
7 PRAYERS

The Petitioner respectfully prays to the Hon'ble Commission:

- a) Admit the Petition seeking approval of True-up for FY 2014-15, Review of ARR for FY 2016-17 and; approval of ARR and Tariff for the Control Period from FY 2017-18 to FY 2019-20 in accordance with PSERC MYT Regulations, 2014;
- b) Approve the actual Revenue Gap arising on account of True-up for FY 2014-15 along with carrying cost and its recovery through Tariff, as worked out in this Petition;
- c) Approve the Revenue Gap arising on account of re-determination of ARR on review of FY 2016-17 along with carrying cost and its recovery through Tariff, as worked out in this Petition;
- d) Approve the re-determination of ARR for FY 2016-17 after review, which is payable by PSPCL to PSTCL during FY 2016-17;
- e) Approve the ARR forecast and Tariff for the Control Period from FY 2017-18 to FY 2019-20 for Transmission Business and SLDC;
- f) Invoke its power under Regulation 66 and 67 in order to allow the deviations from PSERC MYT Regulations, 2014 wherever sought in this Petition;
- g) Allow additions/alterations/modifications/changes to the Petition at a future date;
- h) Allow any other relief, order or direction, which the Hon'ble Commission deems fit to be issued;
- i) Condone any error/ omission and to give opportunity to rectify the same;

BY THE APPLICANT THROUGH



FINANCIAL ADVISOR,

Punjab State Transmission Corporation Limited, Patiala.

8 DIRECTIVES

Sr. No.	Issues	PSERC's Comments/Directives for FY 2016-17	PSTCL's Reply
7.1	Boundary metering, Energy Audit and T&D loss Reduction	The Commission notes with concern that the Boundary Metering Project, which was to be commissioned in July, 2013, has still not been operationalised and data of transmission losses could only be generated for June and July, 2015. The Commission directs PSTCL to ensure submission of data of transmission losses w.e.f. July 2016 regularly on monthly basis and any further slippage shall invite punitive action.	It is intimated that the tentative PSTCL transmission losses for the month of August 2016 (00:00hrs of 1 st of August, 2016 to 24:00hrs of 31 st August, 2016) have been accessed as 2.76% by considering the net energy inter-exchange measured through meters installed at Boundary interface points of PSTCL, with interstate sub-stations, with generating plants (of PSPCL & IPPs) and with PSPCL-Distribution side.

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		<p>c) Training:- The Commission notes the action taken by PSTCL. The Action plan to establish Advanced Training Centre at Patiala be shared with the Commission within three months of issue of this Tariff Order.</p>	<p>1. a) The already approved committee after placing the Expression of Interest (EOI) has shortlisted the 10 nos. Architects/Consultants for establishing New Advanced Training & Research Institute of PSTCL at 220 KV Substation Ablowal. Now, a new extended committee is proposed to be constituted for preparing the specification for hiring an Architect/Consultant, is under consideration of PSTCL management.</p> <p>b) Also, the matter regarding sharing of Training facilities of PSPCL to PSTCL employees for the In-house training programs has been taken up with PSPCL and is under consideration.</p> <p>2. However, employees of PSTCL are regularly being sent to different renowned Training Institutes for Training on Automation of Substations and related topics.</p>
7.2	Employee Cost		

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		<p>d) Implementation of ERP:- The Commission notes the action being taken. The status of the project be shared with the Commission on quarterly basis.</p>	<p>The tender Committee-I has submitted its evaluation report on 31-05-2016 to Tender Committee-II on the bids received against Tender No.02/CE/HPI for ERP implementation. Tender Committee-II had scrutinized this report and decided to get the deviations of bidders withdrawn unconditionally and also sought some clarifications from the bidders. Some decisions regarding qualification and demo/presentation were left to be taken by the Apex Committee i.e., Steering Committee. The Steering Committee held meeting on 21.10.2016 and it was decided to refer the case to BOD for further decision. Further action will be taken as per the directions of BOD.</p>
<p>7.4</p>	<p>Mtc. of category wise details of fixed asset</p>	<p>The Commission notes the action taken by PSTCL. The Commission directs PSTCL to submit the status report on preparation of fixed asset register on quarterly basis.</p>	<p>The fixed asset register as on 31.03.2014 category wise, location code wise, value wise (without quantity wise detail) has been prepared at corporate level. The matter regarding preparation of Fixed Asset Register quantity wise as well as value wise was taken up with the consultants in respect of one of the division i.e. P&M Division, Ablowal. The draft sample of FAR sent by consultants in respect of P&M Division Ablowal along with components of various categories of fixed assets is under consideration and discussions</p>

