



**PETITION FOR
ARR AND TARIFF DETERMINATION FOR FY 2025-26
AND
TRUE UP FOR FY 2023-24**

Submitted by

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

A handwritten signature in blue ink, appearing to be 'J. Singh', written over a horizontal line.

BEFORE THE PUNJAB STATE ELECTRICITY REGULATORY COMMISSION

CHANDIGARH



PETITION NO.

Case No.....

IN THE MATTER OF: Filing of the Petition for the approval of True up of ARR for FY 2023-24 for Transmission Business and SLDC, and; approval of Revised forecast of ARR and determination of Tariff for Transmission Business and SLDC for FY 2025-26 under Section 62, 64 and 86 of the Electricity Act, 2003 read with Regulation 10 to 12 of PSERC (Terms and Conditions of Determination of Generation, Transmission, Wheeling and Retail Supply Tariff) Regulations, 2022 as amended from time to time.

AND

IN THE MATTER OF: Punjab State Transmission Corporation Limited
Regd. Office: PSEB Head Office, The Mall, Patiala -147001

MOST RESPECTFULLY SHOWETH:

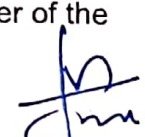
I, Vikas Singla, son of Sh. Rakesh Kumar Singla aged 43 residing at Patiala do hereby solemnly affirms and state as follows:

I am the Chief Accounts Officer (Finance & Audit) of Punjab State Transmission Corporation Limited, the petitioner in the above matter and am duly authorized by the Corporation to make this affidavit on its behalf.

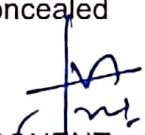
The statement made in Chapter 1 to 6 of the petition are based on the information collected from the concerned offices of the PSTCL and believe them to be true to my knowledge.

There is no case pending in any court of law with regards to the subject matter of the petition.

The Contents of the affidavit documents have been read over to the documents. He/she has accepted the true & correct.


DEPONENT
(Vikas Singla)

I, the deponent named above do hereby verify that the content of my above affidavit is true to my knowledge and belief and nothing material has been concealed therefrom.


DEPONENT
(Vikas Singla)

Place: Patiala

Attested As Identified

Notary (Govt. of India)
DISTT. PATIALA (PB)

26 NOV 2024

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1 Introduction

1.1 Background

The Punjab State Transmission Corporation Limited (hereinafter referred to as PSTCL or the Petitioner) is a transmission licensee for transmission of electricity in the areas as notified by the Government of Punjab vide Notification No. 1/9/08-EB(PR) 196 dated April 16, 2010. PSTCL is vested with the function of intra-State transmission of electricity in the State of Punjab and the operation of State Load Despatch Centre (SLDC). Further, in terms of Section 39 of the Act, the Government of Punjab notified PSTCL as the State Transmission Utility (STU).

1.2 Overview

The Hon'ble Punjab State Electricity Regulatory Commission ("the Commission" or "PSERC") has notified the PSERC (Terms and Conditions for Determination of Generation, Transmission, Wheeling and Retail Supply Tariff) Regulations, 2022 (hereinafter referred to as "PSERC MYT Regulations, 2022") on October 27th, 2022 in exercise of powers conferred on it. Hon'ble Commission also notified Four (4) amendments in PSERC MYT Regulations, 2022 on 6th March 2023, & 2nd June 2023, 6th December 2023 & 17th September 2024. As per Hon'ble Commission's notification dated October 27, 2022, the effective date of enforcement of these Regulations is April 1, 2023 and three-year Multi Year Tariff ("MYT") Control Period is from FY 2023-24 to FY 2025-26.

Now, in view of the above, PSTCL files the present ARR & Tariff Petition for FY 2025-26 based on Projections as per PSERC MYT Regulations, 2022 along with True up of ARR for FY 2023-24.

1.3 Contents of the Petition

The present Petition consists of following Chapters as outlined below:

Chapter 1 - Introduction (present Chapter)



Chapter 2 - True-up of ARR for FY 2023-24: In this Chapter, the Petitioner submits the ARR for Transmission Business and SLDC, based on the actual expenses and income as per the audited annual accounts for FY 2023-24 and in line with PSERC MYT Regulations, 2022. In this Chapter, the Petitioner has also presented its submissions regarding certain critical aspects influencing the true-up of expenses for FY 2023-24.

Chapter 3 - Revised ARR for FY 2025-26: In this Chapter, the Petitioner has submitted the Revised ARR for Transmission Business and SLDC for FY 2025-26 in line with PSERC MYT Regulations, 2022. In this Chapter, the Petitioner has also presented its submissions regarding certain critical aspects influencing the determination of ARR for FY 2025-26.

Chapter 4 - Proposed Tariff for FY 2025-26: In this Chapter, the Petitioner has submitted the proposed Tariff for Transmission Business and SLDC for FY 2025-26, considering the projected ARR for FY 2025-26 and past impacts & revenue gaps.

Chapter 5 - Prayer: This Chapter details the prayer made by PSTCL in the present Petition.

Chapter 6 - Directives: This Chapter includes the status and compliance of directives issued by the Hon'ble Commission in the past Tariff Orders.



2 True-up of ARR for FY 2023-24

2.1 Background

- The Hon'ble Commission in its Tariff Order dated May 15th, 2023 approved total Aggregate Revenue Requirement (ARR) for PSTCL of Rs. 1592.03 Crore, including Net ARR of Rs. 29.32 Crore for SLDC for FY 2023-24.
- In the present Petition, the Petitioner has submitted the True-up for FY 2023-24 based on the audited accounts for FY 2023-24. The Petitioner also submits its rationale for the key heads of expenditure, which critically impact its overall financial health. This Chapter further describes the various components of ARR as well as the performance of PSTCL during FY 2023-24 for Transmission business and SLDC. The copy of Audited Accounts for FY 2023-24 is as per **Annexure I** of this Petition.

2.2 Description of Transmission System

- The details of the transmission system of PSTCL as on April 1, 2023 to March 31st, 2024 are tabulated below:

Table 1: Transmission System of PSTCL during FY 2023-24

Sr. No.	Particulars	Opening (As on 1 st April 2023)	Addition during the year	Retirement during the year	Closing (As on 31 st March 2024)
Transmission Lines (Circuit-kms)					
1	400 kV	1,666.43	7.76	0	1,674.19
2	220 kV	7,925.30	86.87	0	8,012.17
3	132 kV	3,109.14	-	0	3,109.14
	Total	12,700.87	94.63	0	12,795.50
Substations (Nos.)					
1	400 kV	7	0	0	7
2	220 kV	103	1	0	104

Table 1: Transmission System of PSTCL during FY 2023-24

Sr. No.	Particulars	Opening (As on 1 st April 2023)	Addition during the year	Retirement during the year	Closing (As on 31 st March 2024)
3	132 kV	64	0	0	64
	Total	174	1	0	175
Transmission Substation Bays (Nos.)					
1	400 kV	89	6	0	95
2	220 kV	751	13	0	764
3	132 kV	529	3	0	532
	Total	1,369	22	0	1,391
Substation Capacity (MVA)					
1	Substation Capacity	41,231.17	1,342.00	0	42,573.17

2.3 Transmission System Availability

- The Petitioner submits the overall Transmission System Availability for FY 2023-24, as certified by Chief Engineer SLDC, **(copy attached as per Annexure - II)**. The following table provides the Transmission System availability for each month of FY 2023-24.

Table 2: Transmission System Availability for FY 2023-24

Sr No.	Month	TS Availability (%)
1	Apr-23	99.9072%
2	May-23	99.8909%
3	Jun-23	99.7253%
4	Jul-23	99.9076%
5	Aug-23	99.7514%
6	Sep-23	99.8843%
7	Oct-23	99.9297%
8	Nov-23	99.9598%
9	Dec-23	99.8124%

Table 2: Transmission System Availability for FY 2023-24

Sr No.	Month	TS Availability (%)
10	Jan-24	99.8377%
11	Feb-24	99.9312%
12	Mar-24	99.9182%
	TOTAL	99.8678%

2.4 Transmission Losses

The Petitioner submits that the Actual Transmission losses (Month wise) for FY 2023-24 as certified by Chief Engineer SLDC (copy attached as per Annexure – II) are as per following table: -

Table 3: Actual Transmission Loss for FY 2023-24

Sr No.	Month	Energy inflow (in MWh) (A)	Energy outflow (in MWh) (B)	Transmission Losses=A-B	TS Loss (%age)
1	Apr-23	3863174.37	3779551.26	83623.10	2.16%
2	May-23	4867987.65	4769149.83	98837.81	2.03%
3	Jun-23	6586173.98	6450462.76	135711.23	2.06%
4	Jul-23	7810204.61	7634004.95	176199.66	2.26%
5	Aug-23	9095633.75	8894400.71	201233.03	2.21%
6	Sep-23	7542826.64	7379687.11	163139.53	2.16%
7	Oct-23	4922986.67	4808307.52	114679.15	2.33%
8	Nov-23	3541547.21	3453899.27	87647.94	2.47%
9	Dec-23	3992474.28	3893597.32	98876.96	2.48%
10	Jan-24	4543931.18	4430312.59	113618.59	2.50%
11	Feb-24	4139333.01	4044023.37	95309.64	2.30%
12	Mar-24	4284342.19	4191484.29	92857.90	2.17%
13	Total	65190615.54	63728880.99	1461734.55	2.24%



- Hon'ble Commission had approved the Transmission Loss target of 2.25% for FY 2023-24 in Tariff Order for FY 2024-25. Whereas, actual Transmission Loss of PSTCL during FY 2023-24 is 2.24% against the target of 2.25%.
- The relevant sections of PSERC MYT Regulations, 2022 dealing with Gain/ Loss on account of Transmission losses are inter alia reproduced below for reference:

"53. TRANSMISSION LOSS

... ..

53.3 *The Commission may stipulate a trajectory for Transmission Loss in accordance with Regulation 4.4(c) as part of the Multi-Year Tariff framework applicable to the Transmission Licensee:*

Provided further that any variation between the actual level of Transmission Loss, as determined by the State Load Despatch Centre and the approved level shall be subject to provisions of Regulation 29:

Provided further that any gain / loss sharing with the Transmission Licensee on account of over-achievement/under-achievement of the Transmission Loss trajectory specified by the Commission, shall be capped to the Return on Equity earned by the Transmission Licensee for the respective year.

"29. SHARING OF GAINS AND LOSSES ON ACCOUNT OF CONTROLLABLE AND UNCONTROLLABLE FACTORS

...

29.3. *The approved aggregate gain and loss to the Applicant on account of controllable factors shall be dealt with in the following manner:*

(a) 50% of such gain shall be passed on to consumer over such period as may be specified in the Order of the Commission;

(b) The balance amount of such gain shall be allowed to be retained by the Applicant;

(c) Loss, if any, will be borne by the Applicant.

- Accordingly, PSTCL has claimed its share of over-achievement of Transmission loss trajectory. The calculations of gain on over achievement of TS Loss target are based on the Short-Term Power Purchase rate provided by the office of CE/PPR, PSPCL, as per below table: -

Table 4: Calculation of Short-Term Power Purchase Rate for FY 2023-24

Sr. No.	Particulars	(Amount/Units)
1	Short Term Power Purchase including through exchange (Rs. in crores)	3,028
2	Energy Purchase in units (MU)	6,272
3	Short Term Power Purchase Rate Per unit (Rs. /Unit)	4.83

- Gain on over achievement of TS Loss target are, as under: -

Table 5: Gain on Account of Over Achievement of TS loss Target

Sr. No.	Particulars	(Rs. /Units)
1	Energy Inflow (in MU)	65,190.62
2	Transmission Loss Trajectory for FY 2023-24	2.25%
3	Target Transmission Loss (MU) (65190.62 X 2.25%) (A)	1466.79
4	Actual Transmission Loss (in MU) (B)	1,461.73
5	Over-Achievement (in MU) (A-B)	5.05
6	Short-term power purchase rate (Rs./kwh)	4.83
7	Gain on account of Over-achievement of Target $\{(5.05 \times 10^6) \times 4.83\} / 10^7$	2.44
8	50% Share of PSTCL as per Regulation 29 (Rs crore)	1.22

PSTCL requests the Hon'ble Commission to approve the amount of Rs. 1.22 crore as gain on over achievement of Transmission Loss Trajectory specified by Hon'ble Commission for FY 2023-24.



2.5 Operation & Maintenance Expenses

Regulation 25 of PSERC MYT Regulations, 2022, provides for methodology for computation of normative O&M expenses. The relevant extracts of PSERC MYT Regulations, 2022 inter alia specifies as under:

“25. OPERATION AND MAINTENANCE (O&M) EXPENSES)

“25.1. The O&M expenses for the nth year of the Control Period shall be approved based on the formula shown below:

$$O\&M_n = (R\&M_n + EMP_n + A\&G_n) \times (1 - X_n)$$

Where,

(i) $R\&M_n = K \times GFA \times WPI_n / WPI_{n-1}$

...

(ii) $EMP_n + A\&G_n = (EMP_{n-1} + A\&G_{n-1}) \times (INDEX_n / INDEX_{n-1})$

...

Note 1: The O&M expenses of BBMB for the entire Control Period shall be projected separately based on the latest actual payout. The Commission shall true-up the O&M expenses of BBMB during the Annual Performance Review based on the actual payout. The O&M expense of BBMB shall be treated as uncontrollable cost item. However, when CERC determines the tariff in respect of generating plants/units of BBMB, the Commission shall consider the same

Note 2: For the purpose of estimation, the same WPI_n and CPI_n values shall be used for all years of the Control Period. However, the Commission will consider the actual values of the WPI_n and CPI_n at the end of each year during the Annual Performance Review exercise and True-up the R&M Expenses, Employee Cost and A&G Expenses on account of this variation.



Note 3: O&M expense shall be allowed on normative basis or actual whichever is lower and shall be trued-up only to the account of variation in Wholesale Price Index and Consumer Price Index.

Note 4: Terminal Liabilities such as death-cum-retirement gratuity, Ex-Gratia, pension including family pension, commuted pension, leave encashment, LTC, medical reimbursement including fixed medical allowance in respect of the State PSU / Government pensioners will be approved as per the actuals paid by the Applicant.

Note 5: O&M expenses made on account of extraordinary situations (if any) shall be submitted to Commission for its approval. Such expenses shall be filed separately and will not be subjected to provisions of Regulation 29. The amount approved by the Commission shall be trued up in the Annual Performance Review.

Note 6: Exceptional increase in employee cost on account of Pay Commission based revision for State PSU / Government employees will be considered separately by the Commission.

Note 7: Any expenditure on account of license fee, initial or renewal, fee for determination of tariff and audit fee shall be allowed on actual basis, over and above the A&G expenses approved by the Commission.

Note 8: O&M expenses of assets taken on lease/hire-purchase and those created out of the consumers' contribution shall be considered in case the Generating Company or the Licensee has the responsibility for its operation and maintenance and bears O&M expenses.

Note 9: With regard to unfunded past liabilities of pension and gratuity, the Commission will follow the principle of 'pay as you go'. The Commission shall not allow any other amount towards creating fund for meeting unfunded past liability of pension and gratuity.



Note 10: O&M expenses for gross fixed assets added during the year, if not accounted already, shall be considered from the date of commissioning on pro-rata basis.

(iii) X_n is an efficiency factor for n th year

The Value of X_n shall be determined by the Commission in its MYT order for the Control Period."

In view of above said Regulation, PSTCL makes its submission of Employee Costs, R&M and A&G Expenses as under:

2.5.1 Employee Costs

- In the Tariff Order for FY 2023-24, the Hon'ble Commission had approved employee costs of Rs. 739.59 Crore for Transmission and Rs. 9.88 Crore for SLDC.

A. Terminal Benefits

- The following table shows the actual amount of Terminal Benefits for FY 2023-24.

Table 6: Actual Employee Terminal Benefits for FY 2023-24 (Rs. crore)


Sr No.	Particulars	STU	SLDC	PSTCL
1	Share of Pension, Gratuity and Medical	499.35	0.00	499.35
2	Share of Leave Encashment	37.71	0	37.71
3	NPS CPF, PF, LWF	16.65	0.62	17.27
4	Gratuity & Leave Encashment Paid to Employee's Recruited by PSTCL	0.07	0.00	0.07
5	Total Employee Terminal Benefits Cost	553.77	0.62	554.39
6	Add: Additional Share of Pension etc intimated by PSPCL after finalization of accounts of FY 2023-24	20.47	0.00 	20.47

Table 6: Actual Employee Terminal Benefits for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
7	Less: Additional Share of Pension of FY 2023-24 already claimed in True up of FY 2022-23	0.05	0.00	0.05
8	Total Actual Employee Terminal Benefits Cost	574.18	0.62	574.80

B. Calculation of Normative other Employee Cost

- PSTCL has considered the base figures of FY 2022-23 as per Actual Audited Accounts after excluding the extra-ordinary non-recurring expenditures of Rs. 14.89 crore on account of Impact of Pay revision related to FY 2021-22 paid in FY 2022-23. Baseline other employee cost for FY 2023-24 is as under:-

Table 7: Actual Audited Other Employee Cost for FY 2022-23 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Total Employee Cost	773.20	7.90	781.10
2	Less: Terminal Benefits	540.41	0.45	540.86
3	Actual Other Employee Cost for FY 2022-23	232.78	7.45	240.24
4	Less: Impact of Pay revision relates to FY 2021-22 paid in FY 2022-23	13.96	0.93	14.89
5	Baseline Other Employee Cost for FY 2022-23	218.83	6.52	225.35

- PSTCL has considered the month wise data of Wholesale Price Index (All Commodity) Base year 2011-12 and Consumer Price Index (Industrial Workers) Base year 2016 as issued by Government of India on its official websites For Calculation of Indexation during FY 2023-24, which is as follows: -



Table 8: Calculation of Index of FY 2023-24

Sr No.	Particulars	FY 2022-23	FY 2023-24	Increase (%)
1	CPI (Month Wise Average)	131.12	137.92	5.19%
2	WPI (Month Wise Average)	152.53	151.42	-0.73%
3	Index (CPI: WPI: 50:50)	-	-	2.23%

- The Petitioner has considered the computation of Normative Employee cost on the basis of net amount after adjustment of expenses capitalised instead of gross amount in line with the approach adopted by the Hon'ble Commission without prejudice to the outcome of appeals filed by PSTCL with the Hon'ble APTEL. The effect of the same may be considered by the Hon'ble Commission if the matter is ruled in favour of PSTCL.
- Additional Employee Cost for Extraordinary Items**

PSTCL further requests the Hon'ble Commission to allow the following expenditure additionally: -

- I. PSTCL has commissioned 220 KV S/s Ultra Tech, Patiala in FY 2023-24, It's employee cost is not included in baseline expenditure and has been claimed separately by PSTCL during FY 2023-24 amounting to Rs. 1.03 crore.
- II. 400 KV S/s Dhanansu was Commissioned in March, 2023. During, FY 2022-23, employee cost of 400 KV S/s Dhanansu was claimed for one month only i.e. March 2023 and that employee cost for one month is already included in base employee expenses. Therefore, PSTCL claims additional employee cost for 11 months of 400 KV S/s Dhanansu amounting to Rs. 1.93 crore.
- III. Huge vacancies are lying vacant in PSTCL. During the FY 2023-24, PSTCL has recruited some new employees, whose costs is not included in the baseline expenses. Therefore, PSTCL additionally claims the employee cost amounting to Rs. 5.51 crore for the newly recruited employees.
- IV. Manpower requirement for SAMAST scheme

Due to commissioning of SAMAST project in mid of the FY 2023-24, the employee cost for six months amounting to Rs. 1.42 crore has been considered additionally for FY 2023-24.

- V. PSTCL would like to inform that, as per Punjab Government Rules, newly recruited employees are paid only Basic Pay during their probation period, which lasts for 3 years. For employees recruited in FY 2020-21, the probation period ended in FY 2023-24. Upon regularization, these employees are entitled to their full salary instead of just the basic pay. Therefore, PSTCL has claimed an additional cost of Rs. 0.40 crore for the increased salary resulting from the regularization of these employees during FY 2023-24.

The impact of above facts is as per the following table: -

Table 9: Employee Cost for Extra-ordinary items FY 2023-24 (Rs crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Employee Cost for New Recruitment	5.51	0.00	5.51
2	Employee Cost for SAMAST Project	0.00	1.42	1.42
3	Employee Cost for Regularization of Newly Recruited Employees	0.40	0.00	0.40
4	Employee Cost for 220 KV New Sub Stations (220 KV Ultra Tech, Patiala)	1.03	0.00	1.03
5	Employee Cost for 400 KV Dhanansu (11 months)	1.93	0.00	1.93
6	Additional Employee Cost for extra-ordinary items	8.87	1.42	10.29

- Normative Other Employee Cost of PSTCL is as follow:-

Table 10: Normative Other Employee Cost for FY 2023-24 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Baseline Other Employee Cost (Table - 7)	218.83	6.52	225.35
2	Escalation Factor (CPI:WPI: 50:50)	2.23%	2.23%	

Table 10: Normative Other Employee Cost for FY 2023-24 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
3	Normative Employee Cost for FY 2023-24	223.71	6.67	230.38
4	Add: Additional Employee Cost for extraordinary items (Table -9)	8.87	1.42	10.29
5	Normative Employee Cost for FY 2023-24	232.58	8.09	240.66

Actual Other Employee Cost as per Audited Accounts for FY 2023-24

Calculation of Actual Other Employee Cost is as under:-

Table 11: Actual Other Employee Cost for FY 2023-24 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Total Employee Cost excluding provision	769.74	8.39	778.13
2	Less: Terminal Benefits excluding provision for gratuity, leave encashment etc.	553.71	0.62	554.33
3	Actual Other Employee Cost for FY 2023-24	216.03	7.77	223.81

Table 12: Employee Cost of PSTCL for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Employee Terminal Benefits (Table -6)	574.18	0.62	574.80
2	Other Employee Cost (Table - 11)	216.03	7.77	223.81
3	Normative Employee Cost for FY 2023-24	790.22	8.39	798.61

As per PSERC MYT Regulations, 2022, PSTCL requests the Hon'ble Commission to approve the total employee cost amounting to Rs. 790.22 Crore for STU and Rs. 8.39 crore for SLDC.

2.5.2 Computation of Normative A&G Expenses

- The Hon'ble Commission in its Tariff Order dated May 15, 2023, approved A&G Expenses of Rs. 29.40 Crore for Transmission business and Rs. 0.70 Crore for SLDC for FY 2023-24.
- PSTCL has also considered the additional A&G expenses on account of assets added during the year on average basis, as per the MYT Regulations, 2022. To calculate the additional A&G expenses, PSTCL has determined the percentage of A&G expenses to Gross Fixed Assets (GFA) for FY 2022-23.
- Baseline expenditure includes the expense on account of assets added during the previous year on an average basis. Hence, the base has to be updated for full year for the additions made during the previous year to be a true reflective for calculations of A&G expense during the relevant year.

Table 13: Calculation of %age of A&G expenses with GFA (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening GFA as on 01.04.2022	10655.50	28.89	10684.39
2	Add: Addition to GFA	259.83	4.99	264.82
3	Less: Retirement to GFA	19.70	0.00	19.71
4	Closing GFA as on 31.03.2023	10895.62	33.87	10929.50
5	Average GFA for FY 2022-23	10775.56	31.38	10806.94
6	Actual A & G expenditure for 2022-23	26.26	0.73	26.99
7	%age of A&G w.r.t GFA	0.244%	2.326%	

- Lease charges amounting to Rs. 0.83 crore have been accounted for under Interest & Finance charges in the books of accounts of PSTCL in compliance with Ind AS issued by The Institute of Chartered Accountants of India. However, as per PSERC MYT Regulations, 2022 lease charges are part of A & G expenses. As per Audited Financial Accounts for FY 2022-23, lease charges are not included in A & G expense. Therefore, not being a part of base A & G



expenses, PSTCL requests the Hon'ble Commission to allow the Lease charges under A & G expenses separately.

- **Extraordinary A & G Expense**
- In addition, to the A & G expenses escalated on baseline expenditure, PSTCL also claims some extra ordinary expenses of A & G expenses, which are not included in baseline expenditure.
- During the FY 2023-24, certain expenses related to Consultancy Charges, Specialized Training and Travelling etc. were incurred in addition to the baseline A & G expenses of FY 2022-23 for the smooth functioning of SLDC.
- Extra Ordinary A & G expenses are as under:-

Table 14: Extraordinary A & G Expenses incurred during FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Consultancy Charges for Obtaining ISO-27001 certification	0.00	0.06	0.06
2	Specialized Training & Travelling expenses to Employees	0.00	0.14	0.14
3	Electricity expenses on account of SAMAST Project	0.00	0.12	0.12
4	Legal Charges on account of Court Cases/Petition	0.00	0.08	0.08
5	Total Extra-ordinary A & G during FY 2023-24	0.00	0.41	0.41

Considering the above, Normative A & G expenses of PSTCL is as under:-

Table 15: Normative A & G Expenses for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Net Asset added during FY 2023-24 (A)	403.85	2.74	406.59
2	%age of A&G w.r.t GFA (B)	0.244%	2.326%	
3	Additional A&G expenses on account of average asset addition during FY 2023-24. (A X B) = (C)	0.49	0.03	0.52
4	A & G Expenses for FY 2022-23 (D)	26.26	0.73	26.99

Table 15: Normative A & G Expenses for FY 2023-24

(Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
5	Add : A & G Expenses for assets addition during the FY 2022-23 (not included in base expenses) ('E)	0.29	0.06	0.35
6	Baseline A & G Expense (D X E) =F	26.56	0.79	27.35
7	Escalation Factor (CPI:WPI: 50:50)	2.23%	2.23%	
8	Escalated A&G expenses for FY 2023-24 (G)	27.15	0.81	27.96
9	Total A & G Expenses for FY 2023-24 (C + G)	27.64	0.84	28.48
10	Add: Audit fee (76.122)	0.05	0.00	0.05
11	Add: License & Petition fee (76.129)	0.52	0.00	0.52
12	Add: Lease Charges (78.859)	0.83	0.00	0.83
13	Extraordinary A & G Expenses incurred during FY 2023-24	0.00	0.41	0.41
14	Normative A&G Expenses	29.04	1.25	30.28

Actual A & G Expenses as per Audited Accounts for FY 2023-24 including lease rental charges are Rs. 27.37 (26.54 + 0.83) crore for STU and Rs. 1.11 crore for SLDC.

PSTCL requests the Hon'ble Commission to approve the actual A & G expenses being lower than normative amounting to Rs. 27.37 Crore for STU and Rs. 1.11 crore for SLDC.

2.5.3 Computation of Normative R & M Expenses

- The Hon'ble Commission in its Tariff Order dated May 15, 2023, approved R&M Expenses of Rs. 41.79 Crore for Transmission business and Rs. 3.82 Crore for SLDC for FY 2023-24.



- In this Petition, for computation of Normative R&M expenses, PSTCL has considered the “K” Factor as determined by the Hon’ble Commission which is constant for the 3rd Control Period as per PSERC MYT Regulations, 2022.
- **Extraordinary R & M Expense**
 - I. In addition, to the R & M expenses escalated on baseline expenditure, PSTCL also claims some extra ordinary expenses of R & M expenses, which are not included in the baseline expenditure.
 - II. PSTCL has taken over 220 KV sub-station at G.N.D.T.P Bathinda. A huge R&M expense has been incurred during FY 2023-24 to bring it at par with other sub-stations. These expenditures were not in baseline expenditure for FY 2022-23.
 - III. Further, PSTCL has also replaced the breakers etc. older than 25 years. Other Extra Ordinary R & M are as under:-

Table 16: Extraordinary R&M Expenses incurred during FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Additional R & M expense for replacement of panels/relays at G.N.D.T.P Sub-station, Bathinda	1.13	0.00	1.13
2	Expenditure for dismantling, dragging, packaging, loading, transportation & inspection of 315 MVA 400/220/33 KV Siemens make ICT Sr no 130048	1.58	0.00	1.58
3	Additional expenditure at 220 KV Substations - Lalton Kalan (CKt 1 & 2) and Sahnewal for smooth working of HTLS Conductor	0.28	0.00	0.28
4	Additional expenditure of 66 KV phase 7 bay at P&m Dhandari Kalan	0.09	0.00	0.09

Table 16: Extraordinary R&M Expenses incurred during FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
5	Additional expenditure of Bay equipment of 66 KV Talwara Line 1 & 2 and 66 KV Bansal Alloy	0.34	0.00	0.34
6	Additional expenditure to HTLS and bay elements at 66 KV Malot Road (Ckt 1 & 2) lines	0.16	0.00	0.16
7	Additional Expenditure on Change/replacement of breakers etc. older than 25 years under P & M Division Ablowal	1.44	0.00	1.44
8	Additional Expenditure on erection of Towers fallen due to storm at 400 KV s/s Bhalwan, Dhuri	1.37	0.00	1.37
9	Total Extra-ordinary R & M during FY 2023-24	6.39	0.00	6.39

- As per Data released by Department of Economics Affairs/GOI, WPI index has been decreased by 0.73% since last year. However, there is no reduction in repairing/servicing cost since last year. Moreover, WPI does not capture the service portion. Hence, It is humbly requested to the Hon'ble Commission that negative escalation factor should not be considered while calculating the normative R & M expenses.
- Accordingly, the R&M expenses for FY 2023-24 are submitted as under: -

Table 17: Normative R & M Expenses for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening GFA as on 01.04.2023	10895.62	33.88	10929.50
2	Add: Addition to GFA	438.80	2.74	441.54

Table 17: Normative R & M Expenses for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
3	Less: Retirement to GFA	34.95	0.00	34.95
4	Closing GFA as on 31.03.2024	11299.47	36.62	11336.09
5	Average GFA for FY 2023-24	11097.54	35.25	11132.79
6	K - Factor (Determined by PSERC)	0.32371%	2.71243%	
7	Normative R&M Expenses for FY 2023-24	35.92	0.96	36.88
8	Extraordinary R&M Expenses incurred during FY 2023-24	6.39	0.00	6.39
9	Total Normative R & M Expenses for FY 2023-24	42.32	0.96	43.27

Actual R & M Expenses as per Audited Accounts for FY 2023-24 is Rs. 40.57 crore for STU and Rs. 0.85 crore for SLDC.

