Outsourcing Expense*	*3986.18*
	Other Expenses			
	License Fees	213.68	License/ Filing Fees to WBERC	286.55
	Fees for Filing Petitions	72.87		
	Consultancy Charges	48.37	Consultancy Charges	48.37
	Rent	148.68	Rent	148.68
	Rates and Taxes	130.70	Rates and Taxes	130.70
	Scrapped Assets Written Off	0.00	Scrapped Assets Written Off	0.00
	Legal Charges	45.83	Legal Charges	45.83
	Auditors Fees	17.81	Auditors Fees	86.09
	Insurance Premium	0.00	Insurance Premium	0.00
	Service Tax and Entry Tax	38.37	Service Tax and Entry Tax	38.37
	Others	1793.93	Others	1642.37
	Sub-Total- A	2510.24	Sub-Total- A	2426.95
	Less: Administrative and General Expenses Ca	-293.10	Less: Administrative and General Expenses Capitalised	-293.10
			Prior Period Administrative Charge-D	0.00
	Sub-total ... (A+B)=C	2217.14		2133.85
	Other Charges Payable			
Other Heads of Expenses				
	ULDC Charges	119.68	ULDC Charges	119.68
	ERPC Charges	16.00	Various Charges ERPC	16.00
	Transmission Charges (WBPDCL)	1539.93	Other Cost (WBPDCL)	1539.93
	Sub-total ... D		Sub-total ... D	
	Sub-Total---- (C+D)=E	1675.61	Sub-Total---- (C+D)=E	1675.61
	R&M Expense			
Repair and Maintenance Charge	Plant and Machinery	5841.32		
	Buildings	2479.61	Repair and Maintenance Charge	9046.13
	Others	725.21		
	Total	9046.13	Total	9046.13
	Income Tax			
Income Tax	income Tax as per Cash Flow Statement	16,075.17	Income Tax	16075.17
	Depreciation			
Depreciation	Depreciation and Related Debits	30251.60	Depreciation	30251.59
	Financing Cost			
Interest and Finance Charges	Net Interest Expense		Net Interest Expense	
	a)Interest on Capital Loan		Interest Claimed (Considering Interest Capitalized)	35270.97
	b)Interest on Working Capital Loan		Interest on Working Capital Loan	699.97
	C)Interest on Bondfor Creation of Pension Fur	31700.01	Interest on Bondfor Creation of Pension Fund	0.00
	Sub-Total Interest	31700.01	Sub-Total --- A	35970.94
	Other Financing Chages	38.37	Other Borrowing Costs (incl Bank Charges)	38.37
	Less: Interest Capitalized during the Year	5,233.61	Less: Int on Normative Loan Outside Accounts---C	-9492.19
			Excess of Actual WC over Interest on WC	
	Sub-total-------C	26504.77	Sub-total-------D	26517.13
Other Income	***Other Incomes***			
	Interest on FD	1801.70	Interest on FDs against SLDC	976.33
			Interest on Other FDs	825.37
	Transfer to Unforeseen Exigencies Fund	589.26	Others	589.26
	Sub-total	2390.96	Sub-Total	2390.96
Revenue from Operations	STOA Charges	31129.87	STOA Charges	31129.87
SLDC Handling Charges	SLDC Handling Charges	2571.60	Scheduling and SLDC Charges	2571.60
	Operating and Scheduling Charges			
	Sub-Total	36092.43	Sub-Total	36092.43

80

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

ANNEXURE VI

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

WEST BENGAL STATE ELECTRICITY TRANSMISSION COMPANY LIMITED
(A Govt. of West Bengal Enterprise)

WBSETCL

Vidyut Bhavan, Block – DJ, Sector – II, Bidhannagar, Pin – 700 091

Gist of Annual Performance Review (APR) Application for FY 2021-22

1. West Bengal State Electricity Transmission Company Limited (WBSETCL) has made an application before the West Bengal Electricity Regulatory Commission (Commission) for Annual Performance Review (APR) for FY 2021-22 and the APR application has been admitted by the Commission on _____

2. Gist of APR application is as follows:

   Gross fixed cost as claimed by WBSETCL for FY 2021-22 is INR 164874.12 lakhs. WBSETCL has proposed an adjustment of INR 30761.93 lakhs which may be passed in the ARR of FY 2023-24 to FY 2025-26 along with the APR adjustment for the period FY 2020-21, as deemed fit by the Hon'ble Commission.

3. Application submitted by West Bengal State Electricity Transmission Company Limited (WBSETCL) may be inspected at the office of the Commission at Plot No: AH/5 (2nd Floor & 4th Floor) Premises No: MAR 16-1111, Action Area – 1A, Newtown, Rajarhat, Kolkata – 700163 [Telephone No. (033) 2962 3756 and FAX (033) 2962 3757, e-mail: cp-wberc@gov.in] and certified copies of the application or part thereof may be obtained from the office of the Commission during office hours on all working days upto _____

4. The APR application has been posted on the website of WBSETCL at www.wbsetcl.in.

5. The suggestions and objections, if any, on the proposals contained in the application may be submitted at the office of the Commission mentioned above by _____.

6. This gist has been published with the approval of the Commission.

Place: Kolkata
Date:

Addl. Chief Engineer
Regulatory Affairs Cell

GOUTAM DUTTA
ADDL. CHIEF ENGINEER
REGULATORY AFFAIRS CELL

82