



PUNJAB STATE TRANSMISSION CORPORATION LIMITED

Regd. Office: PSEB Head Office, The Mall Patiala-147001, Punjab, India.

Corporate Identity Number: U40109PB2010SGC033814 (www.pstcl.org)

(Office of Chief Accounts Officer (F & A), ARR Section)

3rd Floor, Opp.Kali Mata Mandir, Shakti Sadan, Patiala

Fax/Ph. No.0175-2790183 Email :- fa@pstcl.org

To

The Registrar,
Punjab State Electricity Regulatory Commission
Site No. 3, Madhya Marg, Sector – 18A
Chandigarh, 160018

Memo No. SPL-1 /CAO(F&A)/MYT-III

Dated: 28/12/2022


Subject: MYT Petition for 3rd Control Period from FY 2023-24 to FY 2025-26 including True up of FY 2021-22 and APR of FY 2022-23 – Deficiencies thereof:

Ref: Hon'ble Commission's Order dated 21.12.2022 in Petition no. 73 of 2022.

Hon'ble Commission has pointed out some deficiencies in subject cited petition vide order under reference. In compliance with the said order ~~enclosed~~ please find enclosed herewith 12 copies of the reply for further necessary action.

The soft copy of the submissions (in MS excel/word) has been sent separately through email dated 28.12.2022.

DA/As above


Chief Accounts Officer (F&A)
PSTCL, Patiala.

Replies to Deficiencies

- 1. Formats and Annexures:** PSTCL to submit all the formats in MS Excel format for FY 2021-22 and FY 2022-23 and Multi Year Tariff for Control Period FY 2023-24 to FY 2025-26.

PSTCL's Reply:

All formats for FY 2021-22 & FY 2022-23 and MYT Control Period from FY 2023-24 to FY 2025-26 in MS Excel format have been sent through email dated 28.12.2022.

- 2. Audited/Provisional Accounts:** PSTCL has to submit the following

- Complete annual audited accounts for FY 2021-22 (Annexure-1 to the Petition) signed/certified by the auditor and Actual provisional accounts for H1 of FY 2022-23 (in MS Excel format including Trial Balance for FY 2021-22 and H1 of FY 2022-23).

PSTCL's Reply:

Complete annual audited accounts for FY 2021-22 signed/certified by the auditor have already been provided as Annexure-1 of the Petition. Provisional accounts for H1 of FY 2022-23 (in MS Excel format including Trial Balance for FY 2021-22 and H1 of FY 2022-23 have been sent through email dated 28.12.2022.

- Provisional Cost Accounts and Cost Audit Report for FY 2022-23 and Audited accounts for the same needs to be furnished as soon as it is available.

PSTCL's Reply:

The Cost Accounts and Cost Audit Report for FY 2022-23 will be submitted as soon as it is available.

3. Capital Expenditure and Capitalization

- In format T15, Unforeseen work at Sr. No. 188 & 189 has been described as "CWIP received" and "Change of phase" with no other details and capital expenditure of Rs.14.99 Crore and Rs. 0.40 Crore has been submitted against these works. Also, PSTCL has submitted unforeseen works from Sr. No. 177 to 189. PSTCL to submit specific details of all these works.

PSTCL's Reply:

It is hereby intimated that in format T15, works mentioned at Sr. No. 188 is described as "CWIP received from Grid Ludhiana" and works mentioned at Sr. No. 189 is described as "Change of phase sequences of wave strap of Rajpura- Dhuri line at 400 KV S/s Rajpura". The same are already mentioned in the excel file submitted/ Also it is submitted that unforeseen works from Sr. No. 177 to 189 mentioned is related to approved 2nd MYT 2020-23 (i.e. Sr. No. 92, "Unforeseen works").

- ii) In format T15, PSTCL has submitted schemes at Sr. No. 190 to 294 in which no approval of the Commission has been specified. PSTCL needs to submit either the approval of the Commission for these works or specify whether these schemes are of emergent nature approved by BoDs.

PSTCL's Reply:

The details of works mentioned from Sr. No. 190-196 are attached herewith as **Annexure A**.

The works from Sr. No. 197-203 are R&M works. These expenses are already adjusted in the petition at Table-14.

Sr. No. 197: No new expenditure comes in FY 2021-22, it will not come again in next CWIP. Rest work is present in the Planning list of 2012-13 at Sr. no. 7 and approved by Chief Engineer/TS.

Sr. No. 198: Work was started in FY 2018-19 and has been present in GH-14 and notified by higher authority to continue the work in GH-14.601 but in FY 2021-22 estimate of this work passed by Director/Tech. So, this amount will be transferred to GH 74 in FY 2022-23, rest work has been approved by Director/Tech. and will be transferred to GH 74 FY 2022-23.

Sr. No. 199: No expenditure incurred in FY 2021-22, only Asset Has Been Transferred & Closing CWIP is Nil (Will Not Come Again in Next CWIP). Work Approved by Chief Engineer/TS.

Sr. No. 200: No expenditure incurred in FY 2021-22, only Asset Has Been Transferred & Closing CWIP is Nil (Will Not Come Again in Next CWIP). Work Approved by Director/Tech.

Sr. No. 201: No new expenditure incurred in FY 2021-22, amount standing in opening CWIP and expenditure of which transferred to GH-74 hence closing CWIP is Nil (will not come again in next CWIP). Rest spot committee has

been constituted in order to tackle the urgency of work as written by ASE/P&M, PSTCL, Bathinda in which spot committee has been formed.

Sr. No. 202: No expenditure incurred in FY 2021-22 only asset has been transferred, hence closing CWIP is nil (will not come again in next CWIP).

Sr. No. 203: Approved by Chief Engineer/TS and included in planning list of 2015-16.

Sr. No. 204 is already approved in 1st MYT (Sr. No. 17).

Works starting from Sr. No. 205-291 are the works which are ratified by BODs and have been approved in 3rd MYT 2023-26 vide PSERC Petition 50 of PSTCL.

Sr. No. 205: No expenditure comes in FY 2021-22 only asset has been transferred in FY 2021-22, hence closing CWIP is Nil (will not come again in next CWIP).

Sr. No. 206: No expenditure comes in FY 2021-22 only asset has been transferred in FY 2021-22, hence closing CWIP is nil (will not come again in next CWIP). Approved by Chief Engineer/TS.

Sr. No. 207: Expenditure comes in FY 2021-22 transferred to P&M division by which closing CWIP is nil (will not come again in next CWIP). Rest approved by Director/Tech.

Sr. No. 292 is approved in 1st MYT and 2nd MYT (Sr. No. 152-155 of 1st MYT)

Sr. No. 293 is approved in 1st MYT and 2nd MYT (Sr. No. 172-175 of 1st MYT) and

Sr. No. 294 is related to Contributory work.

It is further submitted that the works planned by PSTCL beyond the MYTs are intended for avoiding any emergent or exigent conditions in the transmission system of Punjab. Although the specific word "Emergent" is missing in the agendas put up before the BODs of PSTCL and/or the petitions put up before the PSERC for those works, the same may be considered as of emergent nature. Moreover, only the preliminary works like route survey, land demarcation, drawing preparation, tender processing etc. are carried out at no major expense so as to save time and safeguard ROW.

Swami

- iii) PSTCL has submitted own funding of PSDF after Sr. No. 294 as Rs. 9.06 Crore for FY 2021-22 but has not submitted the scheme details. PSTCL to submit the scheme wise details of the own funding and grants received.

PSTCL's Reply:

Detailed list of work/schemes funded through own funding and Govt. Grants is attached herewith as **Annexure – B**.

- iv) PSTCL to submit the details of assets directly transferred to GFA amounting to Rs 28.40 crores during FY 2021-22 as submitted in Table 14 of the Petition.

PSTCL's Reply:

Details of asset addition directly purchased for FY 2021-22 have been sent through email dated 28.12.2022.

- v) PSTCL to submit the Fixed Asset Register (FAR) prepared for FY 2021-22.

PSTCL's Reply:

Fixed Asset Register for FY 2021-22 have been sent through email dated 28.12.2022.

- vi) PSTCL to submit a detailed list of assets decapitalized in FY 2021-22.

PSTCL's Reply:

Fixed Asset Register containing detail for asset decapitalized during FY 2021-22 have been sent through email dated 28.12.2022.

4. **O&M Charges:** PSTCL has worked out the K factor for working out the A&G expenses when as per Regulation 26 of PSERC Regulation 2019, K factor is to be Worked out only for R&M expenses. PSTCL to explain why the methodology has been changed from previous years (as also worked out in CIP for third control period) for calculating A&G expenses in this petition.

Enalini

PSTCL's Reply:

PSTCL has claimed A & G expenses on account of asset addition during the year as per PSERC MYT Regulations, 2019. Extract of relevant regulation is as follow:

As per Note 10 under Regulation 26 of MYT regulations, 2019 "*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.*

There is no change in methodology. The nomenclature "K Factor" is only %age of expenses to be applied on asset addition during FY 2021-22 as per above regulation, which may be named as other.

5. Interest Charges:

- i) PSTCL has submitted only weighted average rate of interest for calculation of interest rate for long term loans. Loan master depicting opening, addition, repayment, closing loan and interest paid may be provided to calculate the actual rate of interest as per Regulations 24 of PSERC Regulations 2019.

PSTCL's Reply:

Loan master depicting opening, addition, repayment, closing loan and interest paid is attached as **Annexure-C**.

- ii) PSTCL to submit the calculations for funding requirements and loans for spillover and new schemes separately as per the methodology approved by the Commission in previous orders. Reasons for not claiming funding SLDC schemes through equity.

PSTCL's Reply:

PSTCL has already provided in MYT Petition funding requirement for Spill over schemes and New Schemes separately. As per PSERC methodology, Capital Expenditure for Spill over schemes and Capitalization of New Schemes i.e. schemes started after 01.04.2020 shall be considered for funding. Therefore PSTCL has adopted the methodology as adopted by PSERC. Same is reproduced here as follow:

Funding Requirement for Capital Investment for FY 2021-22 (Rs. Crore)

Sr. No.	Particulars	STU	SLDC	PSTCL
1	CAPEX of Spill over Schemes (excluding Contributory & PSDF)	135.72	0.66	136.38
2	Capitalization of New Schemes (excluding Contributory & PSDF)	92.70	0.22	92.92
3	Directly Capitalised	28.40	0	28.40
4	Total funding for CAPEX	256.82	0.88	257.70
a	Funding through Equity (30%)	77.31	0.00	77.31
b	Funding through Loan (70%)	179.51	0.88	180.39
b(i)	Funding through Loan (New Schemes)	43.79	0.22	44.01
b(ii)	Funding through Loan (Spill Over Schemes)	135.72	0.66	136.38

As there is no separate balance sheet of SLDC. So equity has been attributed towards STU only.

- iii) PSTCL needs to explain why the methodology of repayment of loan has been changed for FY 2021-22 and FY 2022-23. As per Regulations 24 of PSERC Regulations, 2019 repayment for each year shall be deemed to be equal to the depreciation allowed.

PSTCL's Reply:

Repayment of Loan is kept equal to depreciation charged during the year. However, PSTCL has not considered the depreciation on assets Commissioned before 16.04.2010 for repayment of loan. As there is no outstanding loan balance as on date for assets created before 16.04.2010. Therefore, PSTCL has not considered depreciation of those assets for repayment of loan.

- iv) PSTCL to explain reason for not claiming funding of spillover schemes for Transmission business through equity.

PSTCL's Reply:

PSTCL has claimed the Spill Over Works through loan only as the Loan for Spill over schemes is already approved or under process. The amount of equity has been used in funding of New Schemes.

Sudhish

6. Depreciation:

- i) As per MYT Regulations, Depreciation shall be calculated annually as per straight line method over the useful life of the asset. Provided that the remaining depreciable value as on 31st March of the year closing after a period of 12 years from date of commercial operation/ put in use of the asset shall be spread over the balance useful life of the assets. The details of depreciation for FY 2021-22 be provided in light of the aforesaid regulation incorporating the following:

- a) Details may be prepared head-wise for all assets with further break up of each asset to account codes.

PSTCL's Reply:

Head-wise details for all assets with further break up of each asset to account codes for FY 2021-22 have been sent through email dated 28.12.2022.

- b) The details may be furnished separately for Transmission Business & SLDC Business.

PSTCL's Reply:

Separate details for Transmission Business & SLDC Business for FY 2021-22 have been sent through email dated 28.12.2022.

- ii) PSTCL to submit the detailed list of assets completing 90% of depreciation for FY 2021-22 (actuals), FY 2022-23 (estimated) and FY 2023-26 (estimated).

PSTCL's Reply:

List of assets completing 90% of depreciation has been sent through email dated 28.12.2022.

7. Late Payment surcharge

- i) PSTCL has subtracted financing cost of Late payment surcharge received from PSPCL. Calculation of financing cost to be provided.

PSTCL's Reply:

Calculation Sheet for Finance cost borne by PSTCL due to payments delayed from PSPCL have been sent through email dated 28.12.2022.

- ii) PSTCL has subtracted financing cost of Late payment surcharge received from NRLDC on rebate on early payment. Calculation of financing cost to be provided

PSTCL's Reply:

Calculation Sheet for Finance cost borne by PSTCL due to early payments made to NRLDC have been sent through email dated 28.12.2022.

8. Input and Output Energy

- i) With regard to Transmission Availability and Losses, in Annexure-II, PSTCL has submitted the details of energy. PSTCL to further submit the following:

a) The detailed calculations of the energy inflow into PSTCL system and Energy outflow from PSTCL system clearly indicating energy inflow and outflow from/to various generators, PSPCL, inter-state points and other such points.

PSTCL's Reply:

The detailed calculations of the energy inflow/outflow into/from PSTCL system from/to various generators, PSPCL, inter-state points and other such points is attached herewith as **Annexure D**.

- b) Submit the reconciled/validated energy inflow/outflow from PSPCL

PSTCL's Reply:

Data of energy inflow/outflow has been forwarded to CE/PPR, PSPCL, Patiala for reconciliation. As and when the information is received from their office the reconciled data will be sent.

- ii) **Transmission Capacity:** In format T22, PSTCL has submitted the details of transmission capacity from FY 2021-22 to FY 2025-26. The same be got reconciled with/validated from PSPCL.

PSTCL's Reply:

Transmission Capacity as submitted in format T-22 is itself provided by PSPCL. Therefore same need not to be reconciled with PSPCL.

Suman

9. In para 4.14, PSTCL has indicated ULDC Charges of Rs. 12 Crore for each year of 3rd MYT & further indicated ULDC II, ULDC III & FOCS charges of Rs. 1.5 Crore, Rs. 3.5 Crore and Rs. 3.5 Crore respectively for each year of 3rd MYT. PSTCL to provide details of these charges.

PSTCL's Reply:

The detail of ULDC Charges is attached herewith as **Annexure E**.

It is further submitted that inadvertently in the Table-89 of MYT Petition of 3rd Control Period i.e. from FY 2023-24 to FY 2025-26, ULDC Charges of SLDC were claimed Rs. 3.50 crore instead of Rs. 12.00 crore. However in table no. 86 of Para 4.14, it has been claimed correctly i.e. Rs. 12.00 crore. The Revised Table – 89, Table – 90 and related format T-2 is hereby attached as per **Annexure – F**.

DA/As above


CAO (Finance & Audit)
PSTCL, Patiala

Annexure - A1

190	WTDs	providing and fixing steel stair case P&M Mohali	2021-22	0	55,300	55,300	0			
191	WTDs	Construction of footpath on sides of Main Road along with drainage system 220 kv's/s Mohali I	2021-22	0	21,08,467	21,08,467	0			
192	WTDs	Reconstruction and repair of boundary wall raising of boundary wall and construction of security hut at 220 kv	2021-22	0	11,99,700	11,99,700	0			
193	WTDs	providing and fixing steel stair case P&M Ferozpur & Mohali	2021-22	0	91,300	91,300	0			
194	WTDs	p/f ms staircase as per drawing in various 220/132 kv substations	2021-22	0	4,30,680	1,08,127	3,22,553			

Approved by Agenda No. 180/CE PLM/21-22 Dt. 27.01.2021

Approved by Agenda No. 190/CE PLM/21-22 Dt. 08.06.2021

Approved by Agenda No. 190/CE PLM/21-22 Dt. 08/06/2021

Approved by Agenda No. 180/CE PLM/21-22 Dt. 27.01.2021

Approved by Agenda No. 180/CE PLM/21-22 Dt. 27.01.2021

RF

Approval
 By Agenda No. 180/CE
 P&M de. 27.01.2021

Approval
 By Agenda No. 180/CE
 P&M de. 27.01.2021

195	WTDs	Providing MS and Fixing MS Staircase at existing 132/220KV S/Stns Under P&M Circle	2021-22	0	3,66,552	3,66,552	3,66,552	0			
196	WTDs	P&F of MS Staircase at various S/Stn. Under P&M Circle	2021-22	0	3,28,970	3,28,970	3,28,970	0			

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PUNJAB STATE TRANSMISSION CORPORATION LIMITED

(Regd. Office: PSEB Head Office, The Mall, Patiala-147001)

Corporate Identity Number: U40109PB2010SGC033814

www.pstcl.org (O/o Company Secretary) E-mail: CompanySecretary@pstcl.org

Tel./Fax No. 0175-2970047

Subject:- CE/P&M Agenda No. 180/CE/P&M dated 27.01.2021- Administrative approval for providing MS stair case for access to roof top of Switch House Buildings of existing Sub Stations.

The decision taken by the Committee of Whole Time Directors in its 82nd meeting held on 25.02.2021 at VIP Guest House, Mohali, on the above subject is as under:-

"The Committee perused the agenda put up by CE/P&M and after detailed deliberations, accorded administrative approval for providing MS stair case for access to roof top of 99 Switch House Buildings of existing Sub Stations as per Annexure-I of the agenda and also approved a budget of Rs. 32 Lakhs for this purpose".

This is for information and necessary action under due intimation to this office please.

Company Secretary
Practising
PSTCL, Patiala.

To

Chief Engineer/P&M,
PSTCL, Ludhiana.

U.O. No. 312/WTD-82.4/PSTCL

Dated: 05.03.2021

Sr. Pen/W&A/Supdt
[Signature]

ਮਿਤੀ 08/3/2021

ਪਿਛੇ ਮਿਲੇ ਕੰਮ 2106 ਉਪਰੋਕਤ ਚ ਉਤਾਰ ਉਪਰੋਕਤ ਵਿਖੇ ਯੀ ਤੇ ਮੌਜੂਦਗੀ ਕਾਰਜ ਕਾਰਜ ਕਰਵਾਏ ਜਾਣਗੇ।

[Signature]

ADDL S.E./W & A
O/o. E.I.C./P & M.
PSTCL, Ludhiana.

pstcl

PUNJAB STATE TRANSMISSION CORPORATION LIMITED

(Regd. Office: PSEB Head Office, The Mall, Patiala-147001)

Corporate Identity Number: U10109PH2010SA11039614

www.pstcl.org (O/o Company Secretary) E-mail: compsec@pstcl.org

Tel. No. 0174-2970017

Subject:- CE/P&M Agenda No. 190/CE/P&M/2021-22 dated 08.06.2021- To develop the premises of 220 KV Grid Sub-Station, Mohali-I as model colony of PSTCL.

The decision taken by the Committee of Whole Time Directors in its 87th meeting held on 11.06.2021 at Room No. 16, 8th Floor, Punjab Civil Secretariat Chandigarh, on the above subject is as under:-

"The Committee perused the agenda put up by CE/P&M and after deliberation, it was decided as under:

- i. Administrative approval be and is hereby accorded to develop the residential and non residential premises of 220KV Grid Sub Station, Mohali-I as "Model Colony of PSTCL" as per Annexure-IV of the agenda.
- ii. Budget Grant as per Annexure-IV including expenditure on outsourced activities of upkeep and maintenance of the proposed model colony only for the current year is hereby allocated.
- iii. The outsourcing activity shall be further extended on yearly basis with the approval of Director/Technical subjected to change in minimum wages of workers fixed by DC and statutory benefits as per labour laws.
- iv. PSPCL authorities shall be requested for shifting of damaged transformers and PCC poles lines in the complex at appropriate place and facelift of their office buildings in the premises will also be got done.
- v. Some NGO or Health department shall be requested to provide services of physician and pharmacist including furniture and medicines etc to run dispensary as proposed in para 2 of the agenda".

This is for information and necessary action under due intimation to this office

Pawan Singh
Company Secretary
PSTCL, Patiala

Chief Engineer/P&M,
PSTCL, Ludhiana.

U.O. No. 869/WTD-84.23/PSTCL

Dated: 15.07.2021

SP

Annexure - B

Details of Capital work in progress (CWIP) as on 31-03-2022 - relating to 132/220 KV works, 400KV works, Consumer Contribution and Govt- Grant Cases

Sr- No-	Name Of Work	Financial Year	Date of Commencement	Opening Balance as on		Addition made during		Transfer to Fixed Asset during FY 2021-22		Closing Balance as on		Remarks
				Govt Grant	Others	Govt Grant	Others	Govt Grant	Others	Govt Grant	Others	
1												
2	E-2021-781-04608 » 2020-21 » TSW-P-86/P » Destraining/replacement of insulators on ducts on 220	2020-21	15-10-2020	58,61,565	19,53,855	-58,61,565	1,24,19,881	0	1,43,73,736	0	0	WIP
3	Replacement of conductor 132KV line from 220KV S/S Verpal to 132KV S/S Malwanadi/Antestical with E-2122-781-04440 » 2021-22 » Erection of 120kN Silicon Rubberize Polymer Insulators for same	2020-21	15-10-2020	1,49,65,324	49,88,441	1,23,79,314	41,26,438	2,73,44,638	91,14,879	0	0	completed and transferred, remaining balance relating to EC and interest will be completed and
4	1-803-1222-073 02-05-2022 E-2021-781-06841 A» 2020-21 A» Supply, Erection, Testing and	2021-22	15-04-2021			1,17,215	39,072	1,17,215	39,072	0	0	transferred, remaining balance relating to EC and interest will be
5						2,97,77,327	2,97,77,327			2,97,77,327	2,97,77,327	WIP
6	2nd DC Supply Sources (220VDC) under PSDF Scheme at 220kV Swadi	2018-19	01-03-2019	4,82,51,939	53,61,327	2,95,80,962	32,86,774	7,78,32,901	86,48,100	0	0	Work Transferred
7	Bus Bar Protection scheme for 45 no S/Stms. (90% funding Under			39,72,461	4,41,385	-4,06,06,103	4,10,11,019	-3,79,28,986	4,13,08,476	12,95,344	1,43,927	Work Transferred
8	Bus Bar Protection scheme for 45 no S/Stms. (90% funding Under			25,52,823	2,83,647	-8,77,445	-97,494	16,75,378	1,86,153	0	0	Work Transferred
				7,56,04,112	1,30,28,654	2,45,09,705	9,05,63,016	6,90,41,146	7,36,70,416	3,10,72,671	2,99,21,254	Work Transferred

RF

REC 2021-22 Utilisation

Particular	Avg. Utilisation
Monthly scheme Avg.	494.95
Qtry 20.6.21	444.42
Qtry. 6.21 PSEB	3.85
Qtry 20.9.21	431.20
20.9.21 PSEB	2.24
Qtr 20.12.21	418.67
20.12.21 PSEB	1.94
03.2022	415.74
Total	2213.00
Interest paid	204.23
Avg. ROI	9.23%

[Handwritten mark]

[Signature]
 Accounts Officer
 Loan & Banking
 PSTCL, Patiala

Annexure - C2

Detail of PFC interest for the FY 2021-22

From	To	Loan balance	ROI	Interest	Utilisation
01.4.21	14.04.21	102388263	10.65	418249	3927221
15.04.21	14.05.21	103314387	9.25%	785471	8491593
15.05.21	14.06.21	104099858	9.25%	817825	8841358
15.06.21	14.07.21	104917683	9.25%	797662	8623371
15.07.21	15.08.21	105715344	9.25%	857308	9268195
16.08.21	14.09.21	106572652	9.25%	810243	8759396
15.09.21	15.10.21	107382895	9.25%	843617	9120191
16.10.21	14.11.21	108226512	9.25%	822817	8895330
15.11.21	14.12.21	109049329	9.25%	829073	8962959
15.12.21	14.01.22	109878402	9.25%	863222	9332138
15.01.22	17.01.22	110741624	8.41%	76548	910205
18.01.22	14.02.22	247045624	8.41%	1593816	18951445
15.02.22	14.03.22	248715988	8.24%	1572161	19079583
15.03.22	31.03.22	250288149	8.30%	967552	11657256
Total-5				12055564	134820241
Loan-9	21.03.22	146300000	8.30%	365950	4409041
Loan-11	30.03.22	500000000	8.30%	227397	2739726
C. Total				12648912	141969008

Rs. in Cr. 1.26 14.19

Avg. ROI 8.30% 8.88%

(Signature)
 Director
 Finance & Banking
 FSTCL, Patiala

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Detail of SBI MTL 300 Crore A/c no.38324878056

Month	Interest		Loan balance	Int. rate	Utilisation
	Principal Cr.	Cr. Deposit			
01.04.2021			2549121420	7.35%	202532935
30.04.2021	62500000	15400000	2471221420	7.35%	6770470
30.04.2021			2486605220	7.35%	204378511
31.05.2021	62500000	15522600	2408582620	7.35%	6598856
01.06.21			2424089456	7.35%	146109501
23.06.21			2423066435	7.35%	6638538
24.06.21			2421121691	7.35%	39799761
30.06.21	62500000		2358621691	7.35%	
30.06.21		14153000	2344468691	7.35%	6423202
30.06.21			2359093023	7.35%	0
01.07.21		471332	2358621691	7.35%	25847909
05.07.2021			2358621691	7.30%	64619772
15.07.21			2358512582	7.30%	103386853
31.07.21	62500000	14636500	2281376082	7.30%	6250345
31.07.21			2295996662	7.30%	188712054
31.08.21	62500000	14236000	2219260662	7.30%	6080166
31.08.21			2233480494	7.30%	0
30.09.21	62500000	13401000	2157579494	7.30%	177454615
30.09.21			2170965197	7.30%	5911177
31.10.21	62500000	13460000	2095005197	7.30%	178435496
31.10.21			2108434797	7.30%	5739740
30.11.21	62500000	12651000	2033283797	7.30%	167519477
30.11.21			2045919376	7.30%	5870641
31.12.21	62500000	12685000	1970734376	7.30%	168157757
31.12.21			1983404039	7.30%	5399272
31.01.22	62500000	12297105	1908606934	7.30%	163019510
31.01.22			1920889080	7.30%	5279000
28.02.22	62500000	10756979	1847632101	7.30%	142093165
28.02.22			1858374429	7.30%	5062005
31.03.22	62500000	11522000	1784352429	7.30%	152715154
31.03.22			1795859546	7.30%	4178537
Total	750000000	161192516	157930642		2201372030
			Avg. ROI		7.17

SK

Accounts Officer
Loan & Banking
PSTCL, Patiala

Nabard Interest FY 2021-22

Loan Balance 31.03.21	Interest paid on 01.07.21	Principal paid on 30.06.21	Principal paid on 30.09.21	Interest paid on 01.10.21	Principal paid on 31.12.21	Interest 31.12.21	Principal paid on 31.03.22	Interest paid on 31.03.22	Loan Balance 31.03.22
476763752	11481425	13243437	13243437	10803652	13243437	10494880	13243437	9964598	423790004
442180290	10648586	12282785	12282785	10019977	12282785	9733603	12282785	9241787	393049150
239232002	5761185	6645333	6645333	5421090	6645333	5266154	6645333	5000067	212650670
579940893	13966451	14870279	14870279	13170892	14870279	12824189	14870279	12206157	520459777
1758116937	41857647	47041834	47041834	39415611	47041834	38318826	47041834	36412609	1549949601

91

Avg Utilisation 1667747509
 Interest 156004693
 ROI Avg. 9.35



Account Officer
 Loan & Banking
 PSTCL, Patiala

PFC-2 (495.57 Cr.) 2021-22 utilisation

Pri. Paid	Loan Amount	From	To	Days	Net ROI	Net Interest	Utilisation
	4955700000	01.04.21	14.04.21	14	9.70%	18437918	190081644
	4955700000	15.04.21	14.05.21	30	9.25%	37676897	407317808
	4955700000	15.05.21	14.06.21	31	9.25%	38932794	420895068
	4955700000	15.06.21	14.07.21	30	9.25%	37676897	407317808
82595000	4873105000	15.07.21	15.08.21	32	9.25%	39518879	427231123
82595000	4790510000	16.08.21	14.09.21	30	9.25%	36421001	393740548
82595000	4707915000	15.09.21	15.10.21	31	9.25%	36986154	399850315
82595000	4625320000	16.10.21	14.11.21	30	9.25%	35165104	380163288
82595000	4542725000	15.11.21	14.12.21	30	9.25%	34537156	373374658
82595000	4460130000	15.12.21	14.01.22	31	9.25%	35039514	378805562
82595000	4377535000	15.01.22	14.02.22	31	9.25%	34390634	371790644
82595000	4294940000	15.02.22	14.03.22	28	8.24%	27148728	329474849
82595000	4212345000	15.03.22	31.03.22	17	8.30%	16283887	196191411
				365		428215562	4676234726
					Avg. ROI		9.16




 Accounts Officer
 Loan & Banking
 PSTCL, Patiala

Answer-D1

Energy Exchange Status of PSTCL system (400kV/220kV/132kV Network) FY 2021-2022 (with addition of import from T-D points)

Month	Energy exchanged within PSTCL network at I-T Interface points (between Interstate and PSTCL substations as per meters installed at 400/220/132 Levels)			Energy exchanged within PSTCL network at G-T Interface points (Between Punjab Generating stations and PSTCL substations as per meters installed at Generating stations)			Energy exchanged with PSPCL at T-D Boundary points as per meters installed at PSTCL Substation			Transmission losses Data			
	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy import	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy import	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy exported by PSTCL to PSPCL	Total Import at PSTCL substations	Total Export at PSTCL substations	Transmission Losses at 400/220/132kV Level	%age losses
	1	2	3=1-2	4	5	6=4-5	7	8	9=8-7	10=3+4+7	11=8	12=10-11	12*100/10
April 2021	2248213.728	614346.654	1634867.074	1922984.324	306841.558	1616142.766	89239.780	3259429.961	3169190.181	3340249.620	3259429.961	81819.659	2.45
May 2021	3095975.627	355450.685	2740524.932	1787029.939	364203.082	1422826.857	69166.604	4141629.843	4072463.239	4232518.393	4141629.843	90828.550	2.15
June 2021	4472340.131	277645.032	4194695.039	2507075.526	289373.839	2217701.687	57009.665	6336021.399	6279011.734	6465846.391	6336021.399	133384.962	2.06
July 2021	5399346.722	196178.348	5203168.374	2735722.951	336919.332	2398603.619	42368.769	7492023.593	7447934.924	7644340.762	7492023.593	154137.169	2.02
Aug. 2021	5216478.483	313141.306	4903337.177	3113737.317	313520.561	2800216.756	42678.033	7574879.155	7532201.122	7746231.966	7574879.155	171352.811	2.21
Sept. 2021	4398707.999	269892.648	4128815.351	2178708.325	329006.595	1849701.730	42329.072	5878788.015	5836458.943	6020346.153	5878788.015	141558.138	2.35
Oct. 2021	2734947.267	434848.181	2300099.086	2269477.746	142749.673	2126728.073	64431.718	4377668.584	4313236.965	4431258.877	4377668.584	113590.294	2.53
Nov. 2021	2184322.180	703699.966	1480622.214	1733044.759	190593.787	1542450.972	62179.003	3002146.031	2939552.189	3002146.031	3002146.031	82366.159	2.69
Dec. 2021	2922044.581	776014.8	2146029.781	1795565.982	181657.856	1613908.126	58120.3832	3711614.024	3653493.641	3818058.290	3711614.024	106444.266	2.79
Jan. 2022	2473712.454	915000.080	1558712.374	2012285.637	159709.428	1852576.209	48651.4644	3378139.36	3320487.895	3459740.747	3378139.360	81600.688	2.36
Feb. 2022	1865460.814	889583.807	976877.007	2233586.436	71241.123	2162345.313	71427.558	3131966.639	3066559.081	3210649.878	3131966.639	78683.239	2.45
March 2022	2142386.568	614878.18	1527508.388	2660536.187	75811.542	2584724.645	76703.09	4093407.453	4016704.363	4188536.123	4093407.453	96528.670	2.23
TOTAL (MWh)	39155936.554	6361079.757	32794856.797	26949255.129	2761628.376	24187626.753	724305.140	56374894.055	55650589.515	57706788.650	56374894.055	1331894.635	2.31

RF

Annexure-D2.

Energy Exchange Status of PSTCL system (400kV/220kV/132kV Network) FY 2022-2023

Month	Energy exchanged within PSTCL network at I-T interface points (between interstate and PSTCL substations as per meters installed at 400/220/132 Levels)				Energy exchanged within PSTCL network at G-T interface points (Between Punjab Generating stations and PSTCL substations as per meters installed at Generating stations)				Energy exchanged with PSPCL at T-D Boundary points as per meters installed at PSTCL Substation				Transmission losses Data			
	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy import	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy import	Metered energy data in MWh (Import)	Metered energy data in MWh (Export)	Net energy exported by PSTCL to PSPCL	Total Import at PSTCL substations	Total Export at PSTCL substations	Transmission Losses at 400/220/132kV Level	%age losses			
	1	2	3=1-2	4	5	6=4-5	7	8	9=8-7	10=3+5+7	11=8	12=10-11	12-100/10			
April 2021	2713720.967	520517.469	1693203.498	2736115.242	72887.319	2663227.923	84173.752	4345355.334	4261181.582	4440205.173	4345355.334	95249.839	2.14			
May 2021	3604277.044	423162.954	3181114.09	2787407.413	176346.1	2611061.313	64986.65	5736513.325	5671526.675	5857162.053	5736513.325	170648.728	2.96			
June 2021	4353710.966	337958.17	4015752.796	3047453.411	95547.297	2951906.114	53950.936	6879223.99	6825273.054	7021909.946	6879223.990	142395.856	2.03			
July 2021	5324776.034	358112.534	4966663.5	2842090.706	230367.284	2611723.422	31823.355	7448134.499	7416311.144	7510210.777	7448134.499	162075.778	2.13			
Aug 2021	5583407.847	407381.668	5176026.179	3340109.89	140827.43	3199282.460	29880.123	8232192.462	8202312.339	8405183.762	8232192.462	172796.300	2.06			
Sept. 2021	4844762.730	318781.933	4525980.797	2737677.052	140672.855	2597004.197	28937.888	6992071.316	6963133.428	7151922.892	6992071.316	159851.566	2.24			
Oct. 2021																
Nov. 2021																
Dec. 2021																
Jan. 2022																
Feb. 2022																
March 2022																
TOTAL (MWh)	25924655.588	2365914.728	23558740.860	17490853.714	856648.285	16634205.429	293752.704	39633490.926	39339738.223	40486698.953	39633490.926	853208.066	2.11			

for

Reply of Point No.9			
	FY 2023-24	FY 2024-25	FY 2025-26
Punjab SLDC			
ULDC-Phase-II (Payments of SCADA and its allied equipment) Consisting PSTCL & BBMB Share	1.5 Crores	1.5	1.5
Detail/Break-up of ULDC-phase-II charges			
PSTCL Portion Annual Bill	8,39,441X12=1,00,73,292	8,39,441X12=1,00,73,292	8,39,441X12=1,00,73,292
BBMB Portion Annual Bill	3,59,457X12=43,13,484	3,59,457X12=43,13,484	3,59,457X12=43,13,484
Total (ULDC -II Charges)	1.5 Crores	1.5 Crores	1.5 Crores

ULDC-III(Tentative)	3.5(approx 2.3 times the ULDC PH II)	3.5(approx 2.3 times the ULDC PH II)	3.5(approx 2.3 times the ULDC PH II)
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FOCS Charges	3.5 Crores	3.5 Crores	3.5 Crores
Detail/Break-up of FOCS charges			
PSTCL Portion Annual Bill	2162030X12=25944360	2162030X12=25944360	2162030X12=25944360
BBMB Portion Annual Bill	609229X12=7310748	609229X12=7310748	609229X12=7310748
Total (FOCS Charges)	3.5 Crores	3.5 Crores	3.5 Crores

NRLDC Charges	3.5 Crores	3.5 Crores	3.5 Crores
Detail/Break-up of NRLDC charges			
NRLDC Fee & Charges Annual Bill	25,00,000X12=30000000	25,00,000X12=30000000	25,00,000X12=30000000
True UP and RLDC FERV Charges(Tentative)	5000000	5000000	5000000
Total (NRLDC Charges)	3.5 Crores	3.5 Crores	3.5 Crores

Total	12	12	12
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SE

Revised Table 89: Projection of ARR for the Control Period from FY 2023-24 to FY 2025-26 (Rs crore)

Sr. No.	Particulars	Transmission			SLDC			PSTCL		
		2023-24	2024-25	2025-26	2023-24	2024-25	2025-26	2023-24	2024-25	2025-26
a	Employee Expenses	827.46	893.78	963.29	17.35	20.61	22.70	844.81	914.39	985.99
b	A&G Expenses	42.39	49.02	56.84	2.06	2.42	2.69	44.45	51.43	59.53
c	R&M Expenses	40.05	43.66	46.90	3.75	3.99	4.05	43.80	47.65	50.94
1	O&M Expenses	909.89	986.45	1067.02	23.16	27.02	29.44	933.06	1013.47	1096.46
2	Return on Equity	174.11	219.30	262.18	0.00	0.00	0.00	174.11	219.30	262.18
3	Depreciation	349.53	392.81	431.61	3.24	4.35	4.60	352.77	397.15	436.21
4	Interest and finance charges on Loan Capital	307.63	340.54	362.62	2.47	3.46	3.37	310.11	344.00	365.99
5	Interest on Working Capital	40.37	44.48	48.49	0.99	1.14	1.22	41.36	45.62	49.71
6	ULDC Charges	0.00	0.00	0.00	12.00	12.00	12.00	12.00	12.00	12.00
7	Other Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Aggregate Revenue Requirement (ARR)	1781.53	1983.57	2171.93	41.86	47.97	50.62	1823.39	2031.54	2222.55
9	Less: Non-Tariff Income									
10	Less: Revenue from Open Access	20.00	20.00	20.00	0.18	0.18	0.18	20.18	20.18	20.18
11	Net ARR	1757.32	1959.36	2147.72	41.59	47.70	50.35	1798.91	2007.06	2198.07

SF

Revised Table 90: Proposed SLDC Operating Charges for FY 2023-24

(Rs. Crore)

Sr. No.	Particulars	FY 2023-24
1	Annual Fixed Charges for SLDC Business (Rs. Crore)	41.59
2	Monthly SLDC Charges (Rs. Crore/month)	3.47
3	SLDC Charges for LTA/MTA (Rs. /MW/Month)	2685.61

SA

Annual Revenue Requirement - SLDC Business

(Rs. crore)

S. No.	Particulars	FY 2021-22		FY 2022-23		Control Period Projection			
		True-up	APR	FY 2023-24	FY 2024-25	FY 2025-26	V	VI	VII
I	II	III	IV	V	VI	VII			
A	Revenue								
1	Revenue from Fees and Charges	22.74	27.12	41.60	47.70	50.36			
B	Expenditure								
1	O&M Expenses	12.37	16.25	23.17	27.02	29.44			
	a) R&M Expenses	0.46	0.54	3.75	3.99	4.05			
	b) Employee Cost	10.90	14.40	17.36	20.61	22.70			
	c) A&G Expenses	1.01	1.31	2.06	2.42	2.69			
2	Depreciation	1.73	2.04	3.24	4.35	4.60			
3	Interest and Finance Charges on Loan Capital	1.06	1.29	2.47	3.46	3.37			
4	Interest Charges on Working Capital	0.55	0.69	0.99	1.14	1.22			
5	Prior Period Expenses	0	0.00	0.00	0.00	0.00			
6	ULDC Charges	8.88	8.88	12.00	12.00	12.00			
7	Other Debts and Write-Offs	0	0.00	0.00	0.00	0.00			
8	Statutory Levies and Taxes if Any	0	0.00	0.00	0.00	0.00			
	Subtotal Expenditure (1+2+3+4+5+6+7+8)	24.59	29.15	41.87	47.97	50.63			
C	Return on Equity	0.00	0.00	0.00	0.00	0.00			
D	Total Revenue Requirement	24.59	29.15	41.87	47.97	50.63			
E	Less: (i) Non-Tariff and other Income	0.23	0.18	0.18	0.18	0.18			
	Less: (ii) Revenue from Open Access	0.09	0.09	0.09	0.09	0.09			
F	Net ARR	24.27	28.88	41.60	47.70	50.36			
	Add: Incentives	0.00	0.00	0.00	0.00	0.00			
G	Total ARR	24.27	28.88	41.60	47.70	50.36			
	Add: Priod Period Item (Infructuous capital exp. Written off during FY 2020-21)	0.00	0.00	0.00	0.00	0.00			
H	Gross ARR	24.27	28.88	41.60	47.70	50.36			
I	Surplus(+)/ Shortfall(-)(A-H) - Before Tariff Revision	-1.53	-1.76	0.00	0.00	0.00			

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