PSTCL requests the Hon'ble Commission to approve the actual R & M expenses being lower than normative amounting to Rs. 40.57 Crore for STU and Rs. 0.85 crore for SLDC.

2.6 Capital Investment and Funding

- The Petitioner had made an Investment of Rs. 468.16 crore including directly added assets of Rs. 3.30 crore during FY 2023-24. Out of the total investment, amount of Rs. 44.87 Crore (14.63 + 30.24) was funded through Contributory Works and works under PSDF scheme.
- The Petitioner had capitalized Rs. 441.54 crore from the CWIP during FY 2023-24 including directly added assets of Rs. 3.30 crore. Out of the total capitalized expenditure Rs. 64.97 Crore (22.14 + 42.83) was funded through Contributory Works and works under PSDF schemes.

- The details for Capital Investment for Transmission and SLDC are shown in the following table:

Table 18: Actual CAPEX and Capitalization for FY 2023-24 (Rs crore)

Sr No.	Particulars	STU	SLDC	PSTCL
i	- Contributory	21.81	0.00	21.81
ii	- PSDF (Govt Funding)	49.19	4.82	54.01
iii	- Others (Spill Over)	180.49	2.33	182.82
iv	- Others (New)	192.53	1.08	193.60
1	Opening CWIP	444.03	8.23	452.25
i	- Contributory	14.63	0.00	14.63
ii	- PSDF (Govt Funding)	20.62	9.62	30.24
iii	- Others (Spill Over)	69.64	0.46	70.10
iv	- Others (New)	348.69	1.20	349.89
2	Capital Expenditure	453.58	11.28	464.86
3	Add: Directly Added Assets	3.17	0.13	3.30
	Total Capital Expenditure incurred during the year	456.75	11.41	468.16
i	- Contributory	22.14	0.00	22.14
ii	- PSDF (Govt Funding)	42.83	0.00	42.83
iii	- Others (Spill Over)	88.92	2.61	91.53
iv	- Others (New)	281.74	0.00	281.74
4	Capitalization	435.62	2.61	438.24
5	Add: Directly Added Assets	3.17	0.13	3.30
	Total Capitalization	438.80	2.74	441.54
i	- Contributory	14.31	0.00	14.31
ii	- PSDF (Govt Funding)	26.98	14.44	41.42
iii	- Others (Spill Over)	161.22	0.17	161.39
iv	- Others (New)	259.48	2.28	261.76
6	Closing CWIP	461.98	16.89	478.87

- PSTCL submits that funding requirement consists of Capital Expenditure of Spill over Schemes from 1st MYT Control Period i.e., from 2017-18 to FY 2019-20 and Capitalization of New Schemes i.e., Schemes started after 01.04.2020.
- Assets funded through Contributory Work & PSDF in FY 2023-24 has also not been considered for funding through Equity or Loans in FY 2023-24.

- Thus, during FY 2023-24, funding requirement for Transmission Business is Rs. 354.55 Crore (Rs. 69.64 Crore for Capital Expenditure of Spill over schemes, Rs. 284.91 Crore for Capitalization of New Schemes including Rs. 3.17 Crore for Directly Capitalized Asset). Funding requirement for Capital Investment for SLDC Business is Rs. 0.59 Crore (Rs. 0.46 Crore for Capital Expenditure of Spill over schemes, Rs. 0.13 Crore for Directly Capitalized Asset). Thus, the total funding for Capital Investment for PSTCL as a whole is Rs. 355.14 Crore during FY 2023-24.
- Following Table shows the Capital Investment claimed by PSTCL for funding through loans and equity for Transmission and SLDC for FY 2023-24: -

Table 19: Actual Funding Requirement for FY 2023-24 (Rs crore)

Sr No.	Particulars		STU	SLDC	PSTCL
1	Funding for CAPEX of Spill over Schemes	Total	69.64	0.46	70.10
2		Equity	20.89	-	20.89
3		Loan	48.75	0.46	49.21
4	Funding for Capitalization of New Schemes Including Directly Added Assets	Capitalization of New Works	281.74	-	281.74
5		Add: Directly Added Assets	3.17	0.13	3.30
6		Total	284.91	0.13	285.04
7		Equity	41.18	-	41.18
8		Loan	243.72	0.13	243.85
9	Total Funding Required for Investment	Total	354.55	0.59	355.14
10		Equity	62.08	-	62.08
11		Loan	292.47	0.59	293.06

2.7 Depreciation

- The Hon'ble Commission approved the Depreciation charges of Rs. 329.39 Crore for Transmission Business and Rs. 3.24 Crore for SLDC in ARR for FY 2023-24 vide Tariff order for FY 2023-24 dated 15.05.2023.
- PSTCL has claimed Depreciation in line with the methodology specified in Regulation 21 of the PSERC MYT Regulations, 2022, as amended from time to time.
- Accordingly, for the purpose of True-up of FY 2023-24, the Petitioner submits the details of depreciation as per the annual audited accounts for FY 2023-24, after excluding depreciation towards impairment loss. PSTCL has also not considered any Depreciation on account of assets funded through Contributory Works and works under PSDF Scheme in FY 2023-24. Therefore, GFA has been considered excluding assets on account of Land & Land Rights and Contributory & PSDF schemes.

Table 20: Calculation of Rate of Depreciation for FY 2023-24

(Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening GFA	7677.64	29.03	7706.67
2	Add: Addition to GFA	373.83	2.74	376.57
3	Less: Retirement to GFA	34.95	0.00	34.95
4	Less: Addition of Land during the Year	0.94	0.00	0.94
5	Closing GFA	8015.58	31.77	8047.35
6	Average GFA	7846.61	30.40	
7	Depreciation during the year (Audited Figure)	321.26	2.30	323.56
8	Depreciation (% of Average)	4.09%	7.56%	

- PSTCL has segregated the depreciation on assets created from Spill over schemes and New Schemes for the purpose of segregating repayments of loan

for different schemes using the average rate of depreciation calculated as above.

- Following tables show the segregated depreciation of spill over schemes and New Schemes: -

Table 21: Depreciation for Spill over Schemes for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening GFA	7392.69	23.89	7416.57
2	Add: Addition to GFA	88.92	2.61	91.53
3	Less: Retirement to GFA	34.95	0.00	34.95
4	Less: Addition of Land during the Year	0.00	0.00	0.00
5	Closing GFA	7446.66	26.50	7473.16
6	Average GFA	7419.67	25.19	
7	Depreciation (% of Average)	4.09%	7.56%	
8	Depreciation during the year (Audited Figure)	303.78	1.90	305.68

Table 22: Depreciation for New Schemes for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening GFA	284.96	5.15	290.10
2	Add: Addition to GFA	284.91	0.13	285.04
3	Less: Retirement to GFA	0.00	0.00	0.00
4	Less: Addition of Land during the Year	0.94	0.00	0.94
5	Closing GFA	568.92	5.27	574.19
6	Average GFA	426.94	5.21	
7	Depreciation (% of Average)	4.09%	7.56%	
8	Depreciation during the year (Audited Figure)	17.48	0.39	17.87

PSTCL requests the Hon'ble Commission to approve the Depreciation of Rs. 321.26 Crore for STU and Rs. 2.30 crore for SLDC for FY 2023-24 as PSERC MYT Regulations, 2022 based on the audited accounts for FY 2023-24.

2.8 Interest Charges

Regulation 23 of the PSERC MYT Regulations, 2022, specifies as under:

"23. INTEREST ON LOAN CAPITAL

23.1. For existing loan capital, interest and finance charges on loan capital shall be computed on the outstanding loans, duly taking into account the actual rate of interest and the schedule of repayment as per the terms and conditions of relevant agreements. The rate of interest shall be the actual rate of interest paid/payable (other than working capital loans) on loans by the licensee or the State Bank of India Advance Rate as on April 1 of the relevant year, whichever is less.

23.2. Interest and finance charges on the actual loan capital for new investments shall be computed on the loans, duly taking into account the actual rate of interest and the schedule of repayment as per the terms and conditions of relevant agreements. The rate of interest shall be the actual rate of interest paid/payable (other than working capital loans) on loans by the licensee or the State Bank of India Advance Rate as on April 1 of the relevant year, whichever is less.

23.3. The repayment for each year of the tariff period shall be deemed to be equal to the depreciation allowed for the corresponding year. In case of de-capitalisation of assets, the repayment shall be adjusted by taking into account cumulative depreciation made to the extent of de-capitalisation.

23.4. The Commission shall allow obligatory taxes on interest, finance charges (including guarantee fee payable to the Government) and any exchange rate difference arising from foreign currency borrowings, as finance cost.

24.5. The interest on excess equity treated as loan shall be serviced at the weighted average interest rate of actual loan taken from the lenders."

- Hon'ble Commission in Tariff Order for FY 2023-24 had approved the Interest Charges of Rs. 274.56 Crore for Transmission business and Rs. 2.47 Crore for SLDC for FY 2023-24.
- For the purpose of the true-up for FY 2023-24, PSTCL has considered the opening balance of loan equal to the closing balance of loans for FY 2022-23 as approved by Hon'ble Commission in True up of FY 2022-23 in Tariff Order for FY 2024-25 dated 14.06.2024.
- PSTCL has considered the weighted average rate of interest on long-term loans @ 8.86% for STU and 8.55% for SLDC.
- PSTCL has considered addition of loans of Rs. 292.47 Crore for STU and Rs. 0.59 crore for SLDC as discussed in previous section of CAPEX and its Funding. Out of Rs. 292.47 Crore for STU, Rs. 243.72 crore additions are on account of New Schemes and Rs. 48.75 crore is on account of Spill over Schemes. Loan Addition of Rs. 0.59 crore of SLDC includes 0.13 crore on account of New Schemes and Rs. 0.46 crore is on account of Spill over Schemes.
- The Petitioner has considered the repayment of loan equivalent to depreciation claimed above as per Audited Accounts for FY 2023-24 without subtracting the depreciation on assets commissioned before 16.04.2010 in line with the approach adopted by the Hon'ble Commission without prejudice to the outcome of appeals filed by PSTCL with the Hon'ble APTEL. The effect of the same may be considered by the Hon'ble Commission if the matter is ruled in favour of PSTCL.
- PSTCL has considered the loan segregation for Spill over Schemes and New Schemes as per the funding requirement of PSTCL discussed previously. Following tables shows the calculation of Interest Charges for Spill over Schemes and New Schemes.

Table 23: Interest on Loan for Spill Over Schemes for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening Balance	2,867.00	10.88	2,877.88
2	Add: Addition during the year	48.75	0.46	49.21

Table 23: Interest on Loan for Spill Over Schemes for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
3	Less: Repayment during the year	303.78	1.90	305.68
4	Closing Balance	2,611.97	9.44	2,621.41
5	Average Loan for the year	2,739.49	10.16	
6	Interest Rate	8.86%	8.55%	
7	Interest Charges for the year	242.69	0.87	243.56

Table 24: Interest on Loan for New Schemes for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Opening Balance	188.26	4.91	193.17
2	Add: Addition during the year	243.72	0.13	243.85
3	Less: Repayment during the year	17.48	0.39	17.87
4	Closing Balance	414.50	4.65	419.15
5	Average Loan for the year	301.38	4.78	
6	Interest Rate	8.86%	8.55%	
7	Interest Charges for the year	26.70	0.41	27.11

- PSTCL has considered capitalisation of interest charges of Rs. 3.86 Crore only for the Spill over CAPEX of Rs. 70.10 crore during FY 2023-24.
- PSTCL has also paid Miscellaneous Finance Charges during the FY 2023-24.

Calculation of Interest Charges for all schemes for FY 2023-24 is as follows: -

Table 25: Interest on Loan for All Schemes for FY 2023-24 (Rs. crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Interest Charges (Table 23 & 24)	269.39	1.28	270.67
2	Add: Misc. & Finance Charges	0.31	0.00	0.31
3	Less: Interest Capitalized	3.80	0.06	3.86
4	Normative Interest & Finance Charges	265.90	1.22	267.12



PSTCL requests the Hon'ble Commission to approve the Interest Charges of Rs. 265.90 Crore for STU and Rs. 1.22 crore SLDC for FY 2023-24 as PSERC MYT Regulations, 2022.

2.9 Interest on Working Capital

Re Regulation 50 of the PSERC MYT Regulations, 2022, specifies as under:

"50. INTEREST ON WORKING CAPITAL

50.1 Components of Working Capital

The Working Capital shall cover the following:

- i. O&M Expenses for 1 month;*
- ii. Maintenance spares @ 15% of the O&M expenses;*
- iii. Receivable's equivalent to two (2) months of fixed cost calculated on normative target availability.*

50.2 Rate of Interest

The rate of interest on working capital shall be as per regulation 25.1.

Regulation 24.1 of the PSERC MYT Regulations, 2022, specifies as under:

"24. RATE OF INTEREST ON WORKING CAPITAL & SECURITY DEPOSIT

24.1 The rate of interest on working capital shall be equal to the actual rate of interest paid on working capital loans by the Licensee/Generating Company/SLDC or the one (1) Year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI as may be applicable as on 1st April of the relevant year plus 350 basis points, whichever is lower. The interest on working capital shall be payable on normative basis notwithstanding that the Licensee/Generating Company/SLDC has not taken working capital loan from any outside agency or has exceeded the working capital loan amount worked out on the normative figures.

- Hon'ble Commission in Tariff Order for FY 2023-24 approved the Interest on Working Capital as Rs. 35.93 Crore for Transmission business and Rs. 0.66 Crore for SLDC.
- For the purpose of True-up, the Petitioner has computed the Interest on Working Capital as per the provisions of PSERC MYT Regulations, 2022. The Petitioner has considered the actual weighted average rate of interest i.e. @ 8.80% for Working Capital loans for Transmission business and SLDC.

Table 26: Normative Interest on Working Capital for FY 2023-24 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Receivables equivalent to two (2) months of fixed cost calculated on normative target availability	264.35	5.41	269.76
2	Maintenance Spares @ 15% of O&M expenses	128.72	1.55	130.28
3	Operation & Maintenance expenses for 1 (One) Month	71.51	0.86	72.38
4	Total Working Capital (Normative)	464.59	7.83	472.41
5	Rate of Interest applied (As per Norms)	8.80%	8.80%	
6	Normative Interest on Working Capital	40.86	0.69	41.55

PSTCL requests the Hon'ble Commission to approve the Normative Interest on Working Capital of Rs. 40.86 Crore for STU and Rs. 0.69 crore SLDC for FY 2023-24 as PSERC MYT Regulations, 2022.

2.10 ULDC Charges

- Hon'ble Commission, in Tariff Order for FY 2023-24, had approved the ULDC charges of Rs. 8.88 Crore for FY 2023-24 for SLDC.
- Petitioner submits the actual Unified Load Dispatch Centre (ULDC) Charges based on Audited Accounts as shown in the following Table: -



Table 27: ULDC Charges for FY 2023-24**(Rs Crore)**

Sr No.	Particulars	STU	SLDC	PSTCL
1	ULDC Charges - SLDC own Share	0.00	13.78	13.78
2	ULDC Charges - BBMB Share	0.00	0.78	0.78
3	NRLDC fees and Charges	0.00	4.68	4.68
	Total	0.00	19.24	19.24

PSTCL requests the Hon'ble Commission to approve the ULDC Charges of Rs. 19.24 Crore for SLDC for FY 2023-24 as PSERC MYT Regulations, 2022 based on Audited Accounts of PSTCL.

2.11 Return on Equity

Regulation 20 of the PSERC MYT Regulations, 2022, specifies as under:

"20. RETURN ON EQUITY

Return on Equity shall be computed at the rate of 15.5% on the paid-up equity capital determined in accordance with regulation 19:

Provided that assets funded by consumer contributions, capital subsidies/Govt. grants shall not form part of the capital base for the purpose of calculation of Return on Equity."

- Hon'ble Commission in Tariff Order for FY 2023-24 had approved the Return on Equity of Rs. 151.28 Crore for FY 2023-24.
- PSTCL has booked the profit of Rs. 62.08 crore as per Audited Accounts for FY 2023-24. Further, PSTCL submits that it has partly funded the Capital Expenditure (30% for Capital Expenditure) through equity infusion in FY 2023-24, by reinvesting Rs. 62.08 crore in FY 2023-24.
- For the purpose of calculating Return on Equity for FY 2023-24 on normative basis, PSTCL has considered the ROE at the rate of 15.50% in accordance with the PSERC MYT Regulations, 2022

- The computation of normative ROE for FY 2023-24 is submitted in the following table: -

Table 28: Return on Equity for PSTCL for FY 2023-24 (Rs. crore)

Sr No.	Particulars	FY 2023-24
1	Equity at the opening of Year (as approved by PSERC in True up of FY 2022-23)	880.85
2	Addition During the Year	62.08
4	Equity at the Closing of Year	942.93
5	Average Equity during the Year	911.89
6	Rate for Return on Equity	15.50%
7	Return on Equity	141.34

2.12 Other Expenses

- PSTCL has considered the other debits of Rs. 1.72 Crore for FY 2023-24 on account of Sundry debits written off as per Note 37 of Audited accounts of FY 2022-23.
- Other Provisions for losses and doubtful debts has not been considered.

PSTCL requests the Hon'ble Commission to approve Other Expenses of Rs. 1.72 Crore.

2.13 Revenue from Open Access Customers

PSTCL has Claimed a receipt of Transmission Charges of Rs. 5.24 crore and SLDC Charges of Rs. 0.21 crore from Open Access Customers based on Audited Accounts of PSTCL for FY 2023-24, details are as follows: -



Table 29: Revenue from Open Access during FY 2023-24 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Transmission Charges from Railways - LTA	4.20	0.08	4.28
2	Transmission Charges from MTOA Customers (M/s Winsome Yarns Ltd & M/s Nahar Sugar))	0.08	0.00	0.08
3	Transmission Charges from STOA Customers	0.96	0.13	1.09
4	Total (G..H - 61.830)	5.24	0.21	5.44

PSTCL requests the Hon'ble Commission to approve the Open Access Charges of Rs. 5.24 Crore for STU and Rs. 0.21 crore SLDC for FY 2023-24 as PSERC MYT Regulations, 2022

2.14 Non-Tariff Income

Regulation 27 of the PSERC MYT Regulations, 2022, specifies as under:

"27. NON-TARIFF INCOME

27.1. Following components of income shall be treated as non-tariff income for the generation, transmission and distribution business, as applicable:

- a. Meter/metering equipment/service line rentals;*
- b. Service charges;*
- c. Net revenue from late payment surcharge (late payment surcharge less financing cost of late payment surcharge);*
- d. Interest on advances to suppliers/contractors;*
- e. Interest on staff loans and advances;*



f. Income from trading;

g. Income from staff welfare activities;

h. Excess found on physical verification;

i. Interest on investments, fixed and call deposits and bank balances;

j. Net recovery from penalty on coal liaison agents;

k. Prior period income;

l. Income from open access charges i.e., petition fee, cross subsidy surcharge, additional surcharge, transmission and/or wheeling charges, scheduling charges etc

m. Miscellaneous receipts not included above;

The Applicant shall submit full details of its forecast of non-tariff income to the Commission as a part of ARR filing. The amount received by the Applicant on account of non-tariff Income shall be deducted from the aggregate revenue requirement in calculating the net aggregate revenue requirement of Applicant's business."

- In Tariff Order for FY 2023-24, Hon'ble Commission has approved the Non-tariff Income of Rs. 35.57 Crore for Transmission business and Rs. 0.23 Crore for SLDC.
- For the purpose of True-up for FY 2023-24, the Petitioner has considered the non-tariff income as indicated in Note 30 of audited accounts. The Petitioner has not considered the income towards the certain heads wherein expenses were not allowed by Hon'ble Commission in previous Tariff Orders.
- Income of Rs. 0.32 Crore towards interest received on refund of income tax has not been considered because Hon'ble Commission neither allowed expenses under the head of Income Tax nor interest on amount deducted as TDS.
- Income of Rs. 3.69 Crore towards provision withdrawn on unserviceable / obsolete items and losses under investigation has not been considered.



- PSTCL has earned DPS of Rs. 3.17 crore for late Payment Charges. PSTCL also considered the adjustment of Rs. 2.30 crore of financing cost on Late Payment. Thus, Net Income from Late Payment Surcharges amounting to Rs. 0.87 crore has been considered.
- PSTCL has earned rebate on early payment of NRLDC Charges of Rs. 0.15 crore. PSTCL also considered the adjustment of Rs. 0.08 crore of financing cost borne due to early payment. Thus, Net Income from Rebate on early payment amounting to Rs. 0.07 crore has been considered.
- PSTCL has not considered the amount of Rs. 0.05 crore for interest earned on fixed deposits reflected in Audited Accounts under Non-Tariff Income. PSTCL would like to submit that income from interest on Fixed deposits are not actually earnings made on surplus amounts available with PSTCL, whereas these are Fixed deposits are made so as to issue letter of credit for availing cash credit facility and cost of funds is more than the interest earned.
- In view of above, Petitioner submits NTI for FY 2023-24 as shown in the following table: -

Table 30: Details of Non-Tariff Income for FY 2023-24				(Rs Crore)
Sr No.	Particulars	STU	SLDC	PSTCL
1	Income from sale of scrap	0.46	0.00	0.46
2	Gain on account of sale of fixed assets	10.06	0.00	10.06
3	Income from staff welfare activities	0.01	0.00	0.01
4	Rental for staff quarters	0.54	0.03	0.57
5	Penalty imposed on suppliers/contractors	10.90	0.87	11.77
6	NOC charges from Open access customers	0.07	0.08	0.15
7	Credit balances written back:			
8	- Sundry creditors	0.03	0.00	0.03
9	- Security Deposit/EMD	0.21	0.00	0.21
10	Departmental Charges on Contribution/Deposit Works	4.58	0.00	4.58
11	Oil Testing Fees	1.09	0.00	1.09
12	Salary Deposit - Short period notice	0.59	0.00	0.59
13	Lease Rental fibre optic - PGCIL	0.37	0.00	0.37
14	Work Appraisal fees	0.02	0.00	0.02
15	Rent Received from Punjab Police	1.19	0.00	1.19
16	Net Late Payment Surcharge - PSPCL	0.82	0.04	0.87

Table 30: Details of Non-Tariff Income for FY 2023-24 (Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
17	Net Rebate on early payment to NRLDC	0.00	0.07	0.07
18	Income from O & M of bays of PGCIL			
19	- PGCIL	3.80	0.00	3.80
20	- M/s Ultratech	1.05	0.00	1.05
21	- Ganguwal - Mohali Line	0.17	0.00	0.17
22	Miscellaneous Income	1.96	0.01	1.96
23	Total	37.93	1.10	39.02

PSTCL requests the Hon'ble Commission to approve the Non-Tariff Income of Rs. 37.93 Crore for STU and Rs. 1.10 crore for SLDC for FY 2023-24 as PSERC MYT Regulations, 2022.

2.15 Incentives on account of Transmission System Availability

- In accordance with PSERC MYT Regulations, 2022, the Petitioner is eligible for incentive for over-achieving the availability targets for transmission system availability which has been verified and certified by SLDC. As per PSERC MYT Regulations, 2022, the Normative Annual Transmission System Availability Factor (NATAF) for incentive computation has been considered as 99% provided that No incentive shall be payable for availability beyond 99.75%. The net transmission charges inclusive of incentive based on fixed charges for Transmission and computation of incentive are given as per the following table:-

Table 31: Incentives on account of TS Availability for FY 2023-24 (Rs Crore)

Sr No.	Month	No. of days in Month	Transmission Availability	Max Incentive Available up to 99.75	Transmission Charges at NATAF	Transmission Charges Inclusive of Incentives	Incentives
1	Apr-23	30	99.9072%	99.7500%	130.01	130.99	0.98
2	May-23	31	99.8909%	99.7500%	134.34	135.36	1.02
3	Jun-23	30	99.7253%	99.7253%	130.01	130.96	0.95

Table 31: Incentives on account of TS Availability for FY 2023-24 (Rs Crore)

Sr No.	Month	No. of days in Month	Transmission Availability	Max Incentive Available up to 99.75	Transmission Charges at NATAF	Transmission Charges Inclusive of Incentives	Incentives
4	Jul-23	31	99.9076%	99.7500%	134.34	135.36	1.02
5	Aug-23	31	99.7514%	99.7500%	134.34	135.36	1.02
6	Sep-23	30	99.8843%	99.7500%	130.01	130.99	0.98
7	Oct-23	31	99.9297%	99.7500%	134.34	135.36	1.02
8	Nov-23	30	99.9598%	99.7500%	130.01	130.99	0.98
9	Dec-23	31	99.8124%	99.7500%	134.34	135.36	1.02
10	Jan-24	31	99.8377%	99.7500%	134.34	135.36	1.02
11	Feb-24	29	99.9312%	99.7500%	125.67	126.63	0.95
12	Mar-24	31	99.9182%	99.7500%	134.34	135.36	1.02
	Total	366			1586.08	1598.07	11.98

PSTCL requests the Hon'ble Commission to approve the Incentives on achieving the Target of Transmission System Availability of Rs. 11.98 Crore for FY 2023-24 as PSERC MYT Regulations, 2022.

2.16 Aggregate Revenue Requirement

After considering the expenses claimed for various components, Net ARR for Transmission and SLDC is summarised in the following table: -

Table 32: Annual Revenue Requirement of Transmission & SLDC Business for FY 2023-24 (Rs. Crore)

Sr. No	Particulars	Transmission		SLDC		PSTCL	
		Approved in MYT	True up	Approved in MYT	True up	Approved in MYT	True up
a.	Employee Cost	739.59	790.22	9.88	8.39	749.47	798.61
b.	A & G Expenses	29.40	27.37	0.70	1.11	30.10	28.48
c.	R & M Expenses	41.79	40.57	3.82	0.85	45.61	41.42
1	O&M Expenses	810.78	858.16	14.40	10.35	825.18	868.51
2	Depreciation	329.39	321.26	3.24	2.30	332.63	323.56
3	Interest charges	274.56	265.90	2.47	1.22	277.03	267.12
4	Interest on W.C	35.93	40.86	0.66	0.69	36.59	41.55
5	ULDC Charges	0.00	0.00	8.88	19.24	8.88	19.24
6	Return on Equity	151.28	141.34	0.00	0.00	151.28	141.34
7	Other Debits		1.72		0.00	0.00	1.72
8	Gross ARR	1601.94	1629.25	29.65	33.79	1631.59	1663.03
9	Less: (i) NTI	35.57	37.93	0.23	1.10	35.80	39.02
10	Less: (ii) OA Charges	3.66	5.24	0.09	0.21	3.75	5.44
11	Net ARR	1562.71	1586.08	29.33	32.48	1592.04	1618.57
12	Add: Incentives TS Availability		11.98		-		11.98
13	Add: Incentives TS Loss		1.22		-		1.22
14	Total Revenue Requirement	1562.71	1599.29	29.33	32.48	1592.04	1631.77



2.17 Revenue Gap and its Recovery

- For the purpose of the present Petition, the Petitioner has computed the Revenue Gap for FY 2023-24 arising out of True-up as under:-
- Hon'ble Commission in Tariff Order for FY 2023-24 has approved Net ARR of Rs. 1562.71 crore for STU and Rs. 29.32 crore for SLDC for FY 2023-24.
- As per PSERC (MYT) Regulations, 2022, Hon'ble Commission does not consider the Annual Performance Review in the mid of the year. Therefore, PSTCL didn't filed the APR for FY 2023-24 along with the ARR for FY 2024-25. PSTCL is now filing the True up of FY 2023-24 and requests the Hon'ble Commission to allow the revenue gap of Rs. 39.73 (1631.77 - 1592.04) Crore and its Carrying Cost is as follows: -

Sr No.	Particulars	Working	PSTCL
1	Net ARR after True up for FY 2023-24		1631.77
2	Less: Net ARR Approved in Tariff Order dated 15.05.2023		1592.04
3	Revenue Gap/ (Surplus) after True-up (A)		39.73
4	For 2023-24 @ 8.80% for Half Year	$(39.73 * 8.80\%) / 2$	1.75
5	For 2024-25 @ 8.80% for Full Year	$(39.73 * 8.80\%)$	3.49
6	For 2025-26 @ 8.80% for Half Year	$(39.73 * 8.80\%) / 2$	1.75
7	Total Carrying Cost (B)		6.99
8	Total Revenue Gap including carrying cost (A +B)		46.72

3 Revised ARR for FY 2025-26

3.1 Background

- The Hon'ble Commission in its MYT Order dated May15th, 2023 approved total Aggregate Revenue Requirement (ARR) for PSTCL of Rs. 1773.06 Crore, including Net ARR of Rs. 32.38 Crore for SLDC for FY 2025-26.
- In this Chapter, the Petitioner is submitting the revised ARR for FY 2025-26 as per provisions of PSERC MYT Regulations, 2022 on the basis of proposed true up figures in the previous chapter and upgraded normatively for FY 2024-25. PSTCL craves leave to make revised submission for projections. In the revised submission PSTCL has considered the basis of past trends, regulatory norms and activity planned and proposed to be taken up for projecting the expenses.
- The deviation sought from the PSERC MYT Regulations, 2022 and its amendments has been specifically mentioned with the rationale and relaxation has been sought in accordance with the provisions of PSERC MYT Regulations, 2022 & its amendment.