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			<p>with them in detail for its finalization. Once it is finalized, the same will be implemented in all the divisions.</p> <p>The evacuation system of Goindwal Sahib (TPS) 2X270 MW comprises of following three DC lines:-</p>
<p>7.8</p>	<p>Transmission system for evacuation of power from IPPs</p>	<p>The Commission notes the action taken by PSTCL. The transmission system for evacuation of power from Goindwal Sahib TPS to 220 KV Bottianwala needs to be expedited. PSTCL is directed to submit quarterly progress of this work to the Commission.</p>	<p>220 KV Goindwal Sahib (TPS)-220 KV Sultanpur:-</p> <p>The works was completed on 25.08.2012.</p> <p>220 KV Goindwal Sahib (TPS)-220 KV Chohla Sahib:-</p> <p>The works was completed on 10.01.2016.</p> <p>220 KV Goindwal Sahib (TPS)-220 KV Botianwala:-</p> <p>Keeping in view the late commissioning status of Goindwal Sahib Thermal power Plant, priorities were shifted to commissioning of other transmission line projects under TS Organization to avoid un-necessary blockage of funds. This work is under progress & is likely to be completed in May-2017. Quarter wise progress of this work is detailed below:-</p>

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Date	Length of line (in Kms)	Construction Progress Status			Stringing & Sagging completed
		Total No. of Towers	No. of towers stubbed	No. of towers erected	
Upto 31.03.2016	64.735	201	158	132	---
Upto 30.06.2016	64.735	201	161	148	---
Upto 30.09.2016	64.735	201	162	152	---

**PSERC's Comments/ Directives
 for FY2016-17**

PSTCL's Reply

Sr. No. Issues

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Sr. No. Issues

<p>7.12</p>	<p>Implementation of Commission's order dt. 04.12.14 in case of petition no.54 of14, in the matter of Technical Audit of works executed by PSTCL & PSPCL for development of Transmission & Sub-Transmission system from 01.04.2010 to 31.03.2013.</p>	<p>Para-8:- The Commission reiterates to supply the list of works which have been delayed for more than 3 months along with proper justification.</p>	<p>The list of works delayed by more than 3 months along with proper justification is attached as Annexure-I.</p>
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As already conveyed, Work for supply and installation of PMUs at 3 No. PSTCL sub-stations i.e. 220KV GNDTP (Bathinda), 220KV GHTP (Lehra Mohabbat) & 220KV GGSSTP (Ropar) have been completed.

Further, As per latest status report provided by PGCIL, PMU's integration with control centre at Patiala is pending as required equipments such as Phasor Data Concentrator(PDC), UPS etc. will be supplied by the firm in January,2017 and installation/ integration shall be done tentatively by March/April, 2017.

Para-20:- The Commission notes the action taken and directs PSTCL to share the progress of Control Centre for Phasor measurement on quarterly basis and ensure that target is not slipped beyond March, 2017.

TRUE-UP AND REVIEW FORMATS - TRANSMISSION BUSINESS AND SLDC

S.No	Form Reference	Details of Form
1	ARR Summary	ARR Summary of Transmission and SLDC Business
2	Form F1	Employee Expenses
3	Form F4	Repair & Maintenance Expenses
4	Form F5	Administration & General Expenses
5	Form F8	Expenses Capitalised
6	Form F9	Depreciation
8	Form F12	Non-Tariff Income
9	Form F14	Consumer Contribution
10	Form F15	Equity
11	Form F16	Return on Equity
12	Form F17	Line Length (ckt-km)
13	Form F19	Number of Sub-Stations
14	Form F20	Interest on Working Capital
15	Form F21	Interest & Finance Charges
16	Form F22	Transmission Availability (%)
17	Form F23	Transmission Loss (%)
18	Form F24	Revenue from Transmission Tariffs
19		ULDC Charges

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SUMMARY AGGREGATE REVENUE REQUIREMENT

Sr. No	Particulars	FY 2014-15					
		Transmission Business		SLDC		Transmission Business and	
		Tariff Order	True-up	Tariff Order	True-up	Tariff Order	True-up
1	Net Employee costs	298.66	349.90	6.80	5.72	305.46	355.62
2	Net R&M expenses	46.45	36.05	4.04	1.10	50.49	37.15
3	Net A&G expenses	21.56	29.37	1.17	0.82	22.73	30.20
4	Depreciation	186.00	217.32	1.45	0.44	187.45	217.75
5	Interest charges	318.77	349.87	1.40	0.16	320.17	350.03
6	Interest on Working Capital	28.76	33.59	0.52	0.40	29.28	33.99
7	ULDC Charges	-	-	17.61	8.25	17.61	8.25
8	Return on Equity	93.91	93.91	-	-	93.91	93.91
9	Income tax	-	-	-	-	-	-
10	Prior Period Expenses	-	11.18	-	0.17	-	11.36
11	Total Revenue Requirement	994.11	1,121.19	32.99	17.07	1,027.10	1,138.26
12	Less: Non Tariff Income	10.72	28.81	3.32	8.41	14.04	37.23
13	Aggregate Revenue Requirement	983.39	1,092.38	29.67	8.65	1,013.06	1,101.03
14	Incentive	-	19.87	-	-	-	19.87
15	Gross ARR	983.39	1,112.24	29.67	8.65	1,013.06	1,120.89
16	Carrying cost for past year gaps	3.43	-	-	-	3.43	-
17	Net ARR	986.82	1,112.24	29.67	8.65	1,016.49	1,120.89
18	Revenue from Tariff		865.99		29.67		895.66
19	Revenue Gap		246.25		(21.02)		225.23

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SUMMARY AGGREGATE REVENUE REQUIREMENT