3.2 Description of Transmission System

The details of the proposed transmission system of PSTCL as on March 31, 2026 are tabulated below:

Table 34: Estimated Transmission System of PSTCL as on 31.03.2026

Sr. No.	Particulars	Opening (As on 1 st April 2024)	Estimated Addition during FY 2024-25	Estimated Addition during FY 2025-26	Estimated Closing (As on 31 st March 2026)
Transmission Lines (Circuit-kms)					
1	400 kV	1,674.19	18.49	7.00	1,699.68
2	220 kV	8,012.17	166.67	141.00	8,319.84

Table 34: Estimated Transmission System of PSTCL as on 31.03.2026

Sr. No.	Particulars	Opening (As on 1 st April 2024)	Estimated Addition during FY 2024-25	Estimated Addition during FY 2025-26	Estimated Closing (As on 31 st March 2026)
3	132 kV	3,109.14	15.00	15.00	3,139.14
	Total	12,795.50	200.17	163.00	13,158.67
Substations (Nos.)					
1	400 kV	7	1	0	8
2	220 kV	104	4	4	112
3	132 kV	64	-1	-1	62
	Total	175	4	3	182
Transmission Substation Bays (Nos.)					
1	400 kV	95	6	4	105
2	220 kV	764	32	33	829
3	132 kV	532	4	4	540
	Total	1,391	42	41	1,474
Substation Capacity (MVA)					
1	Substation Capacity	42,573.17	4,782.50	2,820.00	50,175.67

3.3 Transmission System Availability

- The impact of Transmission System Availability of PSTCL will be discussed at the time of true up.

3.4 Transmission Losses

- The impact of Transmission Losses will be claimed at the time of True up.



3.5 Capital Expenditure and Capitalisation

- PSTCL has Projected capital expenditure and capitalisation for its Transmission and SLDC Business during FY 2024-25 and FY 2025-26 as per the works approved by Hon'ble Commission in line with the Capital Investment Plan for 3rd Control Period in Petition No 50 of 2022 and petition no. 15/2024. The detailed work wise list with actual expenditure will be submitted during true up exercise of the respective years. The estimated capital expenditure and capitalisation for the FY 2024-25 & FY 2025-26 is as under: -

Table 35: Estimated Capital Expenditure and Capitalization (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
i	- Contributory	14.31	0.00	14.31	9.44	0.00	9.44
ii	- PSDF (Govt Funding)	26.98	14.44	41.42	9.37	22.53	31.90
iii	- Other's (Spill Over)	161.22	0.17	161.39	0.00	0.00	0.00
iv	- Other's (New)	259.48	2.28	261.76	452.44	3.11	455.55
1	Opening CWIP	461.98	16.89	478.87	471.25	25.64	496.89
i	- Contributory	9.58	0.00	9.58	6.33	0.00	6.33
ii	- PSDF (Govt Funding)	15.11	8.09	23.20	5.24	12.62	17.86
iii	- Other's (Spill Over)	51.59	0.03	51.62	0.00	0.00	0.00
iv	- Other's (New)	501.38	1.27	502.65	794.31	0.32	794.63
2	Capital Expenditure	577.66	9.39	587.06	805.88	12.93	818.82
i	- Contributory	14.45	0.00	14.45	9.54	0.00	9.54
ii	- PSDF (Govt Funding)	32.72	0.00	32.72	4.72	35.15	39.87
iii	- Other's (Spill Over)	212.80	0.21	213.01	0.00	0.00	0.00
iv	- Other's (New)	308.42	0.43	308.85	615.67	2.99	618.67
3	Capitalization	568.40	0.64	569.04	629.93	38.14	668.07
i	- Contributory	9.44	0.00	9.44	6.23	0.00	6.23
ii	- PSDF (Govt Funding)	9.37	22.53	31.90	9.89	0.00	9.89
iii	- Other's (Spill Over)	0.00	0.00	0.00	0.00	0.00	0.00
iv	- Other's (New)	452.44	3.11	455.55	631.08	0.44	631.52
4	Closing CWIP	471.25	25.64	496.89	647.20	0.44	647.63

3.6 Funding of Capital Expenditure

- PSTCL submits that funding requirement consists of Capital Expenditure of Spill over Schemes from 1st MYT Control Period from 2017-18 to FY 2019-20 and Capitalization of New Schemes i.e., Schemes of 2nd Control Period i.e., commencing from 01.04.2020.
- Following Table shows the estimated Capital Investment claimed by PSTCL for funding through loans and equity for Transmission and SLDC for FY 2024-25 & FY 2025-26: -

Table 36: Funding Requirement for Capital Investment (Rs Crore)

Sr. No.	Particulars		FY 2024-25			FY 2025-26		
			STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	CAPEX of Spill over Schemes	Total	51.59	0.03	51.62	-	-	-
2		Equity	15.48	-	15.48	-	-	-
3		Loan	36.11	0.03	36.15	-	-	-
					-			-
4	Capitalization of Schemes	Total	308.42	0.43	308.85	615.67	2.99	618.67
5		Equity	92.53	-	92.53	184.70	-	184.70
6		Loan	215.90	0.43	216.33	430.97	2.99	433.96
7	Total Funding Required	Total	360.01	0.47	360.48	615.67	2.99	618.67
8		Equity	108.00	-	108.00	184.70	-	184.70
9		Loan	252.01	0.47	252.47	430.97	2.99	433.96

3.7 Operation & Maintenance Expenses

Regulation 25 of PSERC MYT Regulations, 2022, provides for methodology for computation of normative O&M expenses.

3.7.1 Employee Costs

- PSTCL has claimed the Terminal benefits which includes elements such as Pension, Gratuity, leave encashment, Medical Reimbursement, etc. for the FY 2025-26 based on actual Terminal Benefits paid during FY 2023-24

by considering 5% increase on yearly basis. However, Actual Terminal Benefits will be claimed during True up of FY 2025-26.

Table 37: Estimated Employee Terminal Benefits (Rs Crore)

Sr No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Base Terminal Benefits	574.18	0.62	574.80	602.89	0.65	603.54
2	Add: Increase @ 5%	28.71	0.03	28.74	30.14	0.03	30.18
3	Claimed Terminal Benefits	602.89	0.65	603.54	633.03	0.68	633.72

Other Employee Cost

- The Petitioner has considered the computation of Normative Employee cost on the basis of net amount after adjustment of expenses capitalised instead of gross amount in line with the approach adopted by the Hon'ble Commission without prejudice to the outcome of appeals filed by PSTCL with the Hon'ble APTEL. The effect of the same may be considered by the Hon'ble Commission if the matter is ruled in favour of PSTCL
- Manpower requirement for New Substations**
PSTCL has considered the commissioning of New Sub-Stations in FY 2024-25 and FY 2025-26 as discussed at para 3.2 above. Considering the Normative Employee Cost added during FY 2024-25, PSTCL has added the Indexed Employee Cost of the additional Manpower for Newly added Substations during FY 2024-25 & FY 2025-26.
- Impact of Pay Circulars adopted by PSTCL**
PSTCL has considered the impact of pay circulars adopted by PSTCL during FY 2023-24 and FY 2024-25 separately. These circulars have impact during FY 2024-25 and onwards as the same is not included in the baseline figures of FY 2023-24.



- WPI and CPI indexes have been calculated based on the average of six months data available up to September 2024, which shall be reviewed during the true up of the year.

Table 38: Calculation of Index

Sr No.	Particulars	FY 2023-24 (Apr 23 to Sept 23)	FY 2024-25 (Apr 24 to Sept 24)	Increase (%)
1	CPI	136.95	141.55	3.36%
2	WPI	150.97	154.13	2.10%
3	Index (50:50)	-	-	2.73%

- Normative Other Employee Cost of PSTCL is as follow: -

Table 39: Computation of Normative Other Employee Cost (Rs Crore)

Sr No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Baseline Other Employee Cost	216.03	7.77	223.81	228.47	7.99	236.46
2	Escalation Factor	2.73%	2.73%		2.73%	2.73%	
3	Indexed Employee Cost	221.93	7.99	229.91	234.70	8.20	242.91
4	Add: Employee Cost for New Sub Station	3.47	-	3.47	3.57	-	3.57
5	Add: Impact of Pay Revision	3.07	-	3.07	13.16	-	13.16
6	Net Other Employee Cost	228.47	7.99	236.46	251.43	8.20	259.63
7	Terminal Benefits	602.89	0.65	603.54	633.03	0.68	633.72
8	Normative Employee Cost	831.36	8.64	840.00	884.46	8.89	893.35

3.7.2 Computation of Normative A&G Expenses

- For computation of Normative A& G expense for FY 2025-26, the Petitioner has considered the baseline values of FY 2024-25 notionally calculated on the basis of FY 2023-24.

- PSTCL has also considered the additional A & G Expenses on account of asset addition in line with the Note - 10 of Regulation 25 of PSERC MYT Regulations, 2022.
- Baseline expenditure includes the expense on account of assets added during the previous year on an average basis. Hence, the base has to be updated for full year for the additions made during the previous year to be a true reflective for calculations of A&G expense during the relevant year.
- The A&G expenses have been escalated with an escalation factor of 2.73% as per Table - 38.

Table 40: Computation of Normative A & G Expenses (Rs Crore)

Sr No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Net Asset added during the year (A)	568.40	0.64	569.04	629.93	38.14	668.07
2	%age of A&G (as in True up) (B)	0.244%	2.326%		0.244%	2.326%	
3	Additional A&G expenses on account of asset addition during year (A X B) = (C)	0.69	0.01	0.70	0.77	0.44	1.21
4	A & G Expenses for previous year (D)	26.81	1.11	27.91	28.73	1.18	29.91
5	Add : A & G Expenses for assets addition during the previous year (not included in base expenses) (E)	0.49	0.03	0.52	0.69	0.01	0.70
6	Baseline A & G Expense (D + E) = F	27.30	1.14	28.44	29.43	1.18	30.61
7	Escalation Factor	2.73%	2.73%		2.73%	2.73%	
8	Escalated A&G expenses (G)	28.04	1.17	29.21	30.23	1.22	31.45
9	Total A&G Expenses (C + G)	28.73	1.18	29.91	31.00	1.66	32.66
10	Add: Audit fee	0.05	0.00	0.05	0.05	0.00	0.05

Table 40: Computation of Normative A & G Expenses (Rs Crore)

Sr No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
11	Add: License & Petition fee	0.52	0.00	0.52	0.52	0.00	0.52
12	Normative A & G Expenses	29.30	1.18	30.48	31.56	1.66	33.23

3.7.3 Computation of Normative R & M Expenses

- The Petitioner has considered the notionally calculated baseline values of FY 2024-25 for Computation of Normative R & M expense of FY 2025-26.
- In this Petition, for computation of Normative R&M expenses, PSTCL has considered the “K” Factor as determined by the Hon’ble Commission in Table – 4.17 of Tariff order for FY 2024-25 and which is constant for 3rd Control Period as per PSERC MYT Regulations, 2022.
- The R&M expenses have been escalated with an escalation factor of 2.10% as per Table – 38.
- Accordingly, the R&M expenses for FY 2025-26 are submitted as under: -

Table 41: Computation of Normative R & M Expenses (Rs Crore)

Sr No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Opening GFA	11299.47	36.62	11336.09	11867.86	37.26	11905.12
2	Add: Addition	568.40	0.64	569.04	629.93	38.14	668.07
3	Closing GFA	11867.86	37.26	11905.12	12497.80	75.40	12573.19
4	Average GFA	11583.66	36.94	11620.60	12182.83	56.33	12239.16
5	K - Factor	0.32371%	2.71243%		0.32371%	2.71243%	
6	Escalation	102.10%	102.10%		102.10%	102.10%	
7	Normative R & M Expenses	38.28	1.02	39.31	40.26	1.56	41.82

3.7.4 Total Operational & Maintenance Expenses

The Petitioner submits the normative O&M Expenses for FY 2025-26 are as per table below:

Table 42: Normative O & M Expenses (Rs Crore)

Sr No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Employee Expenses	831.36	8.64	840.00	884.46	8.89	893.35
2	A&G Expenses	29.30	1.18	30.48	31.56	1.66	33.23
3	R&M Expenses	38.28	1.02	39.31	40.26	1.56	41.82
4	Normative O & M Expenses	898.94	10.84	909.78	956.29	12.11	968.40

PSTCL requests the Hon'ble Commission to approve the Normative O&M expenses of Rs. 956.29 crore for STU and Rs. 12.11 crore for SLDC for FY 2025-26 as per PSERC MYT Regulations, 2022.

3.8 Depreciation

- Regulation 21 of the PSERC MYT Regulations, 2022, provides for computation of Depreciation for each year of the Control Period.
- PSTCL has considered the opening GFA for FY 2024-25 equal to closing GFA of FY 2023-24. PSTCL has considered addition to GFA during FY 2024-25 & FY 2025-26 as per capitalization projected by PSTCL in previous section.
- PSTCL has also not considered any Depreciation on account of assets funded through Contributory Works and works under PSDF Scheme in FY 2024-25 & FY 2025-26. Therefore, GFA has been considered excluding assets on account of Contributory and PSDF and Land.
- The Petitioner has considered the weighted average rate of depreciation computed as 4.09% for Transmission Business and 7.56% for SLDC based on audited accounts for FY 2023-24. The depreciation has been computed by applying weighted average rate of depreciation on average GFA



during the year. Accordingly, PSTCL submits the depreciation for FY 2025-26 as under: -

Table 43: Calculation of Rate of Depreciation (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Opening GFA	8015.58	31.77	8047.35	8536.80	32.41	8569.22
2	Add: Addition to GFA	521.22	0.64	521.87	615.67	2.99	618.67
3	Closing GFA	8536.80	32.41	8569.22	9152.48	35.41	9187.88
4	Average GFA	8276.19	32.09	8308.28	8844.64	33.91	8878.55
5	Depreciation (% of Average)	4.09%	7.56%		4.09%	7.56%	
6	Depreciation during the year	338.85	2.43	341.27	362.12	2.56	364.68

- PSTCL has segregated the depreciation on assets created from Spill over schemes (Works Started before 01.04.2020) and New Schemes (Works started after 01.04.2020) using the average rate of depreciation calculated as above.
- Following tables shows the segregated depreciation of spill over schemes and New Schemes: -

Table 44: Depreciation on Spill Over Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Opening GFA	7446.66	26.50	7473.16	7659.46	26.71	7686.17
2	Add: Addition to GFA	212.80	0.21	213.01	0.00	0.00	0.00
3	Closing GFA	7659.46	26.71	7686.17	7659.46	26.71	7686.17
4	Average GFA	7553.06	26.60	7579.66	7659.46	26.71	7686.17
5	Depreciation (% of Average)	4.09%	7.56%		4.09%	7.56%	
6	Depreciation during the year	309.24	2.01	311.25	313.60	2.02	315.62

Table 45: Depreciation on New Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Opening GFA	568.92	5.27	574.19	877.34	5.71	883.05
2	Add: Addition to GFA	308.42	0.43	308.85	615.67	2.99	618.67
3	Closing GFA	877.34	5.71	883.05	1493.02	8.70	1501.71
4	Average GFA	723.13	5.49	728.62	1185.18	7.20	1192.38
5	Depreciation (% of Average)	4.09%	7.56%		4.09%	7.56%	
6	Depreciation during the year	29.61	0.41	30.02	48.52	0.54	49.07

PSTCL requests the Hon'ble Commission to approve the Depreciation of Rs. 362.12 Crore for STU and Rs. 2.56 crore SLDC for FY 2025-26.

3.9 Interest Charges

Regulation 23 of the PSERC MYT Regulations, 2022, amended as on 17.09.2024 specifies as under:

"23. INTEREST ON LOAN CAPITAL

23.1. *Interest and finance charges on the loan capital (existing and future for new investments) shall be computed on the loans, based on one (1) year State Bank of India (SBI) MCLR / any replacement thereof as notified by RBI as may be applicable as on 1st April of the relevant year, plus 150 basis points or the weighted average rate of interest paid/payable by the Generating Company, Licensee or SLDC, whichever is less."*

23.2. *The repayment for each year of the tariff period shall be deemed to be equal to the depreciation allowed for the corresponding year. In case of de-capitalisation of assets, the repayment shall be adjusted by taking into account cumulative depreciation made to the extent of de-capitalisation.*



23.3. *The Commission shall allow obligatory taxes on interest, finance charges (including guarantee fee payable to the Government) and any exchange rate difference arising from foreign currency borrowings, as finance cost.*

24.4. *The interest on excess equity treated as loan shall be serviced at the weighted average interest rate of actual loan taken from the lenders."*

- PSTCL has considered the opening balances of loans for FY 2024-25 equal to closing balances of FY 2023-24. Addition has been considered as per funding plan as discussed earlier in this chapter.
- PSTCL has considered the repayment equal to the depreciation of corresponding year as per PSERC MYT Regulations, 2022.
- The Petitioner has considered the weighted average rate of interest on long term loans as 8.86% for Transmission Business and 8.55% for SLDC as computed in True up of FY 2023-24 in previous chapter based on Audited Figures.
- PSTCL has considered the loan segregation for Spill over Schemes and New Schemes as per the funding requirement of PSTCL discussed previously.
- Following tables shows the calculation of Interest Charges for Spill over Schemes and New Schemes.

Table 46: Interest on Loan for Spill Over Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Opening Balance	2,611.97	9.44	2,621.41	2,338.84	7.46	2,346.30
2	Add: Addition	36.11	0.03	36.15	-	-	-
3	Less: Repayment	309.24	2.01	311.25	313.60	2.02	315.62
4	Closing Balance	2,338.84	7.46	2,346.30	2,025.24	5.44	2,030.69
5	Average Loan	2,475.41	8.45	2,483.86	2,182.04	6.45	2,188.50

Table 46: Interest on Loan for Spill Over Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
6	Interest Rate	8.86%	8.55%		8.86%	8.55%	
7	Interest Charges for the year	219.30	0.72	220.02	193.31	0.55	193.86

Table 47: Interest on Loan for New Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Opening Balance	414.50	4.65	419.15	600.79	4.67	605.46
2	Add: Addition	215.90	0.43	216.33	430.97	2.99	433.96
3	Less: Repayment	29.61	0.41	30.02	48.52	0.54	49.07
4	Closing Balance	600.79	4.67	605.46	983.24	7.11	990.35
5	Average Loan	507.65	4.66	512.31	792.02	5.89	797.91
6	Interest Rate	8.86%	8.55%		8.86%	8.55%	
7	Interest Charges for the year	44.97	0.40	45.37	70.16	0.50	70.67

- PSTCL has also projected the Miscellaneous Finance Charges amounting Rs. 0.31 crore based on Audited Accounts of FY 2023-24.
- Calculation of Interest Charges for all schemes for FY 2025-26 is as under:-

Table 48: Interest Charges on Loan for All Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
1	Interest Charges for the year	264.27	1.12	265.39	263.47	1.06	264.53
2	Add: Misc. & Finance Charges	0.31	0.00	0.31	0.31	0.00	0.31
3	Less: Interest Capitalized	3.80	0.06	3.86	-	-	-

Table 48: Interest Charges on Loan for All Schemes (Rs crore)

Sr. No.	Particulars	FY 2024-25			FY 2025-26		
		STU	SLDC	PSTCL	STU	SLDC	PSTCL
4	Normative Interest & Finance Charges	260.78	1.06	261.84	263.78	1.06	264.84

PSTCL requests the Hon'ble Commission to approve the Interest Charges of Rs. 263.78 Crore for STU and Rs. 1.06 crore SLDC for FY 2025-26.

3.10 Interest on Working Capital

- In this Chapter, the Petitioner has computed the Interest on Working Capital as per the provisions of PSERC MYT Regulations, 2022 as amended on 17.09.2024. The Petitioner has applied the rate of interest for Working Capital loans for Transmission business and SLDC business @ 8.80% based on True up of FY 2023-24 calculated as actual weighted average.
- The calculation of Interest on Working Capital is as follows:

Table 49: Interest on Working Capital for FY 2025-26 (Rs crore)

Sr. No.	Particulars	STU	SLDC	PSTCL
1	Receivables equivalent to 45 days of fixed cost calculated on normative target availability	221.08	4.25	225.33
2	Maintenance Spares @ 15% of O&M expenses	143.44	1.82	145.26
3	Operation & Maintenance expenses for 1 (One) Month	79.69	1.01	80.70
4	Total Working Capital (Normative)	444.22	7.07	451.29
5	Rate of Interest applied (As per Norms)	8.80%	8.80%	
6	Normative Interest on Working Capital	39.07	0.62	39.69

PSTCL requests the Hon'ble Commission to approve the Normative Interest on Working Capital of Rs. 39.07 crore for STU and Rs. 0.62 crore for SLDC for FY 2025-26 as PSERC MYT Regulations, 2022.

3.11 ULDC Charges

- Petitioner submits the Revised Projections of Unified Load Dispatch Centre (ULDC) Charges based on Audited Accounts of FY 2023-24, as shown in the following Table: -

Table 50: ULDC Charges for FY 2025-26 (Rs Crore)

Sr. No.	Particulars	STU	SLDC	PSTCL
1	ULDC Charges - SLDC own Share	-	13.78	13.78
2	ULDC Charges - BBMB Share	-	0.78	0.78
3	NRLDC fees and Charges	-	4.68	4.68
	Total	-	19.24	19.24

PSTCL requests the Hon'ble Commission to approve the ULDC Charges of Rs. 19.24 Crore for SLDC for FY 2025-26.

3.12 Return on Equity

- PSTCL has calculated the Return on Equity for FY 2025-26 as per *Regulation 20 of the PSERC MYT Regulations*.

The computation of normative ROE for FY 2025-26 is submitted in the following table: -

Table 51: Estimated Return on Equity (Rs. crore)

Sr No.	Particulars	FY 2024-25	FY 2025-26
1	Equity at the opening of Year	942.93	1050.93
2	Addition During the Year	108.00	184.70
3	Equity at the Closing of Year	1050.93	1235.63
4	Average Equity during the Year	996.93	1143.28
5	Rate for Return on Equity	15.50%	15.50%
6	Return on Equity	154.52	177.21

PSTCL requests the Hon'ble Commission to approve the Return on Equity of Rs. 177.21 Crore for FY 2025-26.

3.13 Revenue from Open Access Customers

- PSTCL has Claimed a receipt of Transmission Charges of Rs. 5.24 crore and SLDC Operating Charges of Rs. 0.21 crore from Open Access Customers based on Audited Accounts of PSTCL for FY 2023-24.

PSTCL requests the Hon'ble Commission to approve the Open Access Charges of Rs. 5.24 Crore for STU and Rs. 0.21 crore for SLDC for FY 2025-26.

3.14 Non-Tariff Income

- PSTCL has projected the Non-Tariff Income of Rs. 24.57 Crore for Transmission and Rs. 1.39 Crore for SLDC for FY 2025-26 based on recurring incomes of PSTCL as per Audited Accounts of FY 2023-24.

Table 52: Estimated Non-Tariff Income for FY 2025-26

(Rs Crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Gain on account of sale of fixed assets	8.00	0.00	8.00
2	Penalty imposed on suppliers/contractors	2.13	0.87	3.00
3	Departmental Charges on Contribution/Deposit Works	2.00	0.00	2.00
4	Oil Testing Fees	1.10	0.00	1.10
5	Lease Rental fiber optic - PGCIL	0.50	0.00	0.50
6	Work Appraisal fees	0.02	0.00	0.02
7	Rent Received from Punjab Police	1.30	0.00	1.30
8	Net Late Payment Surcharge - PSPCL	0.80	0.20	1.00
9	Net Rebate on early payment to NRLDC	0.00	0.10	0.10
10	Income from O & M of bays:-			
11	- PGCIL	1.20	0.00	1.20
12	- M/s Ultratech	1.10	0.00	1.10
13	- Ganguwal - Mohali Line	0.20	0.00	0.20
14	Miscellaneous Income	6.23	0.21	6.44
15	Total	24.57	1.39	25.95

PSTCL requests the Hon'ble Commission to approve the Non-Tariff Income of Rs. 24.57 Crore for STU and Rs. 1.39 crore for SLDC for FY 2025-26.

3.15 Aggregate Revenue Requirement

- After considering the expenses claimed for various components, Net ARR for FY 2025-26 for Transmission and SLDC is summarised in the following table: -



Table 53: Annual Revenue Requirement of Transmission & SLDC Business for FY 2025-26

(Rs. crore)

Sr. No	Particulars	Transmission		SLDC		PSTCL	
		Approved in MYT	Revised ARR	Approved in MYT	Revised ARR	Approved in MYT	Revised ARR
a.	Employee Cost	814.82	884.46	9.89	8.89	824.71	893.35
b.	A & G Expenses	34.69	31.56	0.83	1.66	35.52	33.23
c.	R & M Expenses	56.53	40.26	4.43	1.56	60.96	41.82
1	O & M Charges	906.04	956.29	15.15	12.11	921.19	968.40
2	Depreciation	369.64	362.12	4.60	2.56	374.24	364.68
3	Interest charges	272.20	263.78	3.36	1.06	275.56	264.84
4	Interest on Working Capital	40.07	39.07	0.71	0.62	40.78	39.69
5	ULDC Charges	0.00	0.00	8.88	19.24	8.88	19.24
6	Return on Equity	191.96	177.21	0.00	0.00	191.96	177.21
7	Gross ARR	1779.91	1798.47	32.70	35.59	1812.61	1834.06
8	Less: (i) Non-Tariff Income	35.57	24.57	0.23	1.39	35.80	25.95
9	Less: (ii) OA Customers	3.66	5.24	0.09	0.21	3.75	5.44
10	Net Revenue Requirement	1740.68	1768.67	32.38	33.99	1773.06	1802.66



3.16 Revenue Requirement including impact of Revenue Gap and Carrying cost of True up for FY 2023-24.

- After considering Revenue Gap and Carrying Cost on account of True up of FY 2023-24 total Revenue Requirement for FY 2025-26 is as per following table: -

Table 54: ARR including Revenue Gap for FY 2025-26

(Rs crore)

Sr No.	Particulars	STU	SLDC	PSTCL
1	Net ARR for FY 2025-26	1768.67	33.99	1802.66
2	Surplus after True-up for FY 2023-24	39.73	-	39.73
3	Carrying Cost on True up for FY 2023-24	6.99	-	6.99
4	ARR after Revenue Gap for FY 2023-24 along with Carrying Cost	1815.39	33.99	1849.38



4 Proposed Tariff for FY 2025-26

- PSTCL submits that at present there is only one distribution licensee (PSPCL) in the State. Hence, the total Annual Fixed Charges for Transmission and SLDC shall be borne by PSPCL for FY 2025-26.
- PSTCL has considered Transmission System Capacity of 13644.30 MW (15088.19 – 1443.89) estimated for FY 2025-26 excluding Transmission Capacity of NRSE Private Projects as provided by office of CE/PPR, PSPCL, Patiala. Further, the energy input required at transmission boundary for sale in the State is considered 65,470 Mkw same as approved by Hon'ble Commission in Table 133 of Chapter 4 of PSPCL Tariff Order dated May15, 2023 for FY 2023-24.
- PSERC MYT Regulations, 2022 specify that Transmission Tariff will have the following components:
 1. SLDC Charges or System Operation Charge
 2. Reactive Energy Charges
 3. Transmission Charges or Network Usage Charges

4.1 SLDC Charges or System Operation Charges

- PSTCL has computed the ARR of Rs. 33.99 Crore for SLDC for FY 2025-26. Accordingly, PSTCL has determined the SLDC Charges or System Operation Charge as under: -

Table 55: Proposed SLDC Operating Charges for FY 2025-26

Sr. No.	Particulars	(Rs. Crore)
1	Annual Fixed Charges for SLDC Business (Rs. Crore)	33.99
2	Monthly SLDC Charges (Rs. Crore/month)	2.83
3	SLDC Charges for LTA/MTA (Rs. /MW/Month)	2075.90

4.2 Reactive Energy Charges:

- The reactive energy charges, if any, raised by NRLDC on PSTCL will be recoverable from PSPCL directly by PSTCL.

4.3 Transmission Charges or Network Usage Charges:

- PSTCL has computed the ARR of Rs 1,815.39 Crore for Transmission Business of FY 2025-26, along with Revenue gap & carrying cost as discussed in the previous Chapter. Accordingly, PSTCL has determined the Transmission Charges or Network Usage Charge as shown in the following Table:

Table 56: Proposed Transmission Charges for FY 2025-26

Sr. No.	Particulars	(Rs. Crore)
1	Net ARR for FY 2025-26	1768.67
2	Surplus after True-up for FY 2023-24	39.73
3	Carrying Cost on True up for FY 2023-24	6.99
4	ARR after Revenue Gap for FY 2023-24 along with Carrying Cost	1815.39
5	Transmission System Capacity (Net) (MW)	13644.30
6	Transmission Charges per month (Rs. Crore per month)	151.28
7	Transmission Charges (Rs. /MW/month)	110875.92
8	Energy at Transmission Boundary for sale in State (MU)	65470.00
9	Transmission Charges (Rs./MWh)	277.29
10	Transmission Charges (paise/kWh)	27.73

PSTCL humbly prays to the Hon'ble Commission to approve the Transmission Charges and SLDC Charges along with past Revenue Gaps as submitted above.



5 Prayers

The Petitioner respectfully prays to the Hon'ble Commission:

- a) To admit the Petition seeking approval of True-up of ARR for FY 2023-24 in accordance with PSERC MYT Regulations, 2022 as amended from time to time for Transmission Business and SLDC Business.
- b) To approve the Revised ARR forecast for FY 2025-26 and determination of proposed Tariff for FY 2025-26 for Transmission Business and SLDC in accordance with PSERC MYT Regulations 2022, as amended from time to time;
- c) To approve Revenue Gap/(Surplus) arising on account of True-up of FY 2023-24 along with carrying cost through Tariff in FY 2025-26, as worked out in this Petition;
- d) To invoke its power under Regulation 64 in order to allow the deviations from PSERC MYT Regulations 2022, wherever sought in this Petition;
- e) To allow additions/alterations/modifications/changes to the Petition at a future date;
- f) To allow any other relief, order or direction, which the Hon'ble Commission deems fit to be issued;
- g) To condone any error/omission and to give opportunity to rectify the same;

BY THE PETITIONER THROUGH

Chief Accounts Officer/Finance and Audit,
Punjab State Transmission Corporation Limited, Patiala



6 Directives

DIRECTIVES ISSUED TO PSTCL IN TARIFF ORDER FOR FY 2024-25 AND ITS COMPLIANCE IS AS UNDER:

Table 57: Directives issued by PSERC and their Compliance Status


Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
5.1	Boundary metering, Energy Audit and Reduction in Transmission Losses	PSTCL was directed to make all-out effort to expeditiously implement the forecasting and scheduling activities and the SAMAST Scheme. However, as per latest monthly status dated 03.01.2024, 519 nos. energy meters are still to be installed and installations of all meters is expected to be completed by 31.03.2024. SLDC reported that the system is ready for implementation of PSERC (Forecasting, Scheduling, Deviation Settlement and Related Matters of Solar and Wind Generation Sources) Regulations, 2019 through SAMAST Software modules after rigorous testing and validation on actual data. Accordingly, the Commission notified that the commercial mechanism regarding deviation settlement of Solar and Wind generators shall come into force w.e.f. 01.02.2024. However, there is inordinate delay in starting the commercial mechanism as per PSERC (Deviation Settlement Mechanism and related matters) Regulation 2020. PSTCL is directed to make all out efforts to ensure expeditious implementation of SAMAST scheme and Intra-State DSM operational. Regular monthly update be sent to	<ol style="list-style-type: none"> 1. All efforts have been made to implement the scheme at the earliest. 2. All required meters have already been installed at 2 Nos. IPP's, 3 Nos. State Thermal Generators, 5 Nos. State Hydel Generators, 56 Nos. RE Generators, 1 No Open Access Generator, 12 OA Consumers and 177 Nos. PSTCL sub stations. 3. Data-Centre is operational since Dec-22 and interface metering has also been completed. 4. Software based scheduling of RE Solar was commercialized w.e.f 01.09.2023 onwards. DSM bills are being issued to QCAs w.e.f. 01.02.2024. Software modules i.e Open Access entity registration, Forecasting, Scheduling, Transmission Outage Planning, Financial Accounting, Meter Data Acquisition System and Website and Mobile application and DSM (for RE portion) are already in operational use by SLDC.


Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
		the Commission. Further, vide memo dated 26.2.2024, PSPCL has already been directed to ensure compliance with the State Grid Code.	<p>5. After implementation of 4th block, the software-based scheduling through SAMAST portal of all applicable Intra state entities has been commenced commercially w.e.f 10.07.2024 onwards.</p> <p>6. Energy Accounting Software Module, Open Access and Scheduling Module have been completed. MDP Module and MIS Module are expected to be completed by 30.11.2024.</p> <p>7. As new CERC DSM regulations 2024 has been effected w.e.f 16.09.2024, so DSM Software Modules is expected to be completed by 31.12.2024.</p>
5.2	Loading Status of PSTCL Transmission lines and Substations	PSTCL was directed to identify the transmission lines which were potentially vulnerable to overloading and take proactive steps to prevent the same. Further, the quarterly report on utilisation of the capex fund, for erection of substation and transmission lines to prevent overloading and physical progress was to be furnished. The Commission notes that quarterly report has not been supplied by the PSTCL. Still twenty-two transmission lines in Quarter-1 and twenty-six transmission lines in Quarter-2 are overloaded. Some lines like 220 kV Mohali Nalagarh circuits and 220 kV Patran Sunam are overloaded upto extent of 120% and 115% respectively. PSTCL is directed to submit quarterly report on utilisation of CAPEX in CIP and physical progress of erection of sub-station and transmission lines to prevent	Attached Annexure-A

Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
		overloading. Further, PSTCL is directed to submit within three months of the tariff order, the timelines of taking remedial measures to mitigate the overloading on already overloaded lines and the report regarding identification of the lines potentially vulnerable to overloading and the measures to pre-empt the same.	
5.3	Maintenance of voltage wise and category wise details of fixed assets:	The reply given by PSTCL has been noted. However, the Commission does not see any reason to exempt PSTCL from compliance of the directive. The Commission again directs PSTCL to comply with the directive within the next three months failing which action will be initiated for non-compliance.	As per Directive, PSTCL prepared the Voltage wise Assets of one circle and requested to the Hon'ble Commission to provide a meeting for discussing the allocation method for applying the same for all the other Assets. In the meeting, it was asked to prepare a list of Assets of 400KV which has also been sent for consideration. (Attached Annexure- B)
5.4	Reactive Compensation	PSTCL is directed to furnish within one month of issue of tariff order, report regarding sub-station/location the wise capacitors bank installed vis-a-vis the recommendation of the CPRI alongwith present operative condition of installed capacitor banks. Further, PSTCL is directed to intimate quarterly report regarding installation of capacitor banks (11 kV & 66 kV) having total capacity of 700 MVAR procured vide LOA dated 01.11.2023.	In regard to the recommendation of the CPRI, it has been gathered from the field offices that capacitor banks have already been installed at most of the recommended sub-stations. Moreover, PSTCL has issued PO no. 6104 and 6105 both dt. 22.11.2023 for the supply of 132kV, 66kV and 11kV Capacitor banks with total capacity of 688.431 MVAR, against which 44 nos. 11kV Capacitor banks (total capacity of 59.884 MVAR) have been installed at various sub-stations and 7 nos. 11kV Capacitor banks (total capacity of 9.527 MVAR) are under installation. Also, 11 nos. 66kV Capacitor Banks (119.46 MVAR) have been received, out of which 5 nos. 66kV Capacitor Banks (54.3 MVAR) are under installation & 6 nos. 66kV Capacitor Banks (65.16 MVAR) shall be installed soon on the priority basis. Further, 11

Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
			nos. 66kV Capacitor Banks (119.46 MVAR) and 2 nos. 132kV Capacitor banks (21.72 MVAR) shall be delivered by the end of November 2024 and balance 33 nos. 66kV Capacitor banks (358.38 MVAR) are expected to be delivered by the end of December 2024.



Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
5.5	Preventive maintenance of transmission lines.	<p>PSTCL was directed to take immediate steps to bring down the restoration time for faults on transmission lines. The Commission notes that the downtime/restoration of transmission lines is still inordinately high. The 220 kV Sadaur Barnala line remained under shutdown for 1099 hrs. The outage due to transient fault is of the order of 29 hrs in case of 220 kV Pong Dasuya line and outages due to lighting and thunderstorm is order of 26 hrs in case of 220 kV Nakian - Nawan shahr line. During 1st and 2nd quarters of 2023-24, PSTCL have reported 656 and 633 tripping/breakdowns on transmission lines respectively, which are on a very high side.</p> <p>PSTCL is directed to take immediate remedial steps to bring down tripping/breakdowns on the transmission line and restoration time for faults on transmission lines and to sent a status report within three months of the issue of the tariff order.</p> <p>Further:</p> <p>a) As per Directive, PSTCL was asked to submit a certificate from Director (Technical) that prescribed maintenance schedules are being strictly adhered but a certificate signed by Engineer-in-Chief (PSTCL), Ludhiana has been submitted. Certificate of Director/Technical should invariably be submitted.</p> <p style="text-align: center;"></p>	<p>Attached Annexure-C-1</p> <p>Attached Annexure-C-2 (Detail Of Tripping / Breakdown of Transmission Lines for The Quarter Ending 09/2024 under P&M Organization)</p>

Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
		<p>b) The details have been submitted with regard to maintenance practices/ schedules/ technologies being used in other organizations in the country. The task force report gives a view about various suggestions but none of these suggestions have been implemented e.g. for the replacement of existing porcelain disc insulators. The Board has considered the agenda on 24.06.2023 but no further progress regarding Board's decision and how PSTCL plans to do it has been mentioned. Also, it has been indicated that they have learnt about Haryana Vidyut Prasaran Nigam Limited using drone system to identify the shortcomings of 400 kV transmission line but no details regarding whether PSTCL is going for same or not has been detailed. Similarly, regarding man power i.e. creating separate circle of 400kV system no progress has been indicated. They have mentioned that creation is under consideration of Committee. All the details submitted are dated 27.06.2023 & have not been updated. Accordingly, PSTCL is directed to submit the status report within three months of issue of the tariff order.</p> 	

Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
5.6	Strengthening of the State Load Despatch Centre (SLDC)	<p>PSTCL was directed to submit status report along with the timelines for strengthening of the SLDC. The Commission notes that the required report regarding strengthening of SLDC has not been supplied by PSTCL. As per Electricity Act, 2003, the SLDC shall be responsible for optimum scheduling and despatch of electricity within a State, monitor grid operation in accordance with State Grid Codes. The Commercial mechanism regarding deviation settlement of solar and wind generation has come in the force w.e.f. 01.02.2024 and the commercial mechanism as per intra-state DSM Regulations shall be made operational in the near future. Moreover, with implementation of GEOA Regulation and issuance of guidelines for Banking, the role of SLDC for implementation of these regulation shall be enormous. Accordingly, PSTCL was directed to deploy adequately trained and motivated manpower with a pre-defined training calendar, minimum tenure and with appropriate incentive/compensation. However, PSTCL has only intimated some cursory measures such as stop gap arrangements to fix headquarters of 10 Nos. officers/officials under SLDC organisation.</p> <p>PSTCL is directed to take concrete steps for strengthening of SLDC in time bound manner and submit status report of the same as already directed within three months of issue of Tariff Order.</p>	<ol style="list-style-type: none"> 1. Monthly status report is being sent every month to Hon'ble Commission. 2. Punjab SLDC has been categorized as Large SLDC by Ministry of Power and issued Workforce Staffing norms as per Workforce Adequacy guidelines for SLDCs. Steps are being taken to strengthen the SLDC. 3. Power System Operator Training is being provided to SLDC employees as per training calendar issued by NPTI. Currently more than 67% PSO trained employees are posted in SLDC. 4. Further Agenda regarding Incentive/compensation for Punjab SLDC employees is under consideration and is being placed in BOD meeting.

Sr. No.	Issues	PSERC Comments & Directive	PSTCL's Reply
5.7	Capital Expenditure and Capitalisation	The Commission directs PSTCL to keep submitting the six-monthly details of Capital Expenditure and Capitalization with clear break up between Spill Over and New Schemes for Transmission and SLDC Business separately to enable monitoring and progress of work being done.	<p>List of Capex & Capitalization is placed below:-</p> <p>Annexure-D (Pertain to SLDC Organization)</p> <p>Annexure-E (Pertain to HIS & D Organization)</p> <p>Annexure-F (I), (II), (III) (Pertain to P&M Organization)</p> <p>Annexure-G (Pertain to TS Organization)</p>
5.8	Transmission charges and losses power drawn by other states through PSTCL Transmission system.	PSTCL is directed to earnestly take up the matter and recover the due transmission charges from the states/utilities for which energy is transmitted through the transmission lines operated and maintained by PSTCL. As reported by PSTCL, if other states are not signing MoUs and not paying due charges, PSTCL is directed to propose further action to be taken in the matter.	Attached Annexure-H



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1. Electronic Copy of the Petition (in Word format) and detailed calculation as per these formats (in Excel format) and any other information submitted shall also be furnished in the electronic form.

2. Formats may be suitably amended where ever required, and additional formats may be designed for any additional information to be submitted alongwith the Petition.

Annual Revenue Requirement -Transmission Business

(Rs. crore)

S. No.	Particulars	True-up	ARR
		FY 2023-24	FY 2025-26
I	II	III	IV
A	Receipts		
1	Revenue from Transmission Business and Ancillary Services	1562.71	1740.68
B	Expenditure		
1	Expenses for SLDC Fees and Charges		
2	O&M Expenses	858.15	956.28
	a) R&M Expenses	40.57	40.26
	b) Employee Cost	790.21	884.46
	c) A&G Expenses	27.37	31.56
3	Depreciation	321.26	362.12
4	Interest and Finance Charges on Loan Capital	265.90	263.78
5	Interest Charges on Working Capital	40.88	39.07
6	Extraordinary Items	0	0.00
7	Other Debts and Write-Offs	1.72	0.00
8	Statutory Levies and Taxes if Any	0	0.00
	Sub Total Expenditure (1+2+3+4+5+6+7+8)	1487.91	1621.25
C	Return on Equity	141.34	177.21
D	Total Revenue Requirement	1629.26	1798.46
E	Less: (i) Non-Tariff and other Income	37.92	24.57
	Less: (ii) Revenue from Open Access	5.24	5.24
F	Net Annual Revenue Requirement	1586.10	1768.65
	Add: Incentive	13.21	0.00
G	Total Annual Revenue Requirement	1599.31	1768.65
H	Surplus (+) / Shortfall (-) (A-H) - Before Tariff Revision	-36.60	-27.97

Note :

The above to be computed based on allocation statement that segregates costs between the Transmission Business and SLDC, until such time both activities are segregated.

Annual Revenue Requirement - SLDC Business

(Rs. crore)

S. No.	Particulars	True-up	ARR
		FY 2023-24	FY 2025-26
I	II	III	IV
A	Revenue		
1	Revenue from Fees and Charges	29.32	32.38
B	Expenditure		
1	O&M Expenses	10.35	12.10
	a) R&M Expenses	0.85	1.56
	b) Employee Cost	8.39	8.88
	c) A&G Expenses	1.11	1.66
2	Depreciation	2.30	2.56
3	Interest and Finance Charges on Loan Capital	1.22	1.06
4	Interest Charges on Working Capital	0.69	0.62
5	Prior Period Expenses	0	0.00
6	ULDC Charges	19.24	19.24
7	Other Debts and Write-Offs	0	0.00
8	Statutory Levies and Taxes if Any	0	0.00
	Subtotal Expenditure (1+2+3+4+5+6+7+8)	33.80	35.58
C	Return on Equity	0.00	0.00
D	Total Revenue Requirement	33.80	35.58
E	Less: (i) Non-Tariff and other Income	1.09	1.39
	Less: (ii) Revenue from Open Access	0.21	0.21
F	Net ARR	32.50	33.98
	Add: Incentives	0.00	0.00
G	Total ARR	32.50	33.98
H	Surplus(+) / Shortfall(-)(A-H) - Before Tariff Revision	-3.18	-1.60

Note :

The above to be computed based on allocation statement that segregates costs between the Transmission Business and SLDC, until such time both activities are segregated.

Form T3

Operations and Maintenance Expenses Summary

(Rs. Crore)

Sr. No.	Particulars	Previous Year			ARR	Remarks
		Tariff Order	April-March (Audited)	Deviation	FY 2025-26	
		(a)	(b)	(c) = (b) - (a)	Projected	
I	II	III	IV	V	VI	VII
1	O&M Expenses	825.18	862.11	36.93	968.40	
1.1	Employee Expenses	749.47	793.04	43.57	893.35	
1.2	R&M Expenses	45.61	41.42	-4.19	41.82	
1.3	A&G Expenses	30.10	27.65	-2.45	33.23	
2	O&M Expense capitalised	0	37.42	37.42	0	
3	Total Operation & Maintenance Expenses (net of capitalisation)	825.18	824.69	-0.49	968.4	

Note - 1) PSTCL submitted the O&M Expenses for FY- 2023-24 on normative basis.

2) This format is submitted consolidated for PSTCL.



Form T4

(Rs. Crore)

Sr. No.	Particulars	Approved O&M Expenses			3-Year Average	ARR	
		2022-23	2023-24	2024-25		2025-26	
		(a)	(b)	(c)	(d) = [(a)+(b)+(c)]/3	Normative	Projected
I	II	III	IV	V	VI	VII	VIII
1	Employee Expenses	840.66	749.47	834.44	808.19	893.35	893.35
2	A&G Expenses	32.80	30.10	28.77	30.56	33.23	33.23
3	R & M Expenses	36.52	45.61	38.44	40.19	41.82	41.82
4	Total O&M Expenses	909.98	825.18	901.65	878.94	968.40	968.40

Note -1) PSTCL submitted the O&M Expenses for FY 2022-23, FY 2023-24 and FY 2025-26 on normative basis. Also, for control period, O&M Expenses submitted on normative basis.

2) This format is submitted consolidated for PSTCL.



Employee Expenses

(Rs. crore)

	S.No	Particulars	FY 2023-24 Actual (Audited)	FY 2023-24 True-up	FY 2025-26 ARR
	I	II	III	IV	V
A		Employee Cost (Other than covered in 'C'&'D')			
	1	Salaries	150.59	223.81	259.63
	2	Dearness Allowance (DA)	47.16		
	3	Other Allowances	18.81		
	4	Interim Relief / Wage Revision	-		
	5	Overtime	3.32		
	6	Bonus	-		
	7	Incentive	0.00		
	8	Any Other Item (manpower through outsourcing agencies)	33.22		
		Sub Total	253.10		
B		Other Costs			
	1	Medical Expenses Reimbursement	1.49	223.81	259.63
	2	Travelling Allowance(Conveyance Allowance)	0		
	3	Leave Travel Assistance	0.66		
	4	Payment Under Workman's Compensation Act	-		
	5	Electricity Concession to Employees	0.61		
	6	Other Staff Welfare Expenses	0.33		
	7	Any Other Item (specify)	0		
	i	Uniform and livery expenses	0.05		
	ii	Ex-Gratia to employees recruited by PSTCL	0.04		
		Sub Total	3.18		
C	1	Apprentice and Other Training Expenses	-		
D		Contribution to Terminal Benefits			
	1	Earned Leave Encashment	37.71	574.80	633.72
	2	Provident Fund Contribution	17.17		
	3	Provision for PF Fund			
	4	Pension			
	5	Gratuity	499.35		
	6	Ex-gratia			
	7	Any Other Item (specify)			
	i	Miscellaneous - PF inspection fees, Solatium, Memento etc.	0.10		
	ii	Provision for Gartuitiy & leave encashment for employees recruited by PSTCL	14.91		
		Sub Total	569.24		
E		Impact of Pay Revision			
F		Grand Total (A+B+C+D+E)	825.52	798.61	893.35
G		Employee Expenses Capitalized	32.47	0.00	0.00
H		Net Employee Expenses (E)-(F)	793.05	798.61	893.35

Note :

- 1). The above information is to be provided in consolidated form in case of Transmission Licensee.
- 2). PSTCL has claimed Employee Costs on normative basis.

Form T6					
<u>Employee Strength (Regular)</u>					
S.No.	Particulars	True Up		ARR	
		FY 2023-24		FY 2025-26	
		01/04/2023		01/04/2025	
		Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year
I	II	III	IV	V	VI
	Technical				
1	Class I	327	415	328	428
2	Class II	543	1102	706	1117
3	Class III	1140	2347	977	2375
4	Class IV	16	0	14	0
	Total	2026	3864	2025	3920
	Non - Technical				
1	Class I	36	60	42	60
2	Class II	111	182	105	182
3	Class III	243	574	277	579
4	Class IV	115	387	102	392
	Total	505	1203	526	1213
	Grand Total	2531	5067	2551	5133
Note: Above classification of Employee Strength is as per Group A, B, C, D classification of employees					

Administration & General Expenses

(Rs. Crore)

S.No	Particulars		FY (2023-24)	FY 2023-24	FY 2025-26
			Audited	True-up	ARR
I	II		III	IV	V
A.	1	Lease/ Rent	0.87		
	2	Insurance	0.05		
	3	Revenue Stamp Expenses Account			
	4	Telephone, Postage, Telegram & Telex Charges	0.32		
	5	Incentive & Award to Employees/Outsiders			
	6	Consultancy Charges	0.06		
	7	Technical Fees			
	8	Other Professional Charges	0.07		
	9	Conveyance and Travelling Expenses	6.89		
	10	License and Registration Fees	0.02		
	11	Vehicle Expenses (Other Than Trucks and Delivery Vans) Vehicles Running Expenses Petrol and Oil Hiring of Vehicles	1.50		
	12	Security / Service Charges Paid to Outside Agencies	-		
	Sub Total 'A' (1 to 12)		9.77		
B. Other Charges	1	Fee and Subscription for Books and Periodicals	0.00		
	2	Printing and Stationery Expenses	0.40		
	3	Advertisement Expenses (Other than Purchase Related) Exhibition & Demo.	0.00		
	4	Contributions/Donations to Outside Institutes / Associations	0.10		
	5	Electricity Charges of Offices	15.57		
	6	Water Charges	0.01		
	7	Entertainment Charges	-		
	8	Expenses on training	0.34		
	9	Hospitality	0.12		
	10	Contingency expenses	1.68		
	11	Miscellaneous expenses	0.10		
	Sub-Total 'B' (1 To 11)		18.32		
C.	Legal Fee/Charges		0.43		
D.	Auditor's Fee		0.05		
E. Material Related Expenses	1	Freight on Capital Equipments			
	2	Purchase Related Advertisement Expenses	0.40		
	3	Vehicle Running Expenses Truck / Delivery Van	0.23		
	4	Vehicle Hiring Expenses Truck / Delivery Van	1.87		
	5	Other Freight	-		
	6	Transit Insurance	-		
	7	Octroi	-		
	8	Incidental Stores Expenses	0.16		
	9	Other	0.00		
	Sub Total 'E' (1 To 9)		2.66		
F.	Direction And Supervision Charges				
G.	Annual license fee and tariff determination fee payable to PSERC		0.52		
H.	Contribution made to PSTCL CSR Trust		-		
	Grand Total (A To G)		31.75		
	Total Charges		31.75		
	Capital Works (-)		4.09		
H.	Total Charges Chargeable To		27.66	28.48	33.23
	Revenue Expenses		27.66	28.48	33.23

Note :

- 1) The above information is to be provided in consolidated form in case of Transmission Licensee.
- 2) PSTCL has claimed it's A&G Expenses on normative basis.

Form T8

Repair & Maintenance Expenses - Transmission Business

(Rs. Crore)

S.No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited	True-up	ARR
I	II	III	IV	V
1	Plant and Machinery	0.14		
A	Sub-Stations			
	i) 440 kV	2.53		
	ii) 220 kV	22.06		
	iii) 132 kV	3.84		
B	Others	2.03		
	O and M Charges of Bays Lines maintained by PGCIL Other states UT	1.74		
	Total	32.35		
2	Buildings	2.58		
3	Civil Works	1.13		
4	Lines			
	i) 440 kV	1.04		
	ii) 220 kV	3.74		
	iii) 132 kV	0.54		
	iv) Cables	0.41		
5	Vehicles	0.45		
6	Furniture and Fixtures	0.02		
7	Office Equipments	0.03		
8	Station Supplies			
9	Maintenance by private agencies			
10	Any other item (specify)			
11	Total R&M Expenses	42.29		
12	Less: R&M Expenses Capitalized	0.87		
13	Net R&M Expense (11-12)	41.42	40.57	40.26

Note: PSTCL has claimed R&M Expenses on Normative basis. The actual R&M Expenses for FY 2023-24 submitted based on audited accounts.

Form T9

Repair & Maintenance Expenses - SLDC Business

(Rs. Crore)

S.No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Actual	True-up	ARR
I	II	III	IV	V
1	Plant and Machinery	0.84		
2	Building	0.00		
3	Civil Works			
4	Lines			
5	Vehicles	0.00		
6	Furniture and Fixtures	0.00		
7	Office Equipments	0.00		
8	Station Supplies			
9	Maintenance by private agencies			
10	Any other item (specify)			
11	Total R&M Expenses	0.85		
12	Less: R&M Expenses Capitalized	0.00		
13	Net R&M Expenses (11-12)	0.85	0.85	1.56



Form T10
Fixed Assets details for the FY 2023-24 :-

Asset Description	Account Head	Opening Balance as on 01.04.2023				Previous Year FY 2023-24 (Fixed Asset excluding asset created through Consumer Contribution and Govt. Grant (upto 90% Value & 75% Value))								
		Opening Original Cost Total Asset as on 01.04.2023 (Rs. in Crores)	Opening Original Cost of Fixed Assets created through Consumer Contribution (Rs. in Crores)	Opening Original Cost of Fixed Assets created through Govt. Grant (90% value) (Rs. in Crores)	Opening Original Cost of Fixed Assets - Others (i.e. Excluding Consumer Contribution and Govt. Grant 90%) Eligible for Depreciation (Rs. in Crores) $6 = 3 + 4 + 5$	Rate of depreciation applied for charging depreciation during FY 2023-24	Opening Original Cost of Fixed Assets - Others (i.e. Excluding Consumer Contribution and Govt. Grant 90%) Eligible for Depreciation (Rs. in Crores) $8 = 6$	Addition of Fixed Assets created through consumer contribution during FY 2023-24	Addition of Fixed Assets created through Govt. Grant (90% & 75%) at full value during FY 2023-24	Amount of Addition of Fixed Assets created through Govt. Grant for which Grant not received (i.e. 10% & 25%) eligible for depreciation during FY 2023-24 $11 = 10 \times 0.10$ $11 = 10 \times 0.25$	Addition of Fixed Assets - Others (i.e. Excluding Consumer Contribution and Govt. Grant) made during FY 2023-24	Trf from Assets not in use (i.e Re-used) during FY 2023-24 (Addition of Old Assets)	Disposal/ Withdrawal due to Sale/ Assets Trf to Assets not in use during FY 2023-24	Total amount of Original Cost of Fixed Assets eligible for Depreciation $15 = 8 + 11 + 12 + 13 + 14$
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Land and Land Rights	10.1	2,948.29	-	-	2,948.29	Mentioned against each respective asset	2,948.29	-	-	-	0.94	-	-	2,949.23
Buildings	10.2	284.33	5.50	2.83	276.00		276.00	1.12	-	-	12.66	-	-	288.66
Other Civil Works	10.4	16.75	1.22	-	15.53		15.53	-	-	-	4.03	-	-	19.56
Plant and Machinery	10.5	4,157.25	72.30	20.00	4,064.95		4,064.95	5.75	29.89	4.68	275.20	0.15	29.88	4,315.10
Lines, Cables, Networks etc.	10.6	3,490.68	169.61	2.92	3,318.14		3,318.14	15.24	23.49	5.87	67.87	-	-	3,391.88
Vehicles	10.7	17.54	-	-	17.54		17.54	-	-	-	-	-	0.61	16.94
Furniture and Fixtures	10.8	5.45	-	-	5.45		5.45	-	-	-	0.17	-	-	5.61
Office Equipments	10.9	8.96	-	-	8.96		8.96	-	-	-	0.70	-	0.15	9.51
Grand Total as per PPE (Note No. 3)		10,929.25	248.63	25.75	10,654.86		10,654.86	22.12	53.38	10.55	361.57	0.15	30.63	10,996.50

Depreciation charged During the year FY 2023-24												
Asset Description	Account Head	Depreciation charged on all other assets (i.e. Excluding Consumer Contribution and Govt. Grant upto 90%) including depreciation on 10% & 75% value of asset created against Govt. Grant During FY 2023-24	Depreciation charged on asset created through Consumer Contribution During FY 2023-24	Depreciation charged on assets created through Govt. Grant (90% & 75%) During FY 2023-24	Depreciation charged on assets created through Govt. Grant (90% & 75%) During FY 2023-24 (10% & 25% Value) $6 = 5 \times 0.10$ $6 = 5 \times 0.25$	Depreciation charged on assets created through Govt. Grant (90% & 75%) During FY 2023-24 $7 = 5 \times 0.90$ $7 = 5 \times 0.75$	Accumulated Depreciation on Assets Trf from Assets not in use (i.e Re-used) during FY 2023-24 (Addition of Accumulated Dep on Old Assets)	Accumulated Depreciation of Disposal/Withdrawal of Assets due to Sale/ Assets Trf to Assets not in use during FY 2023-24	Adjusted Accumulated Depreciation for the year 2023-24 on assets which are eligible for depreciation (Excluding consumer contribution and Govt. Grant upto 90% value) $10 = 3 + 8 + 9$	Accumulated Depreciation on Opening Assets - Others (i.e. Excluding Consumer contribution and Govt. Grant) eligible for depreciation as on 01.04.2023	Accumulated Depreciation on Opening Assets - Others (i.e. Excluding Consumer contribution and Govt. Grant) eligible for depreciation as on 31.03.2024 $12 = 10 + 11$	Net Balance of Assets eligible for depreciation at the end of the year as on 31.03.2024
1	2	3	4	5	6	7	8	9	10	11	12	13
Land and Land Rights	10.1	0.33	-	-	-	-	-	-	0.33	1.32	1.66	2,947.58
Buildings	10.2	7.77	0.22	0.11	0.01	0.09	-	-	7.77	110.44	118.21	170.45
Other Civil Works	10.4	0.60	0.04	-	-	-	-	-	0.60	2.47	3.07	16.49
Plant and Machinery	10.5	166.84	4.04	2.54	0.26	2.28	0.14	18.75	148.23	2,087.09	2,235.32	2,079.78
Lines, Cables, Networks etc.	10.6	146.67	9.56	1.43	0.36	1.07	-	-	146.67	1,622.28	1,768.95	1,622.93
Vehicles	10.7	1.37	-	-	-	-	-	0.55	0.83	6.41	7.23	9.71
Furniture and Fixtures	10.8	0.24	-	-	-	-	-	-	0.24	3.21	3.45	2.17
Office Equipments	10.9	0.38	-	-	-	-	-	0.15	0.23	7.58	7.82	1.69
Grand Total as per PPE (Note No. 3)		324.21	13.86	4.07	0.63	3.45	0.14	19.44	304.90	3,840.81	4,145.71	6,850.79

Form T11

Expenses for SLDC Fees & Charges

Particulars	Previous Year			Current Year			Control Period		
	2023-24			2024-25			2025-26		
	Contracted Capacity/ Energy (MW/MU)	Rate (Rs./MW or Paise/Unit)	Amount (Rs.) Crore	Contracted Capacity/ Energy (MW/MU)	Rate (Rs./MW or Paise/Unit)	Amount (Rs. Crore)	Contracted Capacity/ Energy (MW/MU)	Rate (Rs./MW or Paise/Unit)	Amount (Rs. Crore)
II	III	IV	V	VI	VII	VIII	IX	X	XI
Open Access Customers Connected to Transmission/Distribution System :									
a) Long Term Customers	35 MW	Rs. 1903.27/MW/Month (i.e. SLDC Operating Charges) (for the period 01.04.2023 to 15.05.2023) & Rs. 1895.12/MW/Month (i.e. SLDC Operating Charges) (for the period 16.05.2023 to 31.03.2024)	0.0796*	35 MW (for the period 01.04.2024 to 01.08.2024) & 50 MW (02.08.2024 to 31.03.2025)	Rs. 1895.12/MW/Month (i.e. SLDC Operating Charges) (for the period 01.04.2024 to 15.06.2024) & Rs. 2075.87/MW/Month (i.e. SLDC Operating Charges) (for the period 16.06.2024 to 31.03.2025)	0.11	110 MW	Rs. 2150/MW/Month (i.e. SLDC Operating Charges) (w.e.f. 01.04.2025)	
b) Medium Term Customers	3.9 MW		0.0089**	3.9 MW		0.0095	20.9 MW		
c) Short Term Customers (Intra-State)	7 MW	SLDC Operating Charges	Rs. 2000/per day or part of the day for each transaction	7 MW	Rs. 2000/per day or part of the day for each transaction	0.022	10 MW	Rs. 2000/per day or part of the day for each transaction	
Short Term Customers (Inter-State)	94.054 MW			90.7 MW		0.14	-		
Short Term Customers		NOC/Application Fee**	Rs. 10,000/- for Inter-State & Rs. 5000/- for Intra-State	0.0775****		Rs. 10,000/- (For Inter-State) & Rs. 5000/- for Intra-State	0.07	-	Rs. 10,000/- (For Inter-State) & Rs. 5000/- for Intra-State

* It includes SLDC Operating charges received w.r.t. Northern Railways only.

** Figures under MTOA pertains SLDC Operating charges received w.r.t. wheeling of power by 5 no. MHPs of Winsome Yarns Ltd. Figures under STOA Intra-state pertains to SLDC Operating charges w.r.t. wheeling by M/s NIEL from its injection unit at Amloh to drawl unit, Lalru for captive use.

*** Figures under STOA Inter-State pertains to SLDC Operating charges received from M/s Punjab Hydro for availing STOA for sale of power for April, 24 and May, 24 and M/s Northern Railways for availing STOA from July, 24 to Feb, 24.

**** Figure pertains to NOC /Application processing/ Renewal fees received w.r.t. M/s NIEL, M/S Winsome Yarns, M/s Northern Railways, M/s Punjab Hydro.

***** Projected figures for FY 2024-25 are actual charges received from Apr-24 to Sep-24 and projected charges from Oct-24 to Mar-25 based on current scenario. Further, charges for FY 25-26 cannot be projected/ worked out.

Form T12

Return on Equity

(Rs. crore)

S. No	Particulars	FY 2023-24	FY 2025-26
		True-up	ARR
I	II	III	IV
1	Opening Balance of Equity	880.85	1050.93
2	Net Additions during the Year	62.08	184.70
3	Closing Balance of Equity	942.93	1235.63
4	Average Equity during the Year	911.89	1143.28
5	Rate of Return (%)*	15.50%	15.50%
6	ROE	141.34	177.21

*To be based on rate applicable as per Regulations



Loan master for all loans

(Rs. Crore)

Particulars	Source of Loan	True-Up				APR				ARR			
		FY 2023-24				FY 2024-25				FY 2025-26			
		Opening Balance	Repayments	Additions	Closing Balance	Opening Balance	Repayments	Additions	Closing Balance	Opening Balance	Repayments	Additions	Closing Balance
I		II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII
Secured Loans													
Loan 1	REC	2367.90	255.31	685.43	2798.02	2798.02	305.84	225.00	2717.18	2717.18	395.19	270.00	2591.99
Loan 2	PFC	825.59	170.54	207.30	862.35	862.35	170.54	125.00	816.81	816.81	175.54	180.00	821.27
Loan 3	SBI-CC	265.48	0.00	30.09	295.57	295.57	0.00	0.00	295.57	295.57	0.00	0.00	295.57
Loan 4	SBI-WCL	0.00	0.00	20.00	20.00	20.00	0.00	0.00	20.00	20.00	0.00	0.00	20.00
Loan 5	SBI-MTL	104.18	75.05	0.00	29.13	29.13	29.13	0.00	0.00	0.00	0.00	0.00	0.00
Loan 6	NABARD	136.17	18.82	0.00	117.35	117.35	18.82	80.00	178.53	178.53	18.82	100.00	259.71
Loan 7	IREDA	110.00	110.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loan 8	UCO BANK	187.48	62.51	0.00	124.97	124.97	62.51	0.00	62.46	62.46	62.46	0.00	0.00
Loan 9	BANK OF INDIA	20.22	20.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Loan 10	REC-SLDC	15.66	0.69	1.81	16.78	16.78	0.75	20.00	36.03	36.03	1.34	0.00	34.69
Loan 11	OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	TOTAL SECURED LOANS	4032.68	713.14	944.63	4264.17	4264.17	587.59	450.00	4126.58	4126.58	653.35	550.00	4023.23
Unsecured Loans													
Loan 1	PSPCL	3.8	0.94	0.00	2.86	2.86	0.94	0.00	1.92	1.92	0.94	0.00	0.98
Loan 2	PFC STL	100	100	50.00	50.00	50.00	50.00	200.00	200.00	200.00	200.00	200.00	200.00
	TOTAL UNSECURED LOANS	103.80	100.94	50.00	52.86	52.86	50.94	200.00	201.92	201.92	200.94	200.00	200.98
	GRAND TOTAL	4136.48	814.08	994.63	4317.03	4317.03	638.53	650.00	4328.50	4328.50	854.29	750.00	4224.21

Notes:

1. Source of Loan means the agency from whom the loan has been taken, such as PFC, REC etc.
2. Amount repayable is based on the schedule of repayment.
3. Base rate means the base such as PLR, LIBOR etc. over which a margin is to be added.
4. Margin means the points over and above the floating rate.
5. At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.
6. Moratorium period refers to the period during which loan servicing liability is not required.
7. Repayment period means the number of years in which the loan is required to be repaid such as 10 years, 12 years etc.
8. Repayment frequency refers to the interval at which the debt servicing is to be done such as quarterly, half yearly, yearly etc.



T-14 & T-15 Format for CAPEX & Capitalization during the FY 2023-24								
S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
Spill Over Works								
1	Other Works	220 kV S/S Kotla Jagan	Schemes approved for STU (182 works) (1st MYT)	23	-	744,441	744,441	-
2	Other Works	220 kV S/Stn Chogawan	Schemes approved for STU (182 works) (1st MYT)	112	-	98,823	98,823	-
3	Other Works	220 kV Abohar- Malout DC line	Schemes approved for STU (182 works) (1st MYT)	15	271,872,384	7,280,354	279,152,738	-
4	Other Works	220 kV PGCIL(Ludhiana)- Doraha DC line	Schemes approved for STU (182 works) (1st MYT)	17	31,335,202	32,996,194	-	64,331,396
5	Other Works	LILO of 220 kV line from 400 kV S/Stn Moga to 220 kV S/Stn Himmatpura at 220 kV S/Stn Badhni Kalan	Schemes approved for STU (182 works) (1st MYT)	45	10,011	506,062	516,073	-
6	Other Works	220 kV S/Stn Alawalpur (U/G from 132 kV)	Schemes approved for STU (182 works) (1st MYT)	46	194,826	20,386	215,212	-
7	Other Works	LILO of one ckt. of 220 kV S/Stn BBMB, Jalandhar - 220 kV S/Stn Pong DC line (ckt-3) at 220 kV S/Stn Alawalpur	Schemes approved for STU (182 works) (1st MYT)	47	859,001	146,126	1,005,127	-
8	Other Works	220 kV S/Stn Amlah	Schemes approved for STU (182 works) (1st MYT)	49	285,109	4,900	290,009	-
9	Other Works	132 kV Shanan- Kangra- Pathankot line with new ACSR wolf conductor	Schemes approved for STU (182 works) (1st MYT)	61	40,287	-	40,287	-
10	Other Works	132 kV S/S Tanda	Schemes approved for STU (182 works) (1st MYT)	66	53,006	-	53,006	-
11	Other Works	LILO of 220 kV line from 220 kV S/Stn Himmatpura to 220 kV S/Stn Jagraon at 220 kV S/Stn Aiiitwal.	Schemes approved for STU (182 works) (1st MYT)	77	5,405	-	5,405	-
12	Other Works	220 kV S/Stn Ferozepur Rd. Ludhiana	Schemes approved for STU (182 works) (1st MYT)	80	23,087	-	23,087	-
13	Other Works	132 kV Jamalpur-Moga line Ckt. No. 1	Schemes approved for STU (182 works) (1st MYT)	91	924,711	6,113	930,824	-
14	Other Works	220 kV S/Stn Dasuya	Schemes approved for STU (182 works) (1st MYT)	114	1,627,764	21,438	1,649,202	-
15	Other Works	220 kV S/Stn Badhni Kalan (U/G from 132 kV)	Schemes approved for STU (182 works) (1st MYT)	115	1,412	-	1,412	-
16	Other Works	220kv S/S Alawalpur	Schemes approved for STU (182 works) (1st MYT)	125	3,320,431	640,851	3,961,282	-

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
17	Other Works	Replacement of 11 kV VCBs with SCADA Complaint VCBs at various sub stations in the city of Ludhiana, Jalandhar & Amritsar	Schemes approved for STU (182 works) (1st MYT)	141	1,202,499	12,464	1,214,963	-



S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
18	Other Works	220 kV DC line from 220 kV S/Stn Gaunsgarh to 220 kV S/Stn Ladhawal.	Schemes approved for STU (182 works) (1st MYT)	143	-1	1	-	-
19	Other Works	220 kV S/Stn Alawalpur	Schemes approved for STU (182 works) (1st MYT)	144	1,264,602	-5,405	1,259,197	-
20	Other Works	220 kV S/Stn Tibber	Schemes approved for STU (182 works) (1st MYT)	149	1,579,816	15,929	1,595,745	-
21	Other Works	132 kV Pathankot	Schemes approved for STU (182 works) (1st MYT)	164	56,921	1,358,085	-	1,415,006
22	Other Works	220 kV S/Stn Jadla	Schemes approved for STU (182 works) (1st MYT)	167	1,052,903	52,638	1,105,541	-
23	Other Works	Un-foreseen emergency works	Schemes approved for STU (182 works) (1st MYT)	182	5,144,670	161,087	514,993	4,790,764
24	Other Works	400 kV S/s Ropar New Grid (in the premises of GGSSTP)	Table 13 Scheme outside the first MYT approval	1	10,180,048	29,645,114	-	39,825,162
25	Other Works	132 kV Sihora-132 kV Seh SC line 2no. 132 kV line bays (one at each end)	Table 13 Scheme outside the first MYT approval	2	65,897,291	52,903,691	1,779,270	117,021,712
26	Other Works	220 kV S/S Beas (new)	Table 13 Scheme outside the first MYT approval	4	1,121,536	1,052,569	1,880,177	293,928
27	Other Works	220 kV Side bus extension arrangement to be made at 400 kV Rajpura for providing suitable space for 2 Nos 220 kV Bays	Table 13 Scheme outside the first MYT approval	5	3,717,889	4,353,995	4,569,987	3,501,897
28	Other Works	220 kV Patti	Table 13 Scheme outside the first MYT approval	8	33,225,810	3,589,636	33,583,192	3,232,254
29	Other Works	220 kV Dhandari Kalan - 2	Table 13 Scheme outside the first MYT approval	10	699,273	131,305,074	131,305,074	699,273
30	Other Works	220 kV Dhandari Kalan - 2	Table 13 Scheme outside the first MYT approval	12	13,546,484	1,173,715	-	14,720,199
31	Other Works	400 kV S/Stn Nakodar(2x315 MVA, 400/220 kV) (Amendment no. 43 /2018-19)	Table 13 Scheme outside the first MYT approval	3a	13,278,492	37,456,736	-	50,735,228
32	Other Works	220 kV S/S Sahnewal	Table No. 11 (Spill over Works) (18 Schemes)	2	7,352,287	329,330	230,140	7,451,477
33	Other Works	220 kV S/StnBanga (U/G from 132 kV)	Table No. 11 (Spill over Works) (18 Schemes)	3	885,957	400,913	1,286,870	-
34	Other Works	220 kV DC line from 220 kV S/StnGaunsgarh to 220 kV S/StnLadhawal.	Table No. 11 (Spill over Works) (18 Schemes)	8	17,411	1,840,957	1,858,368	-

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
35	Other Works	220 kV S/StnBhawanigarh	Table No. 11 (Spill over Works) (18 Schemes)	13	722,991	-189,670	533,321	-
36	Other Works	1. Aug/Strengthening of bus bars 2. Extension in Switchyard buildings, Provision for AC etc. 3. Provision for Reactive Compensation 4. Addition of bays/system strengthening required on account of RE generation	Table No. 11 (Spill over Works) (18 Schemes)	15-18	35,293,577	15,470,203	42,136,749	8,627,031
37	Other Works	1. Aug/Strengthening of bus bars 2. Extension in Switchyard buildings, Provision for AC etc. 3. Provision for Reactive Compensation 4. Addition of bays/system strengthening required on account of RE generation	Table No. 11 (Spill over Works) (18 Schemes)	4-7	4,364,097	3,190,114	3,471,723	4,082,488
38	Other Works	1. Aug/Strengthening of bus bars 2. Extension in Switchyard buildings, Provision for AC etc. 3. Provision for Reactive Compensation 4. Addition of bays/system strengthening required on account of RE generation	Table No. 11 (Spill over Works) (18 Schemes)	9-12	38,953,189	13,530,057	41,567,582	10,915,664
39	Other Works	Bus Bar Protection scheme for 45 no S/Stns. (90% funding Under Power System Development Fund (PSDF), 10% amount accounted for in FY 2017-18	Table No. 11 (Spill over Works) (27 Schemes)	2	2,978,886	-2,978,886	-	-

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
40	Other Works	400 kV S/Stn. Makhu	Table No. 11 (Spill over Works) (27 Schemes)	3	1,502,144	975,486	2,477,630	-
41	Other Works	220 kV S/S Dhandhari Kalan 1 and 2	Table No. 11 (Spill over Works) (27 Schemes)	4	51,392,338	459,421	-	51,851,759
42	Other Works	Procurement of Hardwares, Server, Furniture, IT Space renovation (Civil Works) & Unforeseen Capital Investment	Table No. 11 (Spill over Works) (27 Schemes)	5	20,019	-14,894	5,125	-
43	Other Works	LILO of one ckt. of 400 kVJalandhar- Kurukshetra D/C line f at 400 kV Dhanansu(Quad Moose)	Table No. 11 (Spill over Works) (27 Schemes)	15	151,264,119	40,030,118	191,294,237	-
44	Other Works	220 kV S/StnJadla	Table No. 11 (Spill over Works) (27 Schemes)	21	500,787	69,496	570,283	-
45	Other Works	220 kV S/StnBotianwala (Thatha Sahib)	Table No. 11 (Spill over Works) (27 Schemes)	22	18,853,430	10,373,241	19,392,233	9,834,438
46	Other Works	220 kV S/StnMajitha	Table No. 11 (Spill over Works) (27 Schemes)	23	12,069,004	8,658,445	-	20,727,449
47	Other Works	132 kV S/Stn Pathankot	Table No. 11 (Spill over Works) (27 Schemes)	24	1,700,318	18,325	1,718,643	-
48	Other Works	New Civil Works in respect of 5 no. stores such as sheds, plinths and Boundry walls etc.	Table No. 11 (Spill over Works) (8 Schemes)	1	556,012	1,070,639	1,626,651	-
49	Other Works	220 kV DC line from 400 kV Jalandhar (PGCIL) to 220 kV Kartarpur	Table No. 11 (Spill over Works) (8 Schemes)	8	279,890	-	279,890	-
50	Other Works	220 kV S/ Stn Sherpur (Focal Point) (U/G from 66 kV grid with 220 kV side GIS and 66 kV side Conventional)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	1	250,773,203	46,367,268	-	297,140,471
51	Other Works	LILO of 1 ckt of 220 kV S/Stn Jamalpur - 220 kV S/StnDhandari Kalan-1 line at 220 kV S/StnSherpur (Focal Point)(Amendmen t 25 2018-19)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	2	1,137,167	8,175,328	298,800	9,013,695

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
52	Other Works	220 kV S/StnBudhlada (U/G from 66 kV)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	3	60,764,480	8,384,171	-	69,148,651
53	Other Works	220 kV S/Stn Mansa - 220 kV S/StnBudhlada DC Line	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	4	231,335,718	73,986,597	-	305,322,315
54	Other Works	400 kV S/StnDoraha (New at Village Dhanansu)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	5	51,486,750	65,785,552	84,584,182	32,688,120
55	Other Works	(i) 400 kV Bays (ii) 220 kV Bays at 400 kV S/StnDoraha	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	6	995,690	721,378	529,750	1,187,318
56	Other Works	400 kV Grid Dhanansu (near Doraha)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	7	-	4,979,062	4,979,062	-
57	Other Works	220 kV Bays (2 Nos. at Doraha, 2Nos. at Kohara including double bus erection of 220 kV and 2 no. ICT bays at Dhanansu)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	10	-	2,226	-	2,226
58	Other Works	40 km (approx.) Line Length / 1xDC with 420 sq mm ACSR (Zebra)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	11	353,409,586	42,297,752	2,805,044	392,902,294
59	Other Works	220 kV Bays	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	14	271,532	388,252	-	659,784
60	Other Works	400 kV Grid Dhanansu (near Doraha)	Annexure 1, Part A Spill over works of 1st Control Period (From FY 2017-18 to FY 2019-20)	7-10	50,956,485	40,694,524	2,219,003	89,432,006

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
61	Other Works	E-2324-781-08437 » 2023-24 , 18TLSC JAL22-23 , Survey for Lilo of 220KV Nakodar - Kartarpur at 220KV S/S Chitti	Annexure 1, Part B Spill Over Works approved by the Board in FY 2019-20 outside the first MYT approval	17	-	214,286	214,286	-
62	Other Works	Scheme for providing 45 nos. Remote Terminal Units for SCADA/EMS system at 220 & 132 kV Substations of PSTCL in Punjab	Annexure 5, Part A Capital Investment Plan of SLDC Business submitted by PSTCL - STU	1	2,601,886	-2,601,886	-	-
63	Other Works	Scheme for providing 45 nos. Remote Terminal Units for SCADA/EMS system at 220 & 132 kV Substations of PSTCL in Punjab	Annexure 5, Part A Capital Investment Plan of SLDC Business submitted by PSTCL.	1	23,268,061	4,618,431	26,140,123	1,746,369
64	Government Grants	Replacement of conductor of 220 kV line from 400 kV S/Stn Ludhiana to 220 kV S/Stn Lalton Kalan (1st & 2nd ckt) with HTLS conductor	Schemes approved for STU (182 works) (1st MYT)	106,122	-	514,254	-	514,254
65	Government Grants	132 kV Verpal-Mall Mandi Line - Replacement of 23 No. damaged Towers & Augmentation of 0.2 sq inch conductor with HTLS conductor (12 km line length)	Schemes approved for STU (182 works) (1st MYT)	56	-	87,243	-	87,243
66	Government Grants	Power System Development Fund (PSDF) scheme for second source of Battery at 220 and 132 kV S/stn.(90% funding Under PSDF, 10% amount accounted for in FY 2017-18	Schemes approved for STU (182 works) (1st MYT)	72	7,051,697	(64,504)	6,987,193	-
67	Government Grants	220 kV DC line from 400 kV Jalandhar (PGCIL) to 220 kV Kartarpur - Augmentation of existing conductor of both circuits with HTLS conductor of min 1200 A capacity	Schemes approved for STU (182 works) (1st MYT)	180	2,917,729	7,718,613	10,636,343	-
Total Spill Over Works (A)					1,828,197,309	701,042,859	915,338,297	1,613,901,871

New works

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
1	Other Works	Installation and Commissioning of 47 No. RTU and its allied equipment by M/S DFE Electronics Pvt Ltd.	Schemes approved for SLDC (2nd MYT)	1	208,373	-	-	208,373
2	Other Works	80 nos. interface energy meter (ABT type) of 0.2S accuracy class	Schemes approved for SLDC (2nd MYT)	8	667,375	-	-	667,375
3	Other Works	80 nos. interface energy meter (ABT type) of 0.2S accuracy class	Schemes approved for SLDC (2nd MYT) - STU	1	1,329,882	-372,443	-	957,439
4	Other Works	Installation of bus couplers at various 220 kv & 132 kv S/s	Schmes approved by PSERC in Amendment order dated 02.03.2022	1	377,499	-	377,499	-
5	Other Works	1 No. 400kV ICT bay, 1 No. 400 kV Tie bay, 1 No. 400 kV Future bay, 1 No. 220 kV ICT bay at 400 kV Rajpura. Amendment No. 20/ 2018-19	Table 15 (Scheme Already planned for 2020-23)	1	53,168,650	17,661,756	70,830,406	-
6	Other Works	Termination of direct link 220 kV between Lalton Kalan Sahnewal (Amendment no. 18 / 2018-19)	Table 15 (Scheme Already planned for 2020-23)	2	254,029	-165,764	88,265	-
7	Other Works	220 kV Kharar	Table 17 (Scheme New planned for 2020-23)	11	4,688	-	4,688	-
8	Other Works	220kV G.T. Road Ludhiana (New GIS) or (in Ludhiana area)Includind SAS for RS 1cr.	Table 17 (Scheme New planned for 2020-23)	14	8,268,036	383,045	-	8,651,081
9	Other Works	220 kV Gobindgarh S/s (New Grid in the near by area of existing 220 kV S/s Gobindgarh-I). Includind SAS for RS 1cr.	Table 17 (Scheme New planned for 2020-23)	18	5,840,502	62,946	5,903,448	-
10	Other Works	132 kVSwadi Kalan	Table 17 (Scheme New planned for 2020-23)	38	881,769	-	881,769	-
11	Other Works	ii) 220 kV Abohar	Table 17 (Scheme New planned for 2020-23)	40	1,967,494	2,490,848	4,458,342	-
12	Other Works	iii) 220 kV Passiana	Table 17 (Scheme New planned for 2020-23)	41	23,180	-23,180	-	-

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
13	Other Works	iv) 220 kV Dhuri	Table 17 (Scheme New planned for 2020-23)	42	-	25,834,504	25,834,504	-
14	Other Works	v) 220 kV Mohali - I	Table 17 (Scheme New planned for 2020-23)	43	43,963,787	504,906	44,468,693	-
15	Other Works	vi) 220 kV Banur	Table 17 (Scheme New planned for 2020-23)	44	1,272,739	2,258,591	-	3,531,330
16	Other Works	xi) 220 kV Badsahpur	Table 17 (Scheme New planned for 2020-23)	49	91,963	19,257,962	-	19,349,925
17	Other Works	xiii) 220 kV Udhoke	Table 17 (Scheme New planned for 2020-23)	51	-	1,647,802	1,647,802	-
18	Other Works	xviii) 220 kV Doraha	Table 17 (Scheme New planned for 2020-23)	56	18,691	-1,800	16,891	-
19	Other Works	xxviii) 132kV Shri Hargobindpur	Table 17 (Scheme New planned for 2020-23)	65	1,367,278	-32,614	-	1,334,664
20	Other Works	132 kV S/s Kotkapura-I	Table 17 (Scheme New planned for 2020-23)	76	2,254,095	514,984	-	2,769,079
21	Other Works	132 kV Kapurthala.	Table 17 (Scheme New planned for 2020-23)	79	122,484	-	122,484	-
22	Other Works	132 kV Panjgraian.	Table 17 (Scheme New planned for 2020-23)	81	12,287,485	122,734	12,410,219	-
23	Other Works	IGC Bathinda (Aug)	Table 17 (Scheme New planned for 2020-23)	83	6,186,618	29,524,215	35,710,833	-
24	Other Works	132 kV Gholian Kalan.	Table 17 (Scheme New planned for 2020-23)	84	4,405,049	34,241,516	37,905,595	740,970
25	Other Works	Augmentation of 132 kV Nawanpind - Verka, 5 KM (0.2sq") and 132 kV Nawanpind - Malmandi (5KM 0.2sq") with suitable HTLS conductor.	Table 17 (Scheme New planned for 2020-23)	86	180,675	19,068	-	199,743
26	Other Works	132 kV GT Road Amritsar & 132 kV Sakatari Bagh Asr	Table 17 (Scheme New planned for 2020-23)	89	10,490,712	7,812	10,498,524	-
27	Other Works	132 kV GT Road Amritsar & 132 kV Sakatari Bagh Asr	Table 17 (Scheme New planned for 2020-23)	90	668,933	7,210	676,143	-
28	Other Works	Unforeseen emergency works	Table 17 (Scheme New planned for 2020-23)	92	20,347,294	8,301,145	8,357,311	20,291,128
29	Other Works	220 kV Gobindgarh S/s (New Grid in the near by area of existing 220 kV S/s Gobindgarh-I). Including SAS for RS 1cr.	Table 17 (Scheme New planned for 2020-23)	19 & 20	-	1,203,204	-	1,203,204

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
30	Other Works	Bus Bar Protection scheme for 45 no S/Stns. (90% funding Under Power System Development Fund (PSDF), 10% amount accounted for in FY 2017-18	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	28	-	283,146,981	-	283,146,981
31	Other Works	400 kV Dhanansu(already planned) its additional 400 kV link required	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	31	-	1,176,261	1,176,261	-
32	Other Works	220 KV Banga	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	33	2,455,377	99,869,307	102,324,684	-
33	Other Works	LILO of 220 kV Ladawal - Gaunsgarh (DC) lines both ckts. at 220 kV G.T. Road Ludhiana. LILO Length = 7KM (appx.), conductor size 0.4sq" (2xDC lines).	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	35	-	1,184,329	1,184,329	-
34	Other Works	220 kV Gobindgarh S/s (New Grid in the near by area of existing 220 kV S/s Gobindgarh- I). Including SAS for RS 1cr. (Pharmaceuticals Wazirabad new)	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	38	-	304,695,607	272,729,680	31,965,927
35	Other Works	Augmentation/add itions of transformers at 220/132 kV level.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	46	25,546,357	118,901,090	117,153,565	27,293,882
36	Other Works	i) 220 kV Singhawala	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	52	-	1,677,075	-	1,677,075



S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
37	Other Works	vii) 220 kV Khassa	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	53	-	25,331,196	25,331,196	-
38	Other Works	xxii) 132kV Ferozshah	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	56	-	31,095,570	31,095,570	-
39	Other Works	xxvi) 132kV Kathunangal	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	59	-	29,533,629	-	29,533,629
40	Other Works	Augmentation of bus bars, extension in control room building, providing room for second source for station battery etc.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	60	61,064,302	29,003,376	37,056,306	53,011,372
41	Other Works	Additional 220/132/66 kV line bays related with feasibility cases or as per PSPCL requirement.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	61	17,733,391	10,201,267	13,626,754	14,307,904
42	Other Works	Second source of battery at various 220/132 kV S/s of PSTCL	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	62	9,868,051	10,358,088	1,349,098	18,877,041
43	Other Works	90 nos PSTCL grids (220 kV) to be provided with SAS. Report already sent for PSDF funding if approved, these stations will be upgraded.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	63	148,157	52,089	200,246	-
44	Other Works	Replacement of existing conductor of 220 kV Gobindgarh - 400kV Rajpura (DC) with HTLS of suitable capacity.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	64	-	72,062,450	71,271,334	791,116

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
45	Other Works	Additional of 14 No T/f on account of making (N-1) complaint system for those grids where only one T/f existing (Annexure-C).	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	65	66,700,317	668,373,493	451,983,284	283,090,526
46	Other Works	132 kV works Bilaspur	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	66	-	27,739,301	27,739,301	-
47	Other Works	Augmentation of 132 kV GGSSTP - Asron) 6 KM 0.2sq") and 132 kV GGSSTP - Ropar (19.76 KM) 0.2sq".	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	68	49,557	9,108,169	-	9,157,726
48	Other Works	400 kV S/s Ropar New Grid (in the premises of GGSSTP)	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	23-30	917,356,222	305,984,515	-	1,223,340,737
49	Other Works	220 kV Gurdaspur including SAS of RS 1 cr	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	49-50	110,785,705	27,807,995	107,443,551	31,150,149
50	Other Works	Augmentation of bus bars, extension in control room building, providing room for second source for station battery etc.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	60	-	91,887	-	91,887
51	Other Works	220 kV S/ Stn Sherpur (Focal Point) (U/G from 66 kV grid with 220 kV side GIS and 66 kV side Conventional)	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	1	6,920,502	14,034,776	20,644,321	310,957
52	Other Works	LILO of 1 ckt of 220 kV S/Stn Jamalpur - 220 kV S/StnDhandari Kalan-1 line at 220 kV S/StnSherpur (Focal Point)(Amendmen t 25 2018-19)	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	2	-	8,848,803	2,814,242	6,034,561

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
53	Other Works	220 kV S/StnBudhlada (U/G from 66 kV)	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	3	319,484,763	333,878,094	653,362,857	-
54	Other Works	220 kV S/Stn Mansa - 220 kV S/StnBudhlada DC Line	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	4	-	26,101,919	-	26,101,919
55	Other Works	400 kV S/StnDoraha (New at Village Dhanansu)	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	5	4,608	348	-	4,956
56	Other Works	(i) 400 kV Bays (ii) 220 kV Bays at 400 kV S/StnDoraha	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	6	-	168,569	-	168,569
57	Other Works	220 kV S/S Kharar.	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	8	-	128,868,759	127,026,711	1,842,048
58	Other Works	220 kV Line Verpal-Patti	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	9	-	23,799,624	-	23,799,624
59	Other Works	Installation of capacitor banks at Various S/Stns. (Patran)	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	12	-	14,532	14,532	-
60	Other Works	220 kV Mubarikpur (U/G from 66 kV substation Mubarikpur)	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	13	-	145,341	-	145,341
61	Other Works	220 kV Bays	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	14	-	1,199,343	-	1,199,343
62	Other Works	220K S/S MGG-1	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	16	-	8,208,826	1,869,312	6,339,514

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
63	Other Works	E-2324-781-08437 » 2023-24 , 18TLSC JAL22-23 , Survey for Lilo of 220KV Nakodar - Kartarpur at 220KV S/S Chitti	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	17	38,590	2,917	-	41,507
64	Other Works	1 No. 3rd Additional 20 MVA, 132/11 kV T/F, 66/11 kV T/F at 220/132 KV S/S	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	18	380,970	128,235,883	92,055,111	36,561,742
65	Other Works	Rearrangement of connectivity of Transmission lines in Patiala Circle to control the existing overloading of certain lines	Annexure 1, Part D - Spill over of Works approved outside 2nd MYT 2020-23 by Petition/BOD approval	19	-	37,378,848	1,539,168	35,839,680
66	Other Works	(i) 400 kV Bays (ii) 220 kV Bays at 400 kV S/StnDoraha	Annexure 1, Part E - P & M Works	6	20,405,395	11,363,301	30,428,184	1,340,512
67	Other Works	400 kV Grid Dhanansu (near Doraha)	Annexure 1, Part E - P & M Works	7	722,993	1,720,228	2,443,222	-1
68	Other Works	220 kV S/S GNDTP (Additional 160 MVA, 220/66 kV transformer including 66kV busbar extension (2x50MVA 132/66KV will be spared)	Annexure 3 New works for 3rd Control Period	1	-	1,151,339	1,151,339	-
69	Other Works	Upgradation of 66 kV Bhalaiana to 220 kV sub-station.	Annexure 3 New works for 3rd Control Period	2	-	2,807	-	2,807
70	Other Works	Upgradation of 66 kV Chaherhu to 220 kV level (2nd 100MVA, 220/66kV T/F for N-1)	Annexure 3 New works for 3rd Control Period	5	-	76,982	-	76,982
71	Other Works	Upgradation of 66 kV Gill Road Ludhiana to 220 kV level (Under Study)	Annexure 3 New works for 3rd Control Period	6	-	-	-	-
72	Other Works	Upgradation of 66 kV Bhadson to 220 kV level.	Annexure 3 New works for 3rd Control Period	8	-	9,708	-	9,708
73	Other Works	Upgradation of 66 kV Toot to 220 kV level.	Annexure 3 New works for 3rd Control Period	10	-	1,938,651	1,938,651	-
74	Other Works	Upgradation of 132 kV Jandiala Guru to 220 kV level	Annexure 3 New works for 3rd Control Period	12	-	72,417	-	72,417
75	Other Works	Upgradation of 132 kV Tanda to 220 kV level	Annexure 3 New works for 3rd Control Period	13	-	2,410	-	2,410

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
76	Other Works	220 kV S/S Bajakhana	Annexure 3 New works for 3rd Control Period	16	-	820,348	-	820,348
77	Other Works	Double bus bar arrangement at 220 kV Butari	Annexure 3 New works for 3rd Control Period	33	-	86,081	-	86,081
78	Other Works	Upgradation of 66 kV Ajnala to 220 kV level	Annexure 3 New works for 3rd Control Period	35	-	324,583	-	324,583
79	Other Works	220 kV Talwandi sabo	Annexure 3 New works for 3rd Control Period	45	-	24,892,177	24,892,177	-
80	Other Works	220 kV Bottianwala	Annexure 3 New works for 3rd Control Period	46	-	26,350,730	26,350,730	-
81	Other Works	220 kV Baghapurana	Annexure 3 New works for 3rd Control Period	47	-	24,768,377	24,768,377	-
82	Other Works	132 kV Bhogpur	Annexure 3 New works for 3rd Control Period	48	-	29,833,844	29,833,844	-
83	Other Works	220 kV Barnala (Handiaya)	Annexure 3 New works for 3rd Control Period	55	-	9,811,209	-	9,811,209
84	Other Works	220 kV Hoshiarpur (Hoshiarpur- Chohal Loading)	Annexure 3 New works for 3rd Control Period	58	-	1,250,800	-	1,250,800
85	Other Works	220 kV Malerkotla	Annexure 3 New works for 3rd Control Period	60	-	360,570	354,968	5,602
86	Other Works	Augmentation of bus bars, extension in control room building, providing room for second source for station battery etc.	Annexure 3 New works for 3rd Control Period	68	-	7,339,389	-	7,339,389
87	Other Works	Augmentation/additions of T/fs at 220/132/66 kV kV S/Stns of PSTCL.	Annexure 3 New works for 3rd Control Period	69	-	28,290,531	27,750,395	540,136
88	Other Works	Additional 220/132/66 kV line bays related with feasibility cases or as per PSPCL/PSTCL Requirement	Annexure 3 New works for 3rd Control Period	70	-	4,613,938	-	4,613,938
89	Other Works	Unforeseen emergency works	Annexure 3 New works for 3rd Control Period	71	-	228,439,751	138,048,264	90,391,487
90	Other Works	Procurement/Replace ment of 66 nos. RTUs for various substations of PSTCL	Annexure 5, Part B Spill Over Works of 2nd MYT Control Period (From FY 2020-23) SLDC	5	4,540,851	1,291,570	-	5,832,421

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
91	Other Works	E-2122-783-11012 » 2021-22 - 38-CW-2021-22 - Extension of switch house building and allied civil works at 220kv S-S Lalru-	Any Other	Amendment no. 9/2019-20 dated 30.04.19.	-	227,062	-	227,062
92	Other Works	E-2324-783-11070 » 2023-24 - 33-CW-2023-24 - Construction of proposed addition-alteration in SHB at 220kv s-s Jagraon	Any Other	At risk and cost of M/s Amritpal Singh Dhaliwal Contractor	-	37,844	-	37,844
93	Other Works	E-2223-783-10132 » 2022-23 - 14-CW-2022-23 - Upliftment of Crane Bay Complex at 220 KV Sub Station Jamsher	Any Other	BoD approved work vide agenda no. 19/CE/ TS Dated 22-06-2022	-	875,098	-	875,098
94	Other Works	E-1819-262-00220 Â» 2018-19 , TLW-C-172018-19 Renovation of shakti sadan building PSTCL Patiala	Any Other	BoD approved work vide agenda no. 70/CE/TS Dated 01-03-2018	-	244,593	244,593	-
95	Other Works	E-2223-783-11089 Â» 2022-23 17-CW-2022-23 Cutting of shrubs and levelling of land beyond yard area to give uniform-even look to vacant area at 400KV SS Rajpura	Any Other	BoD approved work vide agenda no. 99/TS Dated 28-08-2018	-	1,978,534	-	1,978,534
96	Other Works	E-2324-781-09774 » 2023-24 , , Survey work of Raising of RTP-G1 ckt 1 & 2	Any Other	NHAI (Survey Work)	-	18,679	-	18,679
97	Other Works	E-2223-781-10423 » 2022-23 , Tlw-p-42 , Raising of height of Nabha Bhalwan line	R&M	R&M	-	18,377	-	18,377
98	Other Works	TLW-P-66/16-17-LILO OF 220 KV ONE CKT OF 220 KV BBMB JALANDHAR -220 KV PONG DC LINE CKT NO. 3 AT 220 KV S/S ALAWALPUR	Any Other	Sr No. 01 of Plaaning & communication patiala vide letter No. 137/38 Dated 01-04-2016	-	77,835	77,835	-

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
99	Other Works	01/TLSC-JAL/-P R Survey, detailed survey and preparation of route plan for 220KV Mahilpur - Proposed 220KV Railway TSS, E-2122-783-06410 » 2021-22 » 21/CW/2021-22 » Civil works for construction of 1 no addl 160 mva t/ f plinth and allied civil works at 220 kv S/S BBMB Jamalpur, E-2223-781-07181 » 2022-23 , TLW-P-15DW20/2 , RAISING HEIGHT OF 220kv BBMB AND 132 KV IGC MES, E-2223-783-08210 » 2022-23 - CWM-04-2022-23 - Const- Of 66kv JMK bay at 220kv S-S Gobindgarh G-4, Raising of 132 KV Mukerian PH-I to PH-II LINE	Any Other	Contributory Works	6,062,960	-3,958,907	-	2,104,053
100	Other Works	E-2324-783-11193 2023-24 WTC-1-2023-24 Construction of SGF and allied civil works for 220KV railway line bay at 220KV SS Ghubaya	Contributory work	Contributory Work	-	2,183	-	2,183
101	Government Grants	Implementation of SAMAST scheme in Punjab (Procurement of meters, communication equipment and Hardware and software for Scheduling, Accounting, Metering and settlement of transaction of Electricity)	Annexure 5, Part B Spill Over Works of 2nd MYT Control Period (From FY 2020-23)	4	5,357,488	10,688,830	-	16,046,318
102	Government Grants	Bus Bar Protection scheme for 45 no S/Stns. (90% funding Under Power System Development Fund (PSDF), 10% amount accounted for in FY 2017-18	Table No. 11 (Spill over Works) (27 Schemes)	2	11,901,199	39,743	11,940,942	-

S.NO	Category	Name of Work	MYT Approval Sub Group	MYT Work Serial No.	Opening Balance as on 01.04.2023	Total Additions during FY 2023-24	Total Capitalization during FY 2023-24	Sum of Closing Balance as on 31.03.2024
103	Government Grants	Replacement of existing conductor of 220 kV Gobindgarh - 400kV Rajpura (DC) with HTLS of suitable capacity.	Annexure 1, Part C Spill over of New Works planned for the 2nd Control period from FY 2020-21 to 2022-23	64	43,738,289	4,085,045	47,823,333	-
104	Government Grants	400 kV S/Stn Nakodar(2x315 MVA, 400/220 kV) (Amendment no. 43 /2018-19)	Table 13 Scheme outside the first MYT approval	3a	6,655,654	86,397	6,742,051	-
105	Government Grants	400 kV S/s Ropar New Grid (in the premises of GGSSTP)	Table 17 (Scheme New planned for 2020-23)	7	121,476,616	167,900,868	21,377,857	267,999,627
Total New Works (B)					1,936,047,594	3,498,862,626	2,817,351,592	2,617,558,628
Total (A+B)					3,764,244,903	4,199,905,485	3,732,689,889	4,231,460,498

Interest and Finance Charges

S. No.	Loan Source	Rate of Interest (%)			Interest Due (Rs. Crore)		
		True-Up	APR	ARR	True-Up	APR	ARR
		FY 2023-24	FY 2024-25	FY 2025-26	FY 2023-24	FY 2024-25	FY 2025-26
I	II	III	IV	V	VI	VII	VIII
I	Existing Loans						
A	Secured Loans						
1	Loan 1 REC	8.13% TO 10.25%	8.13% TO 10.50%	8.13% TO 10.50%	228.74	270.00	280.00
2	Loan 2 PFC	8.15% - 9.75%	8.15% - 9.75%	8.15% - 9.75%	70.69	71.11	74.00
3	Loan 3 NABARD	9.10%	9.10%	9.10%	11.78	10.68	13.97
4	Loan 4 IREDA	9.80%	-	-	5.22		
5	Loan 5 BANKS	8.25% TO 9.55%	8.45% TO 8.90%	8.50%	20.88	5.31	4.00
6	Loan 6 WORKING CAPITAL	7.71% TO 8.90%	7.96% TO 9.05%	7.96% TO 9.05%	22.10	23.00	25.00
7	Sub Total				359.41	380.10	396.97
B	Unsecured Loans						
1	Loan 1 PSPCL	INTEREST FREE	INTEREST FREE	INTEREST FREE	-	-	-
2	Loan 2 PFC STL	8.75%	9.25%	9.25%	6.75	9.25	18.50
3	Loan 3						
4	Sub Total				6.75	9.25	18.50
II	New Loans						
A	Secured Loans						
1	Loan 1 REC		9.50%	9.50%		15.00	12.00
2	Loan 2 PFC		9.50%	9.50%		1.50	3.51
3	Loan 3 NABARD		8.80%	8.80%		1.17	0.80
4	Sub Total				-	17.67	16.31
B	Unsecured Loans						
1	Loan 1 PFC STL		9.25%	9.25%		3.08	2.31
2	Loan 2						
3	Loan 3						
4	Loan 4						
5	Sub Total					3.08	2.31
III	Other Interest & Finance Charges						
1	Cost of raising Finance / Bank Charges				0.31	0.25	0.25
2	Interest on Security Deposit						
3	Penal Interest Charges						
4	Lease Rentals				0.83	Not available with this office	
5	Sub Total				1.14	0.25	0.25
D	Grand Total of Interest & Finance Charges (I.A.5 + I.B.5 + II.A.5 + II.B.5 + III.5)				367.30	410.35	434.34
E	Less: Interest & Finance Charges Capitalised				23.04	Not available with this office	
F	Net Interest & Finance Charges (D - E)				344.26	410.35	434.34

Note :

1. The above information is to be provided in consolidated for Transmission Licensee.

Form T17

Net Prior Period Expenses / Income

(Rs. Crore)

S.No.	Particulars	Previous Year	ARR
		Actual	Projection
		FY 2023-24	FY 2025-26
I	II	III	IV
A	Income Relating to Previous Period		
1	Interest income relating to prior period		
2	Income Tax relating to prior period		
3	Excess Provision for Depreciation		
4	Excess Provision for Interest and Finance Charges		
5	Receipts from Consumers		
6	Other Excess Provisions		
7	Other Income		
	Sub Total A	0.00	-
B	Expenditure Relating to Previous Period		
1	Power Purchase		
2	Operating Expenses		
3	Excise Duty on Generation		
4	Employee Cost		
5	Depreciation		
6	Interest and Finance Charges		
7	A&G Expenses		
8	Withdrawal of Revenue Demand		
9	Infructuous Capital Exp written off for FY 2020-21	0.00	
10	Others		
	Sub-Total B	0.00	-
	Net Prior Period Credit/(Charges) : A-B	0.00	-

Note :

1. The above information is to be provided in consolidated form in case of Transmission Licensee.



Form T18

Details of Expenses Capitalised

(Rs. Crore)

S.No.	Particulars	Previous Year	Previous Year	Projection
		Actual	True-up	ARR
		FY 2023-24	FY 2023-24	FY 2025-26
I	II	III	IV	V
1	Interest & Finance charges Capitalised	23.04	0.00	0
2	Employee Expenses Capitalised	32.47	-	-
3	A&G Expenses Capitalised	4.09	-	-
4	R&M Expenses Capitalised	0.87	-	-
5	Any Other Expenses	0.36	-	-
	Grand Total	60.82	0.00	0.00

Note :

1. Expenses capitalised are submitted for FY 2023-24 based on Audited Accounts.



Form T19

Debits, Write-offs and Any Other Items

(Rs. Crore)

S. No	Particulars	Previous Year	Projection
		True-Up	ARR
		FY 2023-24	FY 2025-26
I	II	III	IV
1	Bad Debt Written Off* (DPS)	-	-
2	Provision for value of obsolete stores	-	-
3	Provision for losses under investigation	-	-
4	Loss on Stock	-	-
5	Infructuous capital exp. Written off	-	-
6	Infructuous capital exp. Written off(for FY 2020-21)	-	-
7	Sundry debits written off	1.72	-
	Total	1.72	-



Key Characteristics of the Transmission Utility

S.No	Particulars	Previous year FY-2023-24				Target for 25-26
		Actual				
		At the start of year	Additions during the year	Withdrawals from service	At the end of year	
I	II	III	IV	V	VI	VII
1	Length of lines (ckt-km)					
	a) 400 kV					
	i) Single Circuit	329.000	7.760	0.000	336.760	7
	ii) Double Circuit	1337.430	0.000	0.000	1337.430	
	b) 220 kV					
	i) Single Circuit	4222.88	38.334	0.000	4261.214	141
	ii) Double Circuit	3702.416	48.538	0.000	3750.954	
	c) 132 kV					
	i) Single Circuit	2509.82	0.000	0.000	2509.820	15
	ii) Double Circuit	599.320	0.000	0.000	599.320	
	Total	12700.866	94.632	0.000	12795.498	163
2	Number of Sub-Stations					
	i) 400 kV	7	0	0	7	0
		103	1	0	104	4 (220 kV Jhoke Harihar, Mubarikpur, Ajnala, Jandiala Guru)
	ii) 220 kV					
	iii) 132 kV	64	0	0	64	(-) 1(132kV Jandiala Guru)
	Total	174	1	0	175	3
3	Number of Bays					
	i) 400 kV	89	6	0	95	4
	ii) 220 kV	751	13	0	764	33
	iii) 132 kV	529	3	0	532	4
4	No. of Transformers at					
	i) 400 kV Sub-Station	15	1	0	16	2
	ii) 220 kV Sub-Station	459	3	0	462	18
	iii) 132 kV Sub-Station	181	1	0	182	2
	Total	655	5	0	660	22
5	Transformation Capacity (MVA) of					
	i) 400 kV Sub-Station	5990.00	685.00	0	6675.00	1000
	ii) 220 kV Sub-Station	30848.00	592.00	0	31440.00	1780
	iii) 132 kV Sub-Station	4393.17	65.00	0	4458.17	40
	Total	41231.17	1342	0	42573.17	2820
4	Intra State Transmission Losses (%)					
5	Availability (%)					
	a) 400 kV Lines					
	i) Single Circuit	99.99			100.00	
	ii) Double Circuit	98.29			99.19	
	b) 220 kV lines					
	i) Single Circuit	99.85			99.71	
	ii) Double Circuit	99.88			99.72	
	c) 132 kV Lines					
	i) Single Circuit	99.67			99.60	
	ii) Double Circuit	99.67			99.76	
	d) Transformers					
	i) 400 kV Sub-Station	99.96			99.69	
	ii) 220 kV Sub-Station	99.96			99.86	
	iii) 132 kV Sub-Station	99.97			99.92	
	e) SVCs					
	f) Bus Reactors	100.00			99.93	
6	Number of Meters					
	(a) Total no. interface points with Gencos					
	i) No. of interface points with ABT compliant meters					
	ii) No. of interface points with non-ABT compliant meters					
	iii) No. of interface points without meters					
	b) Total no. interface points with Discoms					
	i) No. of interface points with ABT compliant meters					
	ii) No. of interface points with non-ABT compliant meters					
	iii) No. of interface points without meters					
	Total					
7	Employee Strength					
	Technical	2026	3864	0	5890	3920
	Non- Technical	505	1203	0	1708	1213
8	Total	2531	5067	0	7598	5133

Form T21**Normative Parameters**

Particulars	Unit	Current Year (2023-24)	ARR
			FY 2025- 26
I	II	III	IV
Rate of Return on Equity	%	15.50%	15.50%
Target Availability	%	99%	99%
Normative O&M Expenses for WC	in Month	1	1
Spares for WC as % of O&M	%	15%	15%
Receivables in Months for WC	Months	2	1.5



Installed/ Contracted Capacity of PSPCL
FY 2023-24

S.No.	Source	Contracted Capacity (Gross)	Auxiliary Consumption and Transformation Losses	Approved Injection (Net)	PSPCL's Firm Share		Inter-State Transmission Loss	Share (Net at PSTCL Boundary)
		(MW)	%	MW	%	MW	%	MW
I	II	III	IV	V	VI	VII	VIII	IX
1	NTPC							
i	Singrauli	2000	7.13%	1857.40	10.00%	185.74	3.66	178.95
ii	Rihand-I	1000	8.00%	920.00	11.00%	101.20	3.66	97.50
iii	Rihand-II	1000	6.25%	937.50	10.20%	95.63	3.66	92.13
iv	Rihand - III	1000	6.25%	937.50	8.27%	77.50	3.66	74.67
v	Anta GPS	419	2.75%	407.48	0.00%	0.00	3.66	0.00
vi	Auraiya GPS	663	2.75%	644.77	0.00%	0.00	3.66	0.00
vii	Dadri NCGPS	830	2.75%	807.18	0.00%	0.00	3.66	0.00
viii	Unchahar-I	420	9.00%	382.20	0.00%	0.00	3.66	0.00
ix	Unchahar-II	420	9.80%	378.84	14.28%	54.10	3.66	52.12
x	Unchahar-III	210	9.00%	191.10	8.10%	15.48	3.66	14.91
xi	Unchahar-IV	500	6.25%	468.75	0.00%	0.00	3.66	0.00
xii	Jhajjar (JV)	1500	5.75%	1413.75	0.00%	0.00	3.66	0.00
xiii	Dadri (Th.)-II	980	5.75%	923.65	0.00%	0.00	3.66	0.00
xiv	Koldam HEP	800	1.00%	792.00	7.73%	61.22	3.66	58.98
xv	Singrauli SHEP	8	1.00%	7.92	0.00%	0.00	3.66	0.00
xvi	Tanda Stage-II	1320	5.75%	1244.10	0.00%	0.00	3.66	0.00
xvii	Meja	1320	5.75%	1244.10	3.64%	45.29	3.66	43.63
xviii	Kahal gaon-II (ER)	1500	5.75%	1413.75	8.02%	113.38	3.66	109.24
	Total NTPC	15890		14971.98		749.54		722.12
2	NHPC							
i	Bairasul	180	1.20%	177.84	46.50%	82.70	3.66	79.67
ii	Salal	690	1.00%	683.10	26.60%	181.70	3.66	175.06
iii	Tanakpur	94	1.20%	92.87	17.93%	16.65	3.66	16.04
iv	Chamera-I	540	1.20%	533.52	10.20%	54.42	3.66	52.43
v	Chamera-II	300	1.20%	296.40	10.00%	29.64	3.66	28.56
vi	Chamera-III	231	1.20%	228.23	7.86%	17.93	3.66	17.27
vii	Uri	480	1.20%	474.24	13.75%	65.21	3.66	62.82
viii	Uri-II	240	1.20%	237.12	8.13%	19.28	3.66	18.58
ix	Dhauliganga	280	1.20%	276.64	10.00%	27.66	3.66	26.65
x	Dulhasi	390	1.20%	385.32	8.28%	31.90	3.66	30.74
xi	Parbati-III	520	1.20%	513.76	7.86%	40.38	3.66	38.90
xii	SEWA-II	120	1.20%	118.56	8.33%	9.88	3.66	9.51
xiii	Kishanganga	330	1.20%	326.04	0.00%	0.00	3.66	0.00
	Total NHPC	4395		4343.6		577.4		556.2
3	NPC							
i	NAPP	440	10.50%	393.80	11.59%	45.64	3.66	43.97
ii	RAPP-B	440	10.50%	393.80	22.73%	89.51	3.66	86.24
iii	RAPP-C	440	10.50%	393.80	10.41%	40.99	3.66	39.49
	Total NPC	1320		1181.40		176.15		169.70
4	Other Central Sector							
i	Nathpa Jhakri (SJVN)	1500	1.20%	1482.00	10.13%	150.13	3.66	144.63
ii	Rampur	412	1.00%	407.90	5.62%	22.92	3.66	22.09
iii	Tehri (THDC)	1000	1.20%	988.00	7.70%	76.08	3.66	73.29
iv	Koteshwar (THDC)	400	1.00%	396.00	6.36%	25.19	3.66	24.26
v	DVC RTPS 1&2	1200	5.75%	1131.00	25.00%	282.75	3.66	272.41
vi	DVC Durgapur	1000	5.75%	942.50	20.00%	188.50	3.66	181.60
vii	DVC BTPS	500	6.25%	468.75	40.00%	187.50	3.66	180.64
viii	NVNV Bundled Solar Power	37		37.00	100.00%	37.00		37.00
ix	SECI Hybrid Power PSA (Solar)	400		400.00	100.00%	400.00		400.00
x	NHPC - M/s Avaada Sunrays Energy Private Limited	300		300.00	100.00%	300.00		300.00
xi	SECI Solar Power	30		30.00	100.00%	30.00		30.00
xii	SECI Wind Power	350		350.00	100.00%	350.00		350.00
xiii	SECI Hybrid Power PSA (Wind)	100		100.00	100.00%	100.00		100.00
xiv	PTC Tala (Hydro)	1020	1.00%	1009.80	2.94%	29.69	3.66	28.60
xv	Pragati-III (Bawana/CCGT)	1371	2.75%	1333.30	10.00%	133.33	3.66	128.45
xvi	MALANA-2 (PTC)	100	1.30%	98.70	88.00%	86.86	3.66	83.68
xvii	KARCHAM (PTC)	1000	1.20%	988.00	20.00%	197.60	3.66	190.37
xviii	SASAN Ultra Mega Project	3960	6.00%	3722.40	15.00%	558.36	3.66	537.94
xix	TPCL MUNDRA UMPP	4150	8.43%	3799.99	12.50%	475.00	3.66	457.62
	Total Other Central Sector	18830.02		17985.34		3630.89		3542.59
5	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)							
i	Nabha TPP (NPL)	1400	5.71%	1320.06	100%	1320.06		1320.06
ii	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.40	100%	1841.40		1841.40
iii	NRSE Private Projects	1210.81		1210.81	100%	1210.81		1210.81
	Total	4590.81		4372.27		4372.27		4372.27
6	PSPCL Own Stations							
6a	Thermal							
i	GGSTP, Ropar	840	8.5%	768.60	100%	768.60		768.60
ii	GHTP, Lehra Mohabbat	920	8.5%	841.80	100%	841.80		841.80
iii	GVK	540	9.00%	491.40	100%	491.40		491.40
	Total Thermal (Own)	2300		2101.8		2101.8		2101.8
6b	Hydel							
i	Shannan	110	2.00%	107.80	100%	107.80		107.80
ii	UBDC	91.35	0.90%	90.53	100%	90.53		90.53
iii	RSD Net Share Less 20% J&K and 4.6% HP share from RSD	452.4	1.00%	447.88	100%	447.88		447.88
iv	ASHP	134	0.65%	133.13	100%	133.13		133.13
v	MHP	225	1.00%	222.75	100%	222.75		222.75
vi	Micro Hydel	2.5	0.00%	2.50	100%	2.50		2.50
	Total Hydel (Own)	1015.25		1004.58		1004.58		1004.58
7	New Stations (PSPCL)							
8	BBMB (Common Pool Stations (PSPCL Share)							
i	Total BBMB (Common Pool Stations (PSPCL Share)	1141.10	0.50%	1135.39		1135.39		1135.39
9	Grand Total (Installed/ Contracted Capacity of PSPCL)	49482.18		47096.40		13747.98		13604.70

Note: 1. The data is to be given by source wise/ station wise.

Installed/ Contracted Capacity of PSPCL
FY 2025-26

S.No.	Source	Contracted Capacity (Gross)	Auxiliary Consumption and Transformation Losses	Approved Injection (Net)	PSPCL's Firm Share		Inter-State Transmission Loss	Share (Net at PSTCL Boundary)
		(MW)	%	MW	%	MW	%	MW
I	II	III	IV	V	VI	VII	VIII	IX
1	NTPC							
i	Singrauli	2000	7.13%	1857.40	10.00%	185.74	3.66	178.95
ii	Rihand-I	1000	8.00%	920.00	11.00%	101.20	3.66	97.50
iii	Rihand-II	1000	6.25%	937.50	10.20%	95.63	3.66	92.13
iv	Rihand - III	1000	6.25%	937.50	8.27%	77.50	3.66	74.67
v	Anta GPS	419	2.75%	407.48	0.00%	0.00	3.66	0.00
vi	Auraiya GPS	663	2.75%	644.77	0.00%	0.00	3.66	0.00
vii	Dadri NCGPS	830	2.75%	807.18	0.00%	0.00	3.66	0.00
viii	Unchahar-I	420	9.00%	382.20	0.00%	0.00	3.66	0.00
ix	Unchahar-II	420	9.80%	378.84	14.28%	54.10	3.66	52.12
x	Unchahar-III	210	9.00%	191.10	8.10%	15.48	3.66	14.91
xi	Unchahar-IV	500	6.25%	468.75	0.00%	0.00	3.66	0.00
xii	Jhajjar (JV)	1500	5.75%	1413.75	0.00%	0.00	3.66	0.00
xiii	Dadri (Th.)-II	980	5.75%	923.65	0.00%	0.00	3.66	0.00
xiv	Koldam HEP	800	1.00%	792.00	7.73%	61.22	3.66	58.98
xv	Singrauli SHEP	8	1.00%	7.92	0.00%	0.00	3.66	0.00
xvi	Tanda Stage-II	1320	5.75%	1244.10	0.00%	0.00	3.66	0.00
xvii	Meja	1320	5.75%	1244.10	3.64%	45.29	3.66	43.63
xviii	Kahal gaon-II (ER)	1500	5.75%	1413.75	8.02%	113.38	3.66	109.24
	Total NTPC	15890		14971.98		749.54		722.12
2	NHPC							
i	Bairasul	180	1.20%	177.84	46.50%	82.70	3.66	79.67
ii	Salat	690	1.00%	683.10	26.60%	181.70	3.66	175.06
iii	Tanakpur	94	1.20%	92.87	17.93%	16.65	3.66	16.04
iv	Chamera-I	540	1.20%	533.52	10.20%	54.42	3.66	52.43
v	Chamera-II	300	1.20%	296.40	10.00%	29.64	3.66	28.56
vi	Chamera-III	231	1.20%	228.23	7.86%	17.93	3.66	17.27
vii	Uri	480	1.20%	474.24	13.75%	65.21	3.66	62.82
viii	Uri-II	240	1.20%	237.12	8.13%	19.28	3.66	18.58
ix	Dhauliganga	280	1.20%	276.64	10.00%	27.66	3.66	26.65
x	Dulhasi	390	1.20%	385.32	8.28%	31.90	3.66	30.74
xi	Parbati-II	520	1.20%	513.76	7.86%	40.38	3.66	38.90
xii	SEWA-II	120	1.20%	118.56	8.33%	9.88	3.66	9.51
xiii	Kishanganga	330	1.20%	326.04	0.00%	0.00	3.66	0.00
	Total NHPC	4395		4343.6		577.4		556.2
3	NPC							
i	NAPP	440	10.50%	393.80	11.59%	45.64	3.66	43.97
ii	RAPP-B	440	10.50%	393.80	22.73%	89.51	3.66	86.24
iii	RAPP-C	440	10.50%	393.80	10.41%	40.99	3.66	39.49
	Total NPC	1320		1181.40		176.15		169.70
4	Other Central Sector							
i	Nathpa Jhakri(SJVNL)	1500	1.20%	1482.00	10.13%	150.13	3.66	144.63
ii	Rampur	412	1.00%	407.90	5.62%	22.92	3.66	22.09
iii	Tehri(THDC)	1000	1.20%	988.00	7.70%	76.08	3.66	73.29
iv	Koteshwar(THDC)	400	1.00%	396.00	6.36%	25.19	3.66	24.26
v	DVC RTPS I&2	1200	5.75%	1131.00	25.00%	282.75	3.66	272.41
vi	DVC -Durgapur	1000	5.75%	942.50	20.00%	188.50	3.66	181.60
vii	DVC -BTPS	500	6.25%	468.75	40.00%	187.50	3.66	180.64
viii	NVNV Bundled Solar Power	37		37.00	100.00%	37.00		37.00
ix	SECI Hybrid Power PSA (Solar)	400		400.00	100.00%	400.00		400.00
x	NHPC - M/s Avaada Sunrays Energy Private Limited	300		300.00	100.00%	300.00		300.00
xi	SECI Solar Power	30		30.00	100.00%	30.00		30.00
xii	SECI Wind Power	350		350.00	100.00%	350.00		350.00
xiii	SECI Hybrid Power PSA (Wind)	100		100.00	100.00%	100.00		100.00
xiv	PTC Talahydro)	1020	1.00%	1009.80	2.94%	29.69	3.66	28.60
xv	Pragati-III(Bawana)CCGT	1371	2.75%	1333.30	10.00%	133.33	3.66	128.45
xvi	MALANA-2 (PTC)	100	1.30%	98.70	88.00%	86.86	3.66	83.68
xvii	KARCHAM (PTC)	1000	1.20%	988.00	20.00%	197.60	3.66	190.37
xviii	SASAN Ultra Mega Project	3960	6.00%	3722.40	15.00%	558.36	3.66	537.94
xix	TPCL MUNDRA UMPP	4150	8.43%	3799.99	12.50%	475.00	3.66	457.62
	Total Other Central Sector	18830.02		17985.34		3630.89		3542.59
5	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)							
i	Nabha TPP (NPL)	1400	5.71%	1320.06	100%	1320.06		1320.06
ii	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.40	100%	1841.40		1841.40
iii	NRSE Private Projects	1804.36		1804.36	100%	1804.36		1804.36
	Total	5184.36		4965.82		4965.82		4965.82
6	PSPCL Own Stations							
6a	Thermal							
i	GGSTP, Ropar	840	8.5%	768.60	100%	768.60		768.60
ii	GHTP, Lehra Mohabbat	920	8.5%	841.80	100%	841.80		841.80
iii	GVK	540	9.00%	491.40	100%	491.40		491.40
	Total Thermal (Own)	2300		2101.8		2101.8		2101.8
6b	Hydel							
i	Shannan	110	2.00%	107.80	100%	107.80		107.80
ii	UBDC	91.35	0.90%	90.53	100%	90.53		90.53
	RSD Net Share							
iii	Less 20% J&K and 4.6% HP share from RSD	452.4	1.00%	447.88	100%	447.88		447.88
iv	ASHP	134	0.65%	133.13	100%	133.13		133.13
v	MHP	225	1.00%	222.75	100%	222.75		222.75
vi	Micro Hydel	2.5	0.00%	2.50	100%	2.50		2.50
	Total Hydel (Own)	1015.25		1004.58		1004.58		1004.58
7	New Stations (PSPCL)							
i	Parbati-II HEP	800	1.20%	790.40	Share allocation not issued by MoP 6.05%			
ii	Vishnugarh Pipalkoti (THDC)	444	1.20%	438.67				26.58
iii	Subansiri HEP	2000	1.00%	1980.00		63.36		63.36
iv	Renew Dinkar Jyoti Pvt. Ltd.	100		100.00	100.00%	100.00		100.00
v	CPSU Scheme (NHPC)	300		300.00	100.00%	300.00		300.00
		600		600.00	16.67%	100.00		100.00
vi	SECI Solar	300		300.00	100.00%	300.00		300.00
	Total New Stations (PSPCL)	4544		4509.072		889.94		889.94
8	BBMB (Common Pool Stations (PSPCL Share)							
	Total BBMB (Common Pool Stations (PSPCL Share)	1141.10	0.50%	1135.39		1135.39		1135.39
9	Grand Total (Installed/ Contracted Capacity of PSPCL)	54619.73		52199.03		15231.47		15088.19

Note: 1. The data is to be given by source wise/ station wise.

Energy Balance

S. No.	Particulars	Unit	Previous Year (2023-24)	ARR
			Actual	Projection
			FY 2023-24	FY 2025-26
1	Energy Input into Transmission System			
	a) Energy from sources inside the State (G-T Interface)	MU	33505.9529	
	b) Energy from Sources outside the State (Inter state-intra state transmission system interface)	MU	31684.6626	
	c) Total (a+b)	MU	65190.6155	
2	Energy transmitted to Distribution Licensees (T-D Interface)	MU	62043.3066	
3	Energy transmitted to EHT Consumers		1685.5743	
4	Energy transmitted to Open Access Customers	MU	310.799*	429**
5	Energy transmitted for Intra State Sale	MU		
6	Intra State Transmission Loss ((1(c)-2-3-4-5)/1(c))	%	2.24%	

Note/Assumptions:-

1. All figures are in respect of all Open Access Customers embedded within Punjab. Units transmitted are the Units scheduled/ purchased/ wheeled under STOA, MTOA & LTA at customer periphery (i.e. after deducting CTU & State transmission & distribution losses).

*It includes figures for 11 no. TSS (14 no. interface points) of Northern Railway for which Long Term Access (LTA) has been operationalized w.e.f. 24.11.2019 onwards.

**Though the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable. However, figures for FY 2024-25 and FY 2025-26 have been projected on higher side depending on the current scenario.

Form T24

Projection of Energy Sales

A) Energy Sales/Transmitted (in MU)

S. No	Category	Previous Year (2023-24)	Control Period Projection
		Actual	1st Year
		III	V
1	Distribution Licensees (T-D Interface)		
2	CPP Consumers Connected to Transmission System		
3	Consumers Connected to Transmission System		
4	Open Access Customers Connected to Transmission System		
	a) Long Term Customers	252.94	360
	b) Medium Term Customers	8.81	10
	c) Short Term Customers (Intra-State)	9.86	9
	Short Term Customers (Inter-State)	39.190	50.000
5	Other Customers/Consumers		
	Grand Total		

B) Connected Load (in MVA)

S. No	Category	Previous Year (2023-24)	Control Period Projection
		Actual	1st Year
1	Distribution Licensees (T-D Interface)		
2	CPP Consumers Connected to Transmission System		
3	Consumers Connected to Transmission System		
4	Open Access Customers Connected to Transmission System		
	a) Long Term Customers	127	267*
	b) Medium Term Customers	6.5	33.1**
	c) Short Term Customers (Intra-State)	21	21
	Short Term Customers (Inter-State)	4.05*	0
5	Other Customers/Consumers		
	Grand Total		

C) Maximum or Peak Demand (in MVA)

S. No	Category	Previous Year (2023-24)	Control Period Projection
		Actual	1st Year

Form T24

Projection of Energy Sales

1	Distribution Licensees (T-D Interface)		
2	CPP Consumers Connected to Transmission System		
3	Consumers Connected to Transmission System		
4	Open Access Customers Connected to Transmission System		
	a) Long Term Customers	76.129	77
	b) Medium Term Customers	2.31	2
	c) Short Term Customers (Intra-State)	4.3	4
	c) Short Term Customers (Inter-State)	3.24	0
5	Other Customers/Consumers		
	Grand Total		

D) Minimum Demand (in MVA)

S. No	Category	Previous Year (2023-24)	Control Period Projection
		Actual	1st Year
1	Distribution Licensees (T-D Interface)		
2	CPP Consumers Connected to Transmission System		
3	Consumers Connected to Transmission System		
4	Open Access Customers Connected to Transmission System		
	a) Long Term Customers	13.67	20
	b) Medium Term Customers	Zero	Zero
	b) Short Term Customers	Zero	Zero
5	Other Customers/Consumers		
	Grand Total		

E) Average Demand (in MVA)

S. No	Category	Previous Year (2023-24)	Control Period Projection
		Actual	1st Year
1	Distribution Licensees (T-D Interface)		
2	CPP Consumers Connected to Transmission System		
3	Consumers Connected to Transmission System		
4	Open Access Customers Connected to Transmission System		
	a) Long Term Customers	46.19	50
	b) Medium Term Customers	1.11	1.25
	c) Short Term Customers (Intra-State)	3.91	4
	Short Term Customers (Inter-State)	2.4	0
5	Other Customers/Consumers		
	Grand Total		

Note/ Assumptions:

1. All figures are in respect of all Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all OA customers connected at 11KV, 33KV, 66KV, 132KV & 220 KV and above Voltage Levels)



Projection of Energy Sales

2. Connected Load pertains to Sanctioned Contract demand (CD) of OA consumers, who transacted during the financial year. Further, the connected load under MTOA pertains to sanctioned CD of Winsome Yarns Limited (i.e. 6.5 MVA) w.r.t. MTOA granted to 5 no. MHPs i.e. Bharawal, Barewal, Raawal, Isewal and Mansian during FY2020-21. Also, connected load of STOA Inter-State pertains to
3. Units transmitted are the Units scheduled/ purchased/ sold/wheeled under Open Access at customer periphery (i.e. after deducting CTU losses, State transmission & distribution losses). Further, Units transmitted figure under LTA for the FY 23-24 pertains to Northern Railways scheduled power figure under LTA and units transmitted figure under STOA Inter-State Customers is the sum of Northern Railways scheduled figure under STOA Collective transaction and M/s Punjab Hydro
4. Data of Maximum Demand in MVA is available only in case of Northern Railway and in MW in other Open Access Transactions, as all other Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery). Further, Maximum demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the total maximum
5. Data of Minimum Demand pertains to minimum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery). Minimum demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the total minimum
6. Data of Average Demand in MVA is available only in case of Northern Railway, as all the Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to average quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery). Average demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the overall average demand has been shown under LTA Customers.
7. As the power transacted under open access depends on the market scenario changing on day to day basis, the same is unpredictable. However based on the prevailing decline in open access, figures projected for FY 2024-25 & FY 2025-26 have been considered on higher side depending on the current scenario.

* M/s Tata Steels Ltd. has executed LTA contract for period 01.06.25 to 31.05.50. Therefore, LTA Customers connected load figure is the sum of Northern Railways projected figure i.e. 172 MVA and M/s Tata Steels Ltd. i.e. 95MVA. Further, the maximum, minimum, average demand and units transmitted figures cannot be worked out/projected for upcoming

** M/s Ambuja Cements has executed MTOA contract for the period 01.09.24 to 31.03.26 for purchase of power to its three no. drawl units i.e. Ambuja Cements Ltd. Unit: Bathinda, Ambuja Cements Ltd. Unit: Ropar and Asian Fine Cements Private Ltd. Therefore, MTOA Connected load figure is the sum of connected load of M/s Winsome Yarns i.e. 6.5 MVA and connected load of M/s Ambuja Cements i.e. 26.6 MVA. Further, the maximum, minimum, average demand and units transmitted figures cannot be worked out/projected for upcoming customers.



Form-T-25

Revenue from Tariff & Charges

(A) Revenue from Intrastate Wheeling of Power:

Sr.No.	Particulars	Transmission Capacity Allocated	True-Up										
			FY 2023-24										
			Maximum Demand		Units Transmitted		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
			MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Distribution Licensee (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System :												
	a) Long Term Customers	35*	76.129	71.866		252937.9075							1
	b) Medium Term Customers	3.9		2.31		8611.423							1
	b) Short Term Customers (Intra-State)	7		4.3		9660.749							1
	b) Short Term Customers (Inter-State)	94.054*		3.24		39189.637							2
5	Other Consumers												

Sr.No.	Particulars	Transmission Capacity Allocated	ARR										
			FY 2025-26										
			Maximum Demand		Units Transmitted		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
			MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Distribution Licensee (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System :												
	a) Long Term Customers	98*	77	75		360000							2
	b) Medium Term Customers	20.9**		2		10000							4
	b) Short Term Customers (Intra-State)	7		4		9000							1
	b) Short Term Customers (Inter-State)	90		0		50000							0
5	Other Consumers												

1. All figures are in respect of all Open Access Customers (under Inter State as well as Intra-State Transaction) , whether connected to transmission or distribution system and irrespective of voltage level (includes all Open Access customers connected at 11KV, 33KV, 66KV, 132 KV & 220KV Voltage Levels)

2. Transmission Capacity Allocated includes Load Allowed for purchase & sale of power , as applicable for those open access consumers, who have transacted during the year.

* Northern Railways, who has been granted LTA for purchase of power upto 35 MW (for the period 24.11.19 to 01.08.24) and 50 MW (for 02.08.24 onwards) w.r.t. 11 no. drawl points in the State of Punjab, is also availing STOA for purchase of power under collective transaction for upto 35 MW (from 26.07.23 to 25.11.23) and upto 90 MW (from 26.11.23 onwards). However, as per the terms and conditions issued by this Office, the total quantum of Northern Railways i.e. sum of power scheduled under LTA and power scheduled under collective STOA cannot exceed 35 MW (from the period 26.07.23 to 25.11.23) and 90 MW (from 26.11.23 onwards). Therefore, the transmission capacity of Short term Inter-State Customers during the FY 23-24 has been shown as sum of M/s Punjab Hydro (who has availed Open Access under sale of Power through Power Exchange during the months of Mar-23, April-23 & May-23) i.e. 4.054 MW and Northern Railways STOA quantum i.e. 90 MW. Also, Transmission capacity of Short-Term Inter-state customers during the FY 24-25 has been shown as sum of quantum of M/s ITC Ltd., Kapurthala (who executed contract for availing STOA under collective transaction for the month of July,24) i.e. 0.7 MW and Northern Railways STOA quantum i.e. 90 MW. Further, Northern Railways (being single customer availing bilateral LTA & collective STOA both) has been shown as single customer i.e. under LTA Customers only.

3. Data in MVAh is not available, as all the Open Access transactions are in MW/ MWh in line with prevailing Open Access Regulations issued by PSERC & CERC . However, maximum demand data in MVA is available only in case of Northern Railway. Maximum demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the total maximum demand has been shown under LTA Customers. Further, Maximum demand shown under Short-term Inter-State customers pertains to M/s Punjab Hydro (who has availed Open Access under sale of Power through Power Exchange during the months of Mar-23, April-23 & May-23) only.

4. Units transmitted are the Units scheduled/ purchased/ sold/wheeled under Open Access at customer periphery (i.e. after deducting CTU losses, State transmission & distribution losses). Further, Units transmitted figure under LTA for the FY 23-24 pertains to Northern Railways scheduled power figure under LTA and units transmitted figure under STOA Inter-State Customers is the sum of Northern Railways scheduled figure under STOA Collective transaction and M/s Punjab Hydro scheduled figure under STOA Collective Sales transaction.

5. Open Access Consumers considered under MTOA (Intra-State) and STOA (Intra-State) is w.r.t. no. of drawl ends (i.e. 1 no. of Winsome Yarns Limited in case of MTOA and 1 no. industrial unit of Nahar Industrial Enterprises Limited in case of STOA (Intra-state).

6. Reactive Energy charges are presently being billed and collected by PSPCL.

7. Figures pertaining to Transmission charges are not available with this Office as billing is done by the O/o AO/ARR, PSTCL, Actual figures are available with their office.

8. Though the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable. However, figures for FY 2024-25 and FY 2025-26 have been projected on higher side depending on the current scenario.

** M/s Ambuja Cements has executed MTOA contract for the period 01.09.24 to 31.03.26 for purchase of power to its three no. drawl units i.e. Ambuja Cements Ltd. Unit: Bathinda, Ambuja Cements Ltd. Unit: Ropar and Asian Fine Cements Private Ltd. Therefore, transmission capacity allocated figure for MTOA Customers for the FY 24-25 is the sum of quantum of M/s Winsome Yarns (3.9 MW) and M/s Ambuja Cements (17 MW). Further, the maximum demand and units transmitted figures cannot be worked out for upcoming customers.

Demand in MVA (Peak)

(MVA)

Months in the Financial Year 2023-24 (Previous Year)													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers	51.01	50.16	53.99	48.49	53.72	50.85	50.99	47.3	44.4	48.0	48.3	49.5
	b) Medium Term Customers	0.3	0.32	1.2	1.2	2.3	2.3	1.7	1.1	0.9	0.8	0.0	0.3
	c) Short Term Customers (Intra-State)	0	0	0	0	0	0	0	0	3.5	3.5	3.5	3.5
	Short Term Customers (Inter-State)	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07
5	Other Customers/Consumers												
	Grand Total												

(MVA)

Months in the Financial Year 2024-25 (Current Year)													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers	44.79	45.94	53.57	52.34	55.00	55	55	55	55	55	55	55
	b) Medium Term Customers	0.3	0.32	1.3	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	c) Short Term Customers (Intra-State)	0	0	0	0	0	0	0	0	3.5	3.5	3.5	3.5
	Short Term Customers (Inter-State)	0	0	0	0	0	0	0	0	0	0	0	0
5	Other Customers/Consumers												
	Grand Total												

(MVA)

Months in the Financial Year 2025-26 (Control Period)													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers	62	62	62	62	62	62	62	62	62	62	62	62
	b) Medium Term Customers	0.5	0.1	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	c) Short Term Customers (Intra-State)	0	0	0	0	0	0	0	0	3.5	3.5	3.5	3.5
5	Other Customers/Consumers												
	Grand Total												

Note/ Assumptions:

- All figures are in respect of all Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all OA customers connected at 11KV, 33KV, 66KV, 132 KV & 220KV Voltage Levels)
- Demand Pertains to Average quantum of power scheduled/ purchased by open access consumer in MVA in each 15 min time-block during the peak period (1800 Hrs to 2200 Hrs) of the year (at customer periphery) in case of Northern Railway and in MW in case of other Open Access consumers as the data is not available in MVA, as all the Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC). Maximum demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the total maximum demand has been shown under LTA Customers. Further, Maximum demand shown under Short-term Inter-State customers pertains to M/s Punjab Hydro (who has availed Open Access under sale of Power through Power Exchange during the months of Mar-23, April-23 & May-23) only.
- Figures under MTOA Pertains to wheeling of power by 5 no. MHPs of Winsome Yarns limited (granted during FY 2020-21).
- Though the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable. However, figures for FY 2024-25 and FY 2025-26 have been projected on higher side depending on the current scenario.

* M/s Tata Steels Ltd. has executed LTA contract for period 01.06.25 to 31.05.50.. Further, the peak demand figures cannot be worked out for upcoming customers.

**M/s Ambuja Cements has executed MTOA contract for the period 01.09.24 to 31.03.26 for purchase of power to its three no. drawl units i.e. Ambuja Cements Ltd. Unit: Bathinda, Ambuja Cements Ltd. Unit: Ropar and Asian Fine Cements Private Ltd. Further, the peak demand figures cannot be worked out for upcoming customers.

Demand in MVA (Off Peak)

(MVA)

Months in the Financial Year 2023-24 (Previous Year)													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers	47.52	46.21	50.94	45.24	49.11	46.53	45.91	44.18	40.64	42.48	43.36	46.54
	b) Medium Term Customers	0.3	0.3	1.2	1.2	2.3	2.3	1.7	1.1	0.9	0.8	0.0	0.3
	c) Short Term Customers	0	0	0	0	0	0	0	0	3.5	3.5	3.5	3.5
	Short Term Customers (Inter-State)	0	0	0	0	0	0	0	0	0	0	0	1
5	Other Customers/Consumers												
	Grand Total												

(MVA)

Months in the Financial Year 2024-25 (Current Year)													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers	42.22	50.30	50.94	48.62	49.14	45	45	45	45	45	45	45
	b) Medium Term Customers	0.3	0.32	1.3	2.1	2.1	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	c) Short Term Customers (Intra-State)	0	0	0	0	0	0	0	0	3.5	3.5	3.5	3.5
	Short Term Customers (Inter-State)	0	0	0.00	0.00	0.00	0	0	0	0	0	0	0
5	Other Customers/Consumers												
	Grand Total												

(MVA)

Months in the Financial Year 2024-25 (Control Period)													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
1	Distribution Licensees (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers	50	50	50	50	50	50	50	50	50	50	50	50
	b) Medium Term Customers	0.5	0.1	1.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
	c) Short Term Customers (Intra-State)	0	0	0	0	0	0	0	0	3.5	3.5	3.5	3.5
5	Other Customers/Consumers												
	Grand Total												

Note/ Assumptions:**Note/ Assumptions:**

1. All figures are in respect of all Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all OA customers connected at 11KV, 33KV, 66KV, 132KV & 220 KV Voltage Levels)

2. Demand Pertains to Average quantum of power scheduled/ purchased by open access consumer in MVA in each 15 min time-block during the peak period (1800 Hrs to 2200 Hrs) of the year (at customer periphery) in case of Northern Railway and in MW in case of other Open Access consumers as the data is not available in MVA, as all the Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC). Maximum demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the total maximum demand has been shown under LTA Customers. Further, Maximum demand shown under Short-term Inter-State customers pertains to M/s Punjab Hydro (who has availed Open Access under sale of Power through Power Exchange during the months of Mar-23, April-23 & May-23) only.

3. Figures under MTOA Pertains to wheeling of power by 5 no. MHPs of Winsome Yarns limited (granted during FY 2020-21).

4. Though the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable. However, figures for FY 2024-25 and FY 2025-26 have been projected on higher side depending on the current scenario.

* M/s Tata Steels Ltd. has executed LTA contract for period 01.06.25 to 31.05.50. Further, the peak demand figures cannot be worked out/projected for upcoming customers.

** M/s Ambuja Cements has executed MTOA contract for the period 01.09.24 to 31.03.26 for purchase of power to its three no. drawl units i.e. Ambuja Cements Ltd. Unit: Bathinda, Ambuja Cements Ltd. Unit: Ropar and Asian Fine Cements Private Ltd.. Further, the peak demand figures cannot be worked out/projected for upcoming customers.

Form T27

Working Capital Requirement - Transmission

(₹ crore)

S.No.	Particulars	FY 2023-24	FY 2025-26
		True-up	ARR
I	II	III	IV
1	O&M Expenses	858.15	956.28
a.	R&M Expenses	40.57	40.26
b.	A&G Expenses	27.37	31.56
c.	Employee Expenses	790.21	884.46
d.	Total (a+b+c)	858.15	956.28
e.	O&M Expenses for 1 month	71.51	79.69
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability	264.35	221.08
3	Maintenance Spares @15% of O&M Expenses	128.72	143.44
	Total Working Capital (1(e) + 2+ 3)	464.58	444.22
4	Interest Rate*	8.80%	8.80%
5	Interest on Working Capital	40.88	39.07

* The Interest rate for this purpose shall be the rate as specified under MYT Regulations.



Form T27

Working Capital Requirement - SLDC

(₹ crore)

S.No.	Particulars	FY 2023-24	FY 2025-26
		True-up	ARR
I	II	III	IV
1	O&M Expenses	10.35	12.10
a.	R&M Expenses	0.85	1.56
b.	A&G Expenses	1.11	1.66
c.	Employee Expenses	8.39	8.88
d.	Total (a+b+c)	10.35	12.10
e.	O&M Expenses for 1 month	0.86	1.01
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability	5.41	4.25
3	Maintenance Spares @15% of O&M Expenses	1.55	1.82
	Total Working Capital (1(e) + 2+ 3)	7.83	7.07
4	Interest Rate*	8.80%	8.80%
5	Interest on Working Capital	0.69	0.62

* The Interest rate for this purpose shall be the rate as specified under MYT Regulations.



Income from Investments and Other Non-Tariff Income- PSTCL

(Rs. Crore)

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
A	Income from Investment, Fixed & Call Deposits			
1	Interest Income from Investments	-	-	
2	Interest Income from Fixed Deposits	0.05	-	
3	Interest Income from Banks other than from Fixed Deposits	-	-	
4	Interest Income from any other source	0.00	-	
	Sub-Total	0.05	-	
			-	
B	Other Non-Tariff Income		-	
1	Interest on Loans and Advances to Staff	-	-	
2	Interest on Loans and Advances to Licensee	-	-	
3	Interest on Loans and Advances to Lessors	-	-	
4	Interest on Advances to Suppliers / Contractors	-	-	
5	Income from Trading (other than Electricity)	-	-	
6	Gain on Sale of Fixed Assets	-	-	
	- sale of land - additional compensation	-	-	
	-sale of other fixed assets	10.06	10.06	
	-reversal of excess provision of impairment loss	-	-	
7	Income/Fee/Collection against Staff Welfare Activities	0.01	0.01	
8	Miscellaneous Receipts		-	
i	Rental for staff quarters	0.57	0.57	
ii	Sale of tender forms	-	-	
iii	NOC charges from open access customers	0.15	0.15	
iv	Credit balance written back:	-	-	
v	-Sundry creditors	0.03	0.03	
vi	Penalty imposed on supplier/contractors	11.77	11.77	
vii	- Other sundry credit balance	0.00	-	
viii	-Security Deposits/EMD	0.21	0.21	

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
ix	Late/Delayed payment surcharge - PSPCL	3.17	0.86	
x	Rebate on early payment to NRLDC	0.15	0.07	
xi	Income from O&M of bays:-			
	- PGCIL	3.80	3.80	
	- M/s Ultratech	1.05	1.05	
	- Ganguwal- Mohali Line	0.17	0.17	
xii	Deposit foreieted	0.00	-	
xiii	Fee received for decided appeals	0.00	-	
xiv	Misc. receipt under open access	0.00	-	
xv	Departmental charges	4.58	4.58	
xiv	Sale of trees	0.00	-	
xv	Work appraisal charges	0.02	0.02	
xiv	Lease rent of fiber optic cable from PGCIL	0.37	0.37	
xv	Lease rent of land from Mandi board	-	-	
xiv	Recovery of Penalty from contractors	0.00	-	
xv	Use of crane/truck / Loader by other division	0.00	-	
xiv	Salary deposited/ Surety bonds by employees due to short period notice of resignation/retirement	0.59	0.59	
xv	Oil Testing fees	1.09	1.09	
xvi	Rent received from Punjab Police	1.19	1.19	
xvii	Miscellaneous income*	1.96	1.96	
			-	
9	Transmission and SLDC Operating charges for Open access customers	0.00	-	
10	Interest Income from any other source- interest received on refund of income tax	0.00	-	
11	Delayed Payment Charges from Consumers	-	-	
12	Income from Miscellaneous Charges as per Schedule of General and Service Charges from Consumers	-	-	
13	Income from Other Business - Sale of Scrap	0.46	0.46	
14	Excess Provision of Income tax withdrawn	-	-	
15	Reversal of excess provision of Impairment Loss	-	-	
16	Any other income - Provisions withdrawn on unserviceable / obsolete items & losses under investigation	0.00	-	

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
17	Prior Period Income	-	-	
	Sub-Total	41.41	39.01	25.95
	Total	41.46	39.01	25.95



Income from Investments and Other Non-Tariff Income- Transmission

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
A	Income from Investment, Fixed & Call Deposits			
1	Interest Income from Investments		0	
2	Interest Income from Fixed Deposits	-	-	
3	Interest Income from Banks other than from Fixed Deposits		0.00	
4	Interest Income from any other source		0.00	
	Sub-Total	-	-	
B	Other Non-Tariff Income			
1	Interest on Loans and Advances to Staff			
2	Interest on Loans and Advances to Licensee			
3	Interest on Loans and Advances to Lessors			
4	Interest on Advances to Suppliers / Contractors			
5	Income from Trading (other than Electricity)			
6	Gain on Sale of Fixed Assets			
	- sale of land - additional compensation	-	-	
	-sale of other fixed assets	10.06	10.06	
	-reversal of excess provision of impairment loss	-		
7	Income/Fee/Collection against Staff Welfare Activities	0.01	0.01	
8	Miscellaneous Receipts			
i	Rental for staff quarters	0.54	0.54	
ii	Sale of tender forms	-		
iii	NOC charges from open access customers	0.07	0.07	
iv	Credit balance written back:	-		
v	-Sundry creditors	0.03	0.03	
vi	Penalty imposed on supplier/contractors	10.90	10.90	
vii	- Other sundry credit balance	-0.00		
viii	-Security Deposits/EMD	0.21	0.21	

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
ix	Late/Delayed payment surcharge - PSPCL	3.17	0.82	
x	Rebate on early payment to NRLDC	-	-	
xi	Income from O&M of bays:-			
	- PGCIL	3.80	3.80	
	- M/s Ultratech		1.05	
	- Ganguwal- Mohali Line		0.17	
xii	Deposit foreieted	-		
xiii	Fee received for decided appeals	-		
xiv	Misc. receipt under open access	0.00		
xv	Departmental charges	4.58	4.58	
xiv	Sale of trees	-	-	
xv	Work appraisal charges	0.02	0.02	
xiv	Lease rent of fiber optic cable from PGCIL	0.37	0.37	
xv	Lease rent of land from Mandi board	-		
xiv	Recovery of Penalty from contractors	-		
xv	Use of crane/truck / Loader by other division	-	-	
xiv	Salary deposited/ Surety bonds by employees due to short period notice of resignation/retirement	0.59	0.59	
xv	Oil Testing fees	1.09	1.09	
xvi	Rent received from Punjab Police		1.19	
xvii	Miscellaneous income*	0.79	1.96	
		-		
9	Transmission and SLDC Operating charges for Open access customers	-0.21		
10	Interest Income from any other source- interest received on refund of income tax	-		
11	Delayed Payment Charges from Consumers	-		
12	Income from Miscellaneous Charges as per Schedule of General and Service Charges from Consumers	-		
13	Income from Other Business - Sale of Scrap	0.46	0.46	
14	Excess Provision of Income tax withdrawn	-		
15	Reversal of excess provision of Impairment Loss	-		
16	Any other income - Provisions withdrawn on unserviceable / obsolete items & losses under investigation	0.00		

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
17	Prior Period Income	-		
	Sub-Total	36.49	37.92	24.57
	Total	36.49	37.92	24.57



Income from Investments and Other Non-Tariff Income- SLDC Business

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
A	Income from Investment, Fixed & Call Deposits			
1	Interest Income from Investments		0	
2	Interest Income from Fixed Deposits	0.05	-	
3	Interest Income from Banks other than from Fixed Deposits		0	
4	Interest Income from any other source	0.00	-	
	Sub-Total	0.05	0.00	
B	Other Non-Tariff Income			
1	Interest on Loans and Advances to Staff			
2	Interest on Loans and Advances to Licensee			
3	Interest on Loans and Advances to Lessors			
4	Interest on Advances to Suppliers / Contractors			
5	Income from Trading (other than Electricity)			
6	Gain on Sale of Fixed Assets			
	- sale of land - additional compensation		-	
	-sale of other fixed assets		-	
	-reversal of excess provision of impairment loss			
7	Income/Fee/Collection against Staff Welfare Activities	0.00	-	
8	Miscellaneous Receipts			
i	Rental for staff quarters	0.03	0.03	
ii	Sale of tender forms			
iii	NOC charges from open access customers	0.08	0.08	
iv	Credit balance written back:			
v	-Sundry creditors		0	
vi	Penalty imposed on supplier/contractors	0.87	0.87	
vii	- Other sundry credit balance	0.00		
viii	-Security Deposits/EMD			

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
ix	Late/Delayed payment surcharge - PSPCL		0.04	
x	Rebate on early payment to NRLDC	0.15	0.07	
xi	Income from O&M of bays:-		0	
	- PGCIL			
	- M/s Ultratech			
	- Ganguwal- Mohali Line			
xii	Deposit foreieted			
xiii	Fee received for decided appeals			
xiv	Misc. receipt under open access			
xv	Departmental charges		-	
xiv	Sale of trees		-	
xv	Work appraisal charges		-	
xiv	Lease rent of fiber optic cable from PGCIL			
xv	Lease rent of land from Mandi board			
xiv	Recovery of Penalty from contractors			
xv	Use of crane/truck / Loader by other division		-	
xiv	Salary deposited/ Surety bonds by employees due to short period notice of resignation/retirement		-	
xv	Oil Testing fees		-	
xvi	Rent received from Punjab Police			
xvii	Miscellaneous income*	1.17	-	
9	Transmission and SLDC Operating charges for Open access customers	0.21		
10	Interest Income from any other source- interest received on refund of income tax			
11	Delayed Payment Charges from Consumers			
12	Income from Miscellaneous Charges as per Schedule of General and Service Charges from Consumers			
13	Income from Other Business - Sale of Scrap		-	
14	Excess Provision of Income tax withdrawn			
15	Reversal of excess provision of Impairment Loss			

S. No.	Particulars	FY 2023-24	FY 2023-24	FY 2025-26
		Audited Accounts	True-up	ARR
I	II	III	IV	V
16	Any other income - Provisions withdrawn on unserviceable / obsolete items & losses under investigation			
17	Prior Period Income			
	Sub-Total	2.51	1.09	1.39
	Total	2.56	1.09	1.39



Contributions, Grants and Subsidies towards Cost of Capital Assets- Transmission Business

(Rs. Crore)

S. No	Particulars	Previous Year (Actual)				Projection		
		FY 2023-24				FY 2025-26		
		Balance at the beginning of the year	Additions during the Year	Capitalisation	Balance at the end of the Year	Additions during the Year	Capitalisation	Balance at the end of the Year
I	II	III	IV	V	VI	VII	VIII	IX
1	Consumer Contribution Towards Cost of Capital Assets	26.61	27.02	31.82	21.81	-	-	
2	Subsidies Towards Cost of Capital Assets	-	-	-	-	-	-	
3	Grants Towards Cost of Capital Assets- yet to be utilized	3.11	54.11	3.20	54.01	-	-	
4	Grants Towards Cost of Capital Assets- utilized							
	Total	29.72	81.12	35.01	75.83	-	-	



Form T29

Contributions, Grants and Subsidies towards Cost of Capital Assets- SLDC Business

(Rs. Crore)

S. No	Particulars	Previous Year (Actual)			Projections	
		FY 2023-24			FY 2025-26	
		Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year
I	II	III	IV	V	VI	VII
1	Consumer Contribution Towards Cost of Capital Assets	0.00	0.05	0.05	-	-
2	Subsidies Towards Cost of Capital Assets	0.00	0.00	0.00	-	-
3	Grants Towards Cost of Capital Assets- yet to be utilized	3.23	5.18	8.41	-	-
4	Grants Towards Cost of Capital Assets- utilized				-	-
	Total	3.23	5.23	8.46	-	-



Existing & Proposed Tariff Schedule - Transmission Business

S. No.	User Type		Previous Year (2023-24)			Control Period Projections		
			Actual			2025-26		
			Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)
1	Distribution Licensee (PSPCL)				1592.03			1773.06
2	CPP Wheeling							
3	EHT Consumer Wheeling							
4	Other States Energy Wheeling							
5	Open Access Consumers:							
	a) Long Term Consumers	(At customer periphery after T&D losses)	252.938	Rs. 99878.94/MW/Month (for the period 01.04.2023 to 15.05.2023) & Rs.99953.34/MW/Month (for the period 16.05.2023 to 31.03.2024)		360	Rs. 105000/ MW/Month	
	b) Medium Term Consumers	(At customer periphery after T&D losses)	8.811	Rs. 99878.94/MW/Month (for the period 01.04.2023 to 15.05.2023) & Rs.99953.34/MW/Month (for the period 16.05.2023 to 31.03.2024) or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)		10	Rs. 105000/MW/Month or 25% of revenue realized from 2% additional injection (for Intra-State	---
	c) Short term Consumers (intra-State)	(At customer periphery after T&D losses)	9.86	Rs. 234.50/MWh (for the period 01.04.2023 to 15.05.2023) & Rs.232.45/MWh (for the period 16.05.2023 to 31.03.2024) or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)		9	Rs. 230/MWh or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)	
	Short Term (Inter-state)		39.19			50		

Note/ Assumptions:-

1. Transmission Tariff is charged on the total energy scheduled at Regional Periphery (excluding CTU & STU losses). Accordingly, figures for energy scheduled by open access customers both at customer periphery and approved/ billed energy have been given (with kWh as unit).
2. As the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable. However, figures for FY 2024-25 and FY 2025-26 have been projected on higher side depending on the current scenario. Further, the transmissison tariff is also subject to revision, as approved by Hon'ble PSERC in its Tariff Orders to be issued for upcoming financial years.
*Estimated figures based on prevailing Transmission tariff and anticipated open access quantum. Values may be got checked/verified from the O/o AO/ARR, PSTCL.
* M/s Tata Steels Ltd. has executed LTA contract for period 01.06.25 to 31.05.50. Further, the units transmitted figures cannot be worked out/projected for upcoming customers.
** M/s Ambuja Cements has executed MTOA contract for the period 01.09.24 to 31.03.26 for purchase of power to its three no. drawl units i.e. Ambuja Cements Ltd. Unit: Bathinda, Ambuja Cements Ltd. Unit: Ropar and Asian Fine Cements Private Ltd. Further, the maximum demand and units transmitted figures cannot be worked out/projected for upcoming customers.



Form T31

Revenue from Current Tariffs in Ensuing Years -Transmission Business							
FY 2023-24							
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Transmission charge in ₹/unit
1	Distribution Licensee (PSPCL)				1592.03		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers	252.938	76.129	Rs. 99878.94/MW/Month (for the period 01.04.2023 to 15.05.2023) & Rs.99953.34/MW/Month (for the period 16.05.2023 to 31.03.2024)			
	b) Medium term Consumers	8.811	2.31	Rs. 99878.94/MW/Month (for the period 01.04.2023 to 15.05.2023) & Rs.99953.34/MW/Month (for the period 16.05.2023 to 31.03.2024) or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)			
	c) Short term Consumers (Intra-State)	9.86	4.3	Rs. 234.50/MWh (for the period 01.04.2023 to 15.05.2023) & Rs.232.45/MWh (for the period 16.05.2023 to 31.03.2024) or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)			
6	Other Customers	39.19	3.24				

S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Transmission charge in ₹/unit
FY 2025-26							
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit
1	Distribution Licensee (PSPCL)				1773.06		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers	360	77	Rs. 105000/MW/Month			
	b) Medium term Consumers	10	2	Rs. 105000/ MW/Month or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)			
	c) Short term Consumers (Intra-State)	9	4	Rs. 230/MWh or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)			
	c) Short term Consumers (Inter-State)	50	0				
6	Other Customers						
Note/ Assumptions:							
	1. Energy Wheeled are the Units scheduled/ purchased/ sold/wheeled under Open Access at customer periphery (i.e. after deducting CTU losses, State transmission & distribution losses). Further, Units transmitted figure under LTA for the FY 23-24 pertains to Northern Railways scheduled power figure under LTA and units transmitted figure under STOA Inter-State Customers is the sum of Northern Railways scheduled figure under STOA Collective transaction and M/s Punjab Hydro scheduled figure under STOA Collective Sales transaction.Units scheduled in Million kWh under Open Access at customer periphery (i.e. after deducting CTU losses and State transmission & distribution losses).						
	2. Data of Maximum Demand in MVA is available only in case of Northern Railway as all other Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery). Further, Maximum demand of Northern Railways cannot be bifurcated under LTA & STOA. Hence, the total maximum demand has been shown under LTA Customers.						
	3. Figures under Long Term Access are based on LTA granted to Northern Railway for purchase of upto 35 MW (from 24.11.2019 to 01.08.2024) & 50 MW (from 02.08.2024 to 23.11.2044) power.						
	4. Figures under MTOA Pertains to wheeling of power by 5 no. MHPs of Winsome Yarns limited (granted during FY 2020-21).						

S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Transmission charge in ₹/unit
	5. As the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable. However, figures for FY 2024-25, and FY2025-26 have been projected on higher side depending on the current scenario. Further, the transmisison tariff is also subject to revision, as approved by Hon'ble PSERC in its Tariff Orders to be issued for upcoming financial years.						

* M/s Tata Steels Ltd. has executed LTA contract for period 01.06.25 to 31.05.50. Further, the units transmitted figures cannot be worked out/projected for upcoming customers.

** M/s Ambuja Cements has executed MTOA contract for the period 01.09.24 to 31.03.26 for purchase of power to its three no. drawl units i.e. Ambuja Cements Ltd. Unit: Bathinda, Ambuja Cements Ltd. Unit: Ropar and Asian Fine Cements Private Ltd. Further, the maximum demand and units transmitted figures cannot be worked out/projected for upcoming customers.



Form T32									
Revenue from Proposed Tariffs in Ensuing Year- Transmission Business									
FY 2023-24									
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore) without tax	Proposed Realization Rate (₹/ unit)	Transmission Charge in ₹/unit	Expected additional Revenue at proposed charges (₹ crore for Full Year)	Proposed Percentage Increase (%)
1	Distribution Licensee (PSPCL)				1592.03				
2	CPP Wheeling								
3	EHT Consumer Wheeling								
4	Other States Energy Wheeling								
5	Open Access Consumers:								
	a) Long term Consumers	252.938	76.129	Rs. 99878.94/MW/Month (for the period 01.04.2023 to 15.05.2023) & Rs.99953.34/MW/Month (for the period 16.05.2023 to 31.03.2024)					
	b) Medium term Consumers	8.811	2.31	Rs. 99878.94/MW/Month (for the period 01.04.2023 to 15.05.2023) & Rs.99953.34/MW/Month (for the period 16.05.2023 to 31.03.2024) or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)					
	b) Short term Consumers	9.86	4.3	Rs. 234.50/MW/h (for the period 01.04.2023 to 15.05.2023) & Rs.232.45/MW/h (for the period 16.05.2023 to 31.03.2024) or 25% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)					
	Short Term Consumers (Inter-State)	39.19	3.24						
6	Other Customers								

Losses in the Transmission System

	Particulars	FY 23-24	FY 24-25
		Actual	Actual
A	Losses in EHT System (400 kV)	At present, PSTCL Transmission Losses are not being calculated Voltage wise.	
	1 Energy received into the system		
	2 Energy Transmitted at this voltage level to consumers/beneficiaries		
	3 Energy transmitted to the next (lower) voltage level		
	4 Energy Lost (1-2-3)		
	5 Total Loss in the System (4/1)		
B	Losses in EHT System (220 kV)		
	1 Energy received into the system		
	2 Energy sold at this voltage level		
	3 Energy transmitted to the next (lower) voltage level		
	4 Energy Lost (1-2-3)		
	5 Total Loss in the System (4/1)		
C	Losses in EHT System (132 kV)		
	1 Energy received into the system		
	2 Energy sold at this voltage level		
	3 Energy transmitted to the next (lower) voltage level		
	4 Energy Lost (1-2-3)		
	5 Total Loss in the System (4/1)		
D	Overall Losses		
	1 Energy Received (in MWh)	65190615.537	19174246.81
	2 Energy Lost (in MWh)	1461734.548	399331.7
	3 Total Transmission Loss (2/1)	2.24%	2.08%*

*** Figures are upto June 2024**

Note: 1. Overall PSTCL Transmission Losses are calculated as per Boundary Metering scheme. PSTCL Transmission Losses are not calculated as per Voltage level.

2. Projections are not dealt by this office.

Voltage Wise System Losses - Month Wise SLDC

(MU)

S. No.	Particulars	FY 2023- 24											
		April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
A	System Losses at 400 KV	7.22	11.91	14.70	18.03	16.3213	15.5767	13.6302	20.684	21.295	16.272	8.698	12.133
B	System Losses at 220 KV	63.56	60.13	70.99	99.11	133.0232	84.8707	76.6490	51.502	60.885	77.915	65.236	61.427
C	System Losses at 132 KV	12.84	26.79	50.02	59.07	51.8885	62.6915	24.3998	15.461	16.696	19.431	21.375	19.297
D	Overall Losses (in MU)	83.62	98.84	135.71	176.20	201.23	163.14	114.68	87.65	98.88	113.62	95.31	92.86
S. No.	Particulars	FY 2024- 25											
		April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
A	System Losses at 400 KV	11.32	18.10	15.52	-	-	-	-	-	-	-	-	-
B	System Losses at 220 KV	63.84	93.23	119.65	-	-	-	-	-	-	-	-	-
C	System Losses at 132 KV	20.14	27.09	30.45	-	-	-	-	-	-	-	-	-
D	Overall Losses (in MU)	95.29	138.42	83.62	-	-	-	-	-	-	-	-	-

Note: 1. Segregation of Voltage wise losses from Actual Overall Losses has been done by calculating %age of Voltage wise losses from sum of Peak & Off-Peak Losses as calculated in PSSE software and then allocating that %age to actual Overall Losses. These figures are not actual.

Note: 1. Overall PSTCL Transmission Losses are calculated as per Boundary Metering scheme by this office.

2. Projections are not dealt by this office.

Voltage Wise System Losses (Peak) - Month Wise SLDC

MWh

S. No.	Particulars	FY 2023-24											
		April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
A	System Losses at 400 KV (in MWh)	1.825	4.025	5.8	5.35	3.025	4.525	2.800	3.850	4.075	3.350	1.525	2.025
B	System Losses at 220 KV (in MWh)	21.125	21.8	31.475	30.2	20.050	25.575	18.625	9.650	11.725	16.600	13.775	13.325
C	System Losses at 132 KV (in MWh)	3.75	9.475	22.775	19.8	10.225	21.500	6.125	2.875	3.000	3.775	4.550	4.000
D	Overall Losses (MWh)	26.7	35.3	60.05	55.35	33.300	51.600	27.550	16.375	18.800	23.725	19.850	19.350

S. No.	Particulars	FY 2024-25											
		April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
A	System Losses at 400 KV (in MWh)	2.1	3.425	4.225	-	-	-	-	-	-	-	-	-
B	System Losses at 220 KV (in MWh)	12.825	26.55	36.35	-	-	-	-	-	-	-	-	-
C	System Losses at 132 KV (in MWh)	4.2	7.7	9.825	-	-	-	-	-	-	-	-	-
D	Overall Losses (MWh)	19.125	37.675	50.4	-	-	-	-	-	-	-	-	-

Note: Voltage-wise Transmission Losses are calculated through PSSE software based upon Peak load of the month (assuming Peak Load for a 15-min block) and are not actual.

Voltage Wise System Losses (Off Peak) - Month Wise SLDC

(MWh)

S. No.	Particulars	FY 2023-24											
		April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
A	System Losses at 400 KV	0.900	0.800	1.400	1.425	1.300	1.55	1.25	1.1	1.25	0.9	0.825	1.15
B	System Losses at 220 KV	2.875	2.550	3.300	7.050	15.200	7.525	4.15	2.675	3.5	3.75	3.85	2.75
C	System Losses at 132 KV	1.100	1.375	1.725	2.400	3.525	2.95	1.125	0.825	1.175	1.3	1.225	1.05
D	Overall Losses (MWh)	4.875	4.725	6.425	10.875	20.025	12.025	6.525	4.600	5.925	5.950	5.900	4.950

S. No.	Particulars	FY 2024-25											
		April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
A	System Losses at 400 KV	0.950	3.275	1.050	-	-	-	-	-	-	-	-	-
B	System Losses at 220 KV	4.375	7.950	4.325	-	-	-	-	-	-	-	-	-
C	System Losses at 132 KV	1.225	2.325	0.525	-	-	-	-	-	-	-	-	-
D	Overall Losses (MWh)	6.550	13.550	5.900	-	-	-	-	-	-	-	-	-

Note: Voltage-wise Transmission Losses are calculated through PSSE software based upon Off-Peak load of the month (assuming Off-Peak load for a 15-min block) and are not actual.

Voltage Profile

S.No.	Particulars	First six months of the Previous Year		Last six months of the Previous Year		For the Current Year		Corrective Measures Proposed
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* The information may be furnished for five selected critical EHV substations.

Outages of Transmission Lines, Substations and outages due to tripping of HT feeders

S.No	Particulars	2023-24			Corrective Measures Proposed in the Ensuing Years to Avoid Trippings
	Feeder & Sub-Stations details	Time of Outage			
		Number	Minutes	Total Minutes	
I	II	III	IV	V	VI
1	400 kV Level				
a)	Feeders	1	1718	1718	
b)	Transformers	5	1701	1701	
c)	Sub-Station	0	0	0	
d)	Line	73	56331	56331	
e)	Bus Reactor	1	440	440	
f)	SVCs	0	0	0	
2	220 kV Level				
a)	Feeders	13	7527	7527	
b)	Transformers	126	64944	64944	
c)	Sub-Station	23	1208	1208	
d)	Line	590	409878	409878	
e)	Bus Reactor	1	208	208	
f)	SVCs	0	0	0	
3	132 kV Level				
a)	Feeders	10	1293	1293	
b)	Transformers	229	59818	59818	
c)	Sub-Station	4	205	205	
d)	Line	1045	299223	299223	
e)	Bus Reactor	0	0	0	
f)	SVCs	0	0	0	
4	66 kV Level				
a)	Feeders	10	994	994	
b)	Transformers	598	83998	83998	
c)	Sub-Station	390	37993	37993	
d)	Line	7001	690934	690934	
e)	Bus Reactor	0	0	0	
f)	SVCs	0	0	0	

Form T40

Failure of Transformers

S.No	Particulars	Previous Year FY-2023-24		Current Year FY-2024-25	
		Actual		Actual upto Sep-2024	
		Number	%	Number	%
I	II	III	IV	V	VI
1	EHT Transformer				
	i) 400 kV Sub-Stations				
	ii) 220 kV Sub-Stations	6	1.30	4	0.84
	iii) 132 kV Sub-Stations	1	0.55	0	0
2	Power Transformer (HT)				
	i) 400 kV Sub-Stations				
	ii) 220 kV Sub-Stations				
	iii) 132 kV Sub-Stations				



Form
T41

Peak Demand in MW

S.No.	Particulars	(MW)								Previous Year	Current Year (Upto August 2024)
		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual		
I	II	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	
III	IV	V	VI	VII	VIII	IX	X	XI			
1	Peak Period										
	a) Winter										
	b) Summer										
	c) Other										
2	Maximum Peak Demand										
	a) Restricted	11408	11705	12638	13606	13148	13431	14311	15293	16058	
	b) Unrestricted	11408	11705	12638	13606	13148	15336	14311	15293	16058	
3	Peak Availability Assessed										
4	Shortfall in meeting Peak Demand										
	a) Restricted	0	0	0	0	0	1905	0	0	0	
	b) Unrestricted										

Form T44**Income Tax Provisions****(Rs. crore)**

S. No.	Particulars	Previous Year	Estimated Year
		FY 2023-24	FY2025-26
		Actual	Projection
I	II	III	IV
1	Provision made/Proposed for the Year	-	-
2	Details as per Return filed for the Year	-	-
3	As Assessed for the Year	-	-
4	Credit/Debit of Assessment Year (Give Details)	-	-
	Total	-	-



Form T45**Transmission Availability (%)**

Sr.No.	Months	True-Up
		FY 2023-24
I	II	III
1	April	99.9072
2	May	99.8909
3	June	99.7253
4	July	99.9076
5	August	99.7514
6	September	99.8843
7	October	99.9297
8	November	99.9598
9	December	99.8124
10	January	99.8377
11	February	99.9312
12	March	99.9182
13	FY2023-24	99.8678



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