Sr. No	Particulars	FY 2016-17					
		Transmission Business		SLDC		Transmission Business and	
		Tariff Order	Review of ARR Petition	Tariff Order	Review of ARR Petition	Tariff Order	Review of ARR Petition
1	Net Employee costs	361.48	461.66	7.26	7.25	368.74	468.91
2	Net R&M expenses	47.28	49.11	4.54	10.05	51.82	59.16
3	Net A&G expenses	21.74	22.75	1.82	2.91	23.56	25.65
4	Depreciation	210.46	308.64	0.59	1.18	211.05	309.82
5	Interest charges	409.47	407.25	1.43	1.43	410.90	408.68
6	Interest on Working Capital	33.99	41.79	0.90	1.26	34.89	43.05
7	ULDC Charges	-	-	16.10	16.10	16.10	16.10
8	Return on Equity	93.91	93.91	-	-	93.91	93.91
9	Income tax	-	-	-	-	-	-
10	Prior Period Expenses	-	-	-	-	-	-
11	Total Revenue Requirement	1,178.33	1,385.12	32.64	40.18	1,210.97	1,425.30
12	Less: Non Tariff Income	41.05	33.63	6.72	5.41	47.77	39.04
13	Aggregate Revenue Requirement	1,137.28	1,351.49	25.92	34.76	1,163.20	1,386.26
14	Incentive	-	-	-	-	-	-
15	Gross ARR	1,137.28	1,351.49	25.92	34.76	1,163.20	1,386.26
16	Carrying cost for past year gaps	(116.18)	-	-	-	(116.18)	-
17	Net ARR	1,021.10	1,351.49	25.92	34.76	1,047.02	1,386.26
18	Revenue from Tariff		1,021.10		25.92		1,047.02
19	Revenue Gap		330.39		8.84		339.24

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Form - FI
Employee Expenses

(Rs. in Crore)

Sr. No.	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1) Estimates (H2)	
I	Other expenses					
1	Basic pay		84.39		45.47	60.98
2	Over time payment		5.27		0.21	4.91
3	Dearness allowance		77.57		43.43	81.74
4	Other Allowance		17.41		8.08	10.37
			12.42		5.67	7.43
4.1	HRA		1.98		0.89	1.20
4.2	Fixed Medical Allowance		2.31		1.11	2.44
4.3	Conveyance Allowance		0.70		0.33	0.74
4.4	Telephone Allowance		-		0.08	-
4.5	Uniform charges		-		-	-
5	Bonus		184.65		97.18	158.00
6	Sub-total		0.86		0.66	1.38
7	Medical Expenses reimbursement		0.16		0.04	0.14
8	Leave travel assistance/concession		-		-	-
9	Payment under workmen		0.00		0.76	0.80
10	Sub Total		1.03		0.00	1.75
11	Electricity Concession to PSTCL employees		0.24		0.05	0.29
12	Staff Welfare expenses		2.17		0.05	2.09
13	Sub Total		0.11		0.31	0.31
14	Less: Establishment cost recoverable on execution of 66 kV works		44.90		4.25	42.34
15	Less: Employee Cost Capitalised		142.84		93.44	118.50
16	Net Salary and Other Employee Cost		-		-	-
17	Arrears		-		-	-
18	Prior period adjustments		-		0.07	0.07
19	Impact of pay revision		-		-	-
20	Out Sourcing cost		-		-	-
21	Employee Cost for New installation		-		-	-
22	Grand Total		144.40		93.51	118.57

S. No	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1) Estimates (H2)	
II	Terminal Benefits					
1	Share of Pension, Gratuity & Medical		183.97		107.69	107.69
2	Share of Leave Encashment		16.68		6.02	6.02
3	Other Terminal Benefits		4.85		0.06	0.06
			205.50		113.76	113.76
III	Pension Payments					
	Basic pension		-		-	-
	Any other expenses		-		-	-
	Commutation of Pension		-		-	-
	Sub-total		205.50		113.76	113.76
	Total		205.50		113.76	113.76
	Amount capitalized		-		-	-
	Net amount (II + III)		205.50		113.76	113.76
	Grand total	298.66	349.90	361.48	207.27	232.34

**Form - F1 (SLDC)
Employee Expenses for SLDC**

Sr. No	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Actuals (H1)	Estimates (H2)	
I	Other expenses					
1	Basic pay		2.54	1.37	1.57	2.94
2	Over time payment		-	-	-	-
3	Dearness allowance		2.44	1.46	2.21	3.68
4	Other Allowance		0.53	0.27	0.32	0.59
4.1	HRA		0.43	0.21	0.25	0.47
4.2	Fixed Medical Allowance		0.04	0.02	0.03	0.05
4.3	Conveyance Allowance		0.06	0.04	0.04	0.08
4.4	Telephone Allowance		-	-	-	-
4.5	Uniform charges		-	0.00	(0.00)	-
5	Bonus		-	-	-	-
6	Sub-total		5.51	3.11	4.10	7.21
7	Medical Expenses reimbursement		0.05	0.00	0.02	0.03
8	Leave travel assistance/concession		0.04	0.00	0.01	0.01
9	Payment under workmen		-	-	-	-
10	Sub Total		0.09	0.00	0.04	0.04
11	Electricity Concession to PSTCL employees		-	0.00	(0.00)	-
12	Staff Welfare expenses		-	0.00	(0.00)	-
13	Sub Total		-	-	(0.00)	-
14	Less: Establishment cost recoverable on execution of 66 kV works		-	-	-	-
15	Less: Employee Cost Capitalised		-	-	-	-
16	Net Salary and Other Employee Cost		5.60	3.11	4.14	7.25
17	Arrears		-	-	-	-
18	Prior period adjustments		-	-	-	-
19	Impact of pay revision		0.03	-	-	-
20	Out Sourcing Cost		-	-	-	-
21	Employee Cost for New installation		-	-	-	-
22	Grand Total		5.63	3.11	4.14	7.25

S. No	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Actuals (H1)	Estimates (H2)	
II	Terminal Benefits					
	Gratuity		-	-	-	-
	Earned Leave encashment		0.01	0.12	0.12	0.24
	Other Terminal Benefits		0.09	0.05	0.05	0.10
	Sub-total		0.09	0.17	0.17	0.34
III	Pension Payments					
	Basic pension		-	-	-	-
	Any other expenses		-	-	-	-
	Commutation of Pension		-	-	-	-
	Sub-total		0.09	0.17	0.17	0.34
	Total		-	-	-	-
	Amount capitalized		-	-	-	-
	Net amount (II + III)		0.09	0.17	0.17	-
	Grand total	6.80	5.72	3.28	4.31	7.25

**Form - F4
 Repair and Maintenance Expenses**

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17			Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	
1	Plant & machinery		32.08		10.44	34.65	45.10
2	Building including renovation		2.29		0.45	1.49	1.94
3	Hydraulic works & civil works		0.83		0.16	0.52	0.67
4	Line cable & network		0.99		0.12	0.39	0.50
5	Vehicles		0.61		0.22	0.72	0.94
6	Furniture & fixtures		0.00		0.00	0.01	0.02
7	Office equipments		0.00		0.01	0.04	0.05
8	Operating expenses		-		-	-	-
9	Sub-total		36.79		11.40	37.82	49.22
10	Less: Expenses Capitalised		0.74		0.11	-	0.11
11	Less: R&M recoverable on execution of 66KV works		0.00		-	-	-
12	Net expenses		36.05		11.29	37.82	49.11
13	R&M for Assets Addition during the year		-		-	-	-
14	Add: Prior period expenses/losses		-		-	-	-
15	Total R&M Expenses	46.45	36.05	47.28	11.29	37.82	49.11

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Form - F4 (SLDC)

Repair and Maintenance Expenses

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17			Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	
1	Plant & machinery		1.07		0.10	8.13	8.23
2	Building including renovation		0.03		0.00	1.56	1.56
3	Hydraulic works & civil works		-		-	-	-
4	Line cable & network		-		-	-	-
5	Vehicles		0.01		0.01	0.25	0.26
6	Furniture & fixtures		-		-	-	-
7	Office equipments		-		-	-	-
8	Operating expenses		-		-	-	-
9	Total		1.10		0.11	9.94	10.05
10	Less: Expenses Capitalised		-		-	-	-
11	R& M recoverable on execution of 66KV works		-		-	-	-
12	Net expenses		1.10		0.11	9.94	10.05
13	R&M for Assets Addition during the year		-		-	-	-
14	Add: Prior period expenses/losses		-		-	-	-
15	Total R&M Expenses	4.04	1.10	4.55	0.11	9.94	10.05

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Form - F5
Administration and General Expenses

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17			
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	Total (H1+H2)
1	Rent, Rates & Taxes		1.71		1.00	1.49	2.49
2	Insurance		0.02		0.01	0.02	0.04
3	Telephone, Postage, Telegramme and Telex		0.66		0.23	0.35	0.59
4	Legal Charges		0.22		0.08	0.12	0.20
5	Audit Fees		-		-	-	-
6	Consultancy/Technical Charges		0.19		0.15	0.22	0.37
7	Conveyance & Travel Charges		6.86		2.87	4.29	7.15
8	Vehicle Expenses		0.84		0.32	0.48	0.80
9	Fees & Subscription		0.00		0.00	0.00	0.00
10	Books & Periodicals		0.01		0.00	0.00	0.00
11	Printing & Stationery		0.34		0.10	0.15	0.25
12	Advertisement/Publicity expenses		0.25		0.09	0.14	0.23
13	Electricity/Water Charges		4.10		2.62	3.92	6.53
14	Expenses on Training		0.11		0.09	0.14	0.23
15	Hospitality		0.11		0.02	0.03	0.05
16	Conference Expenses		0.00		-	-	-
17	Contingency Expenses		1.89		-	-	-
18	Outsourcing expenses for engagement of Personnel on Contract basis		17.51		-	-	-
20	Contribution payable to NRPC		-		-	-	-
21	Miscellaneous expenses		-		0.69	1.03	1.73
22	Lease Rentals		0.23		0.07	0.11	0.18
23	Material Related expenses		2.92		0.83	1.24	2.07
24	Other purchase related expenses		-		-	-	-
25	Other donations		0.00		0.00	0.00	0.01
19	Other expenses		0.15		-	-	-
26	Sub-total		38.12		9.19	13.74	22.93
27	Add: Additional A&G expenses on the asset addition		-		-	-	-
28	Add: Audit and Licence and ARR Determination Fee		0.77		0.34	0.45	0.79
29	Total expenses		38.89		9.53	14.18	23.71
30	Less: A&G expenses recoverable on execution of 66K V works		0.01		-	-	-
31	Less: A&G Expenses capitalized		9.50		0.97	-	0.97
32	Net expenses		29.37		8.56	14.18	22.75
33	Add prior period Expenses/Losses		-		-	-	-
34	Other Debts/Staff Outsourcing Expenses		-		-	-	-
35	Total A&G Expenses	21.56	29.37	21.74	8.56	14.18	22.75

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Form - F5 (SLDC)
Administration and General Expenses

S. No	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1) Estimates (H2)	
1	Rent, Rates & Taxes		-		-	-
2	Insurance		0.00		0.01	0.01
3	Telephone, Postage, Telegramme and Telex		0.06		0.36	0.40
4	Legal Charges		0.01		0.40	0.45
5	Audit Fees		-		-	-
6	Consultancy/Technical Charges		-		-	-
7	Conveyance & Travel Charges		0.08		0.18	0.20
8	Vehicle Expenses		0.02		0.06	0.06
9	Fees & Subscription		0.00		0.06	0.07
10	Books & Periodicals		-		-	-
11	Printing & Stationery		0.01		0.05	0.06
12	Advertisement/Publicity expenses		0.03		-	-
13	Electricity/Water Charges		0.27		1.29	1.46
14	Expenses on Training		-		-	-
15	Hospitality		0.00		0.02	0.02
16	Conference Expenses		-		-	-
17	Contingency Expenses		0.04		-	-
18	Outsourcing expenses for engagement of Personnel on Contract basis		0.18		-	-
19	Contribution payable to NRPC		0.11		-	-
20	Miscellaneous expenses		-		0.02	0.15
21	Lease Rentals		-		-	-
22	Material Related expenses		-		-	-
23	Other purchase related expenses		-		-	-
24	Other donations		-		-	-
25	Other expenses		-		-	-
26	Total		0.82		0.34	2.57
27	Add: Additional A&G expenses on the asset addition		-		-	-
28	Add: Audit and Licence and ARR Determination Fee		-		-	-
29	Total expenses		0.82		0.34	2.57
30	A&G expenses recoverable on execution of 66KV works		-		-	-
31	Administration & General exps. capitalized		-		-	-
32	Net expenses		0.82		0.34	2.57
33	Add prior period Expenses/Losses		-		-	-
34	Other Debits/Staff Outsourcing Expenses		-		-	-
35	Total A&G Expenses		0.82		0.34	2.57

0.01

Form - F8
Expenses Capitalized

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17			Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	
1	Interest & Finance charges Capitalized		109.15		0.00	59.60	59.60
2	Other expenses capitalized:						
	a. Employee expenses		44.90		4.55	42.34	46.59
	b. R&M Expenses		0.74		0.11	0.00	0.11
	c. A&G Expenses		9.50		0.97	0.00	0.97
	Total		55.15		5.63	42.34	47.66
	Grand Total		164.29		5.63	101.94	107.26

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**Form - F9
 Depreciation**

(Rs in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Actuals	Tariff Order	Estimated
1	Depreciation (Excluding prior Perior period adjustment)	186.00	217.32	210.46	308.64
2	Opening GFA (Net of Land and Land Rights)		3,664.83		5,477.76
3	Assets additions during the Year		1,483.85		841.74
4	Assets replacement/ retirement		21.35		-
5	Closing GFA		5,127.33		6,319.50
6	Depreciation as % of Opening and Closing GFA		4.94%		5.23%

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**Form - F9 (SLDC)
 Depreciation**

(Rs in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Actuals	Tariff Order	Estimated
1	Depreciation (Excluding prior Perior period adjustment)	1.44	0.44	0.59	1.18
2	Opening GFA (Net of Land and Land Rights)		5.78		9.17
3	Assets additions during the Year		2.54		21.03
4	Assets replacement/ retirement		-		-
5	Closing GFA		8.32		30.20
6	Depreciation as % of Opening and Closing GFA		6.19%		6.00%

Form - F12

Income from investments and other non-tariff income

Rs. Crore

S. No	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1) Estimates (H2)	
1	Meter/metering equipment/service line rentals		-		-	-
2	Service charges		-		-	-
3	Customer charges		-		-	-
4	Revenue from late payment surcharge		-		-	-
5	Miscellaneous receipts		-		0.60	0.60
6	Incentives from CGS's		-		-	-
7	Miscellaneous charges (except PLEC charges)		-		-	-
8	Interest on staff loans and advances		0.02		-	-
9	Interest on advances to suppliers		-		-	-
10	Income from trading		0.00		-	-
11	Income from staff welfare activities		0.01		0.00	0.00
12	Rental charges for staff quarters, water charges, Hospital ward, guest house etc.		0.43		0.19	0.19
13	Sale of Tender forms		0.16		0.05	0.05
14	Excess found on physical verification		0.05		-	-
15	Interest on investments, fixed and call deposits and bank balances		0.00		-	-
16	Net recovery from penalty on coal liaison agents		-		-	-
17	Other Non Tariff Income including prior period		6.19		3.09	3.09
18	Income from open access charges i.e. application fee, cross subsidy surcharge, additional surcharge, transmission and/or wheeling charges, scheduling charges etc.		14.19		19.11	19.11
19	Sale of Scrap		2.64		0.11	0.22
20	Misc. income - NOC charges open access customers		-		3.09	3.09
21	Any other income not included above		5.12		0.12	0.12
Total		10.72	28.81	41.05	26.37	7.26
						33.63

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Form - F12 (SLDC)
Income from investments and other non-tariff income

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17		Total (H1+H2)
		Tariff Order	Actuals	Actuals (H1)	Estimates (H2)	
1	Meter/ metering equipment/service line rentals		-	-	-	-
2	Service charges		-	-	-	-
3	Customer charges		-	-	-	-
4	Revenue from late payment surcharge		-	-	-	-
5	Miscellaneous receipts		0.00	0.11	0.11	0.23
6	Incentives from CGS's		-	-	-	-
7	Miscellaneous charges (except PLEC charges)		-	-	-	-
8	Interest on staff loans and advances		-	-	-	-
9	Interest on advances to suppliers		-	-	-	-
10	Income from trading		-	-	-	-
11	Income from staff welfare activities		-	-	-	-
12	Rental charges for staff quarters, water charges, Hospital ward , guest house etc.		0.02	0.01	0.01	0.02
13	Sale of Tender forms		0.00	-	-	-
14	Excess found on physical verification		-	-	-	-
15	Interest on investments, fixed and call deposits and bank balances		0.02	-	-	-
16	Net recovery from penalty on coal liaison agents		-	-	-	-
17	Other Non Tariff Income including prior period		3.07	-	-	-
18	Income from open access charges i.e. application fee, cross subsidy surcharge, additional surcharge, transmission and/or wheeling charges, scheduling charges etc.		3.68	3.09	-	3.09
19	Sale of Scrap		-	-	-	-
20	Misc. income - NOC charges open access customers		1.60	1.04	1.04	2.07
21	Any other income not included above		0.02	-	-	-
22	Total	3.32	8.41	6.72	4.25	5.41

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Form - F14
Contributions, Grants and subsidies towards Cost of Capital Assets

(Rs in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Actuals	Tariff Order	Estimated
1	Consumer Contribution Towards Cost Of Capital Assets		-		3.77
2	Subsidies Towards Cost Of Capital Asset		-		-
3	Grant Towards Cost Of Capital Assets		-		-
4	Revenue subsidies & grants		-		-
	Total		-	-	3.77

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Note - Consumer contribution of Rs. 3.77 Crore has not considered in computation of Depreciation, R&M expenses, A&G Expenses, etc.

**Form - F15
Equity**

(Rs in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Petition	Tariff Order	Estimated
1	Opening Balance of Equity	605.88	605.88	605.88	605.88
2	Equity Addition during the Year	-	-	-	-
3	Deduction in Equity on account of retirement of assets	-	-	-	-
4	Closing balance of Equity	605.88	605.88	605.88	605.88

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**Form - F16
Return On Equity**

(Rs in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Petition	Tariff Order	Estimated (Total)
1	Opening Balance-Equity Capital	605.88	605.88	605.88	605.88
2	Equity addition during the year through Internal Accruals	-	-	-	-
3	Closing balance-Equity Capital	605.88	605.88	605.88	605.88
5	ROE rate (%)	15.50%	15.50%	15.50%	15.50%
4	Return on Equity	93.91	93.91	93.91	93.91

Format - F17
Line Length (ckt-km)

Sr. No	Particulars	As on March 31, 2014		Addition during FY 2014-15		As on March 31, 2015		Addition during FY 2015-16		As on March 31, 2016		Addition during FY 2016-17 (H1)		As on September 30, 2016		Addition during FY 2016-17 (H2)		As on March 31, 2017		
		Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	
1	400 kV	367.75		1232.00		1599.75		0.00		1599.75		0.00		1599.75		0.00		0.00		1599.75
2	220 kV	5520.77		175.92		5696.69		687.62		6384.31		114.39		6498.70		328.00		328.00		6826.70
3	132 kV	3112.20		2.46		3114.66		5.56		3120.22		0.00		3120.22		0.00		0.00		3120.22
4	Total	9000.72		1410.38		10411.10		693.18		11104.28		114.39		11218.67		328.00		328.00		11546.68



Format - F19
Number of Substations for Transmission function

S. No	Particulars	As on March 31, 2014		Addition during FY 2014-15		As on March 31, 2015		Addition during FY 2015-16		As on March 31, 2016		Addition during FY 2016-17 (H1)		As on September 30, 2016		Addition during FY 2016-17 (H2)		As on March 31, 2017		
		Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	Actuals	Estimated	
1	400 kV	2.00		2.00		4.00		0.00		4.00		1.00		5.00		0.00		0.00		5.00
2	220 kV	83.00		5.00		88.00		1.00		89.00		4.00		93.00		2.00		2.00		95.00
3	132 kV	76.00		-2.00		74.00		-1.00		73.00		-3.00		70.00		0.00		0.00		70.00
4	Total	161.00		5.00		166.00		0.00		166.00		2.00		168.00		2.00		2.00		170.00

Form - F20
Normative Interest on Working Capital

Sr. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Normative	Tariff Order	Normative
1	Receivables equivalent to two months of fixed cost.	163.90	185.37	189.55	225.25
2	Maintenance spares @ 15% of O&M expenses	55.00	62.30	64.58	80.03
3	Operation and Maintenance expenses for one month.	30.56	34.61	35.88	44.46
4	Total Working Capital (Normative)	249.46	282.28	290.01	349.74
5	Additional Working Capital Requirement On Capital Spares	-	-	-	-
4	Total Working Capital	249.46	282.28	290.01	349.74
5	Rate of Interest applied	11.5%	11.90%	11.72%	11.95%
6	Interest on Working Capital	28.76	33.59	33.99	41.79

Form - F20 (SLDC)
Normative Interest on Working Capital

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Normative	Tariff Order	Normative
1	Receivables equivalent to two months of fixed cost.	4.95	1.44	4.32	5.79
2	Maintenance spares @ 15% of O&M expenses	1.80	1.15	2.04	3.03
3	Operation and Maintenance expenses for one month.	1.00	0.64	1.13	1.68
4	Total Working Capital (Normative)	7.75	3.23	7.49	10.51
5	Additional Working Capital Requirement On Capital Spares	-	-	-	-
6	Total Working Capital	7.75	3.23	7.49	10.51
7	Rate of Interest applied	6.77%	12.25%	12.00%	12.00%
8	Interest on Working Capital	0.52	0.40	0.90	1.26

**Form - F21
Interest & Finance Charges**

(Rs in Crore)

Sr. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Actuals	Tariff Order	Estimated
1	Opening Balance		3,717.23		3,996.87
2	Loan addition during FY		567.88		473.37
3	Loan Repayment during FY		315.40		315.84
4	Closing Balance		3,969.71		4,154.40
5	Interest Expenses		437.23		439.87
6	Interest in GP fund		16.65		11.60
7	Interest disallowed on account of diversion of funds		-		-
8	Interest Capitalised		109.15		59.60
9	Net Interest		344.74		391.87
10	Rate of Interest		11.38%		10.79%
11	Guarantee Charges		4.70		14.00
12	Miscellaneous Interest and Finance Charges		0.43		1.37
13	Interest & Finance Charges	318.77	349.87	409.47	407.25

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**Form - F21 (SLDC)
Interest & Finance Charges**

(Rs in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Actuals	Tariff Order	Estimated
1	Opening Balance		0.77		3.73
2	Loan addition during the year		0.66		16.30
3	Loan Repayment during the year		-		-
4	Closing Balance		1.43		20.03
5	Interest Expenses		0.16		1.43
6	Interest in GP fund		-		
7	Interest disallowed on account of diversion of funds		-		
8	Interest Capitalised		-		
9	Net Interest		0.16		1.43
11	Guarantee Charges		-		-
12	Miscellaneous Interest and Finance Charges		-		-
13	Interest & Finance Charges	1.40	0.16	1.43	1.43

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**Form - F 21 Detailed
Interest Cost**

(Rs in Crore)

FY 2014-15

Sr. No.	Particulars (Source)	Opening balance	Rate of interest	Addition during the year	Repayment during the year	Closing balance	Amount of interest
1	LIC	138.63	10.66%	-	40.92	97.71	12.60
2	REC	2,564.89	12.22%	396.63	116.48	2,845.04	330.62
3	SBOP	25.01	8.18%	60.00	8.34	76.67	4.16
4	NABARD	-	2.34%	43.51	-	43.51	0.51
5	OBC	97.31	12.24%	-	28.60	68.71	10.16
6	PSPCL	693.80	11.97%	-	99.11	594.69	77.12
7	GPF	197.59	8.92%	-	21.95	175.64	16.65
8	Loan from Bank of India	-	6.08%	67.74	-	67.74	2.06
9	Sub-total	3,717.23	11.81%	567.88	315.40	3,969.71	453.89
10	Less: Interest Capitalised						109.15
11	Miscellaneous Interest and Finance Charges						0.43
12	Guarantee Charges						4.70
13	Grand Total						349.87

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(Rs in Crore)

FY 2016-17

Sr. No.	Particulars (Source)	Opening balance	Rate of interest	Addition during the year	Repayment during the year	Closing balance	Amount of interest
1	LIC	56.80	9.83%	-	22.83	33.97	4.46
2	REC	2,924.81	11.23%	380.23	209.39	3,095.65	337.90
3	SBOP	65.56	11.41%	-	21.56	44.00	6.25
4	NABARD	127.77	10.49%	93.14	-	220.91	18.29
5	OBC	40.10	14.87%	-	40.10	-	2.98
6	PSPCL	495.57	11.00%	-	-	495.57	54.51
7	GPF	153.69	8.13%	-	21.96	131.73	11.60
8	Loan from Bank of India	132.57	11.67%	-	-	132.57	15.48
9	Sub-total	3,996.87	11.08%	473.37	315.84	4,154.40	451.47
10	Less: Interest Capitalised						59.60
11	Miscellaneous Interest and Finance Charges						1.37
12	Guarantee Charges						14.00
13	Grand Total						407.25

Form - F22
Transmission Availability (%)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Actual	Actual	Actual	Actual
1	April	99.85%	99.97%	99.85%	99.97%
2	May	99.84%	99.93%	99.84%	99.93%
3	June	99.78%	99.94%	99.78%	99.94%
4	July	99.09%	99.97%	99.09%	99.97%
5	August	99.80%	99.95%	99.80%	99.95%
6	September	99.86%	99.93%	99.86%	99.93%
7	October	99.95%		99.95%	
8	November	99.85%		99.85%	
9	December	99.83%		99.83%	
10	January	99.91%		99.91%	
11	February	99.85%		99.85%	
12	March	99.79%	2.50%	99.79%	2.50%
13	Average	99.78%	86.03%	99.78%	86.03%

[Handwritten Signature]

Form - F23
Transmission Loss (%)

S. No	Particulars	FY 2014-15		FY 2016-17	
		Tariff Order	Actuals	Tariff Order	Estimated
1	Transmission Loss	2.50%	4.50%	2.50%	2.90%

Note - The transmission loss figures are not available for FY 2014-15. The Petitioner prays to approve the transmission losses as requested in Tariff Petition for FY 2014-15

Form - F24
Revenue from Transmission Tariff

(Rs. in Crore)

S.No	Particulars	FY 2014-15		FY 2016-17			Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	
1	Revenue from Transmission Tariffs	865.99	865.99	1021.10	518.60	502.50	1021.10
	Total	865.99	865.99	1021.10	518.60	502.50	1021.10

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Form - F24 (SLDC)
Revenue from SLDC Tariff

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17			Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	
1	Revenue from SLDC Fees and Charges	29.67	29.67	25.92	11.07	14.85	25.92
2	Total	29.67	29.67	25.92	11.07	14.85	25.92

ULDC Charges for SLDC

(Rs. in Crore)

S. No	Particulars	FY 2014-15		FY 2016-17			Total (H1+H2)
		Tariff Order	Actuals	Tariff Order	Actuals (H1)	Estimates (H2)	
1	ULDC Charges - SLDC Own Share		2.28		2.55	5.89	8.44
2	ULDC Charges - BBMB Share		0.93		0.73	1.68	2.40
3	ULDC Charges - Central Sector Share		2.08		-	-	-
4	NRLDC Fees and Charges		2.97		1.59	3.67	5.26
5	Total	17.61	8.25	16.1	4.86	11.24	16.10

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Note:

Formats are suitably amended where ever required.

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Profit & Loss Account - Transmission Business

(₹ crore)

S. No.	Particulars	Reference Form	Previous Year		Current Year		Control Period Projection	
			Provisional FY 2015-16	Estimated FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
A	Revenue							
1	Revenue from Transmission Tariff	T16	1,131.72	1,351.49	1491.19	1550.83	1609.59	
2	Other Non-Tariff Income	T12	55.02	33.63	10.00	10.00	10.00	
3	Revenue towards pas revenue gaps		-	-	125.04	96.28	-	
	Total Revenue or Income		1,186.74	1,385.12	1,626.22	1,657.10	1,619.59	
B	Expenditure							
1	Expenses for SLDC Fees & Charges	C8	0.00	0.00	0.00	0.00	0.00	
2	Net Employee Cost	C4	397.53	461.66	530.43	556.23	587.60	
3	Administration and General Expenses	C6	15.96	22.75	58.93	60.93	62.78	
4	Repairs and Maintenance Expenses	T9	33.35	49.11				
5	Net Prior Period Credits/(Charges)	C14	12.35	0.00	0.00	0.00	0.00	
6	Other Debits, Write-Offs	C21	0.00	0.00	0.00	0.00	0.00	
7	Extraordinary Items (Net)	C15	0.00	0.00	0.00	0.00	0.00	
8	Less: Expenses Capitalized\$	C18						
C	PBITDA (A-B)		727.54	851.60	1,036.86	1,039.95	969.21	
D	Depreciation & Amortization	C7	245.92	308.64	335.38	352.39	368.05	
1	Depreciation		245.92	308.64	335.38	352.39	368.05	
2	Amortization		0.00	0.00	0.00	0.00	0.00	
E	PBIT (C-D)		481.62	542.95	701.48	687.56	601.16	
F	Total Interest and Finance Charges		486.09	534.18	575.13	565.51	553.16	
1	Interest on Loan Capital	C13	413.18	407.25	407.52	404.45	400.72	
2	Interest on Working Capital	T11	72.91	126.93	167.60	161.06	152.44	
3	Finance Charges		0.00	0.00	0.00	0.00	0.00	
G	Profit/Loss before Tax (E-F)		(4.47)	8.78	126.35	122.05	48.00	
H	Income Tax	C17						
I	Profit/Loss after Tax (G-H)		(4.47)	8.78	126.35	122.05	48.00	

\$- Included in Net Employee Costs

#- Income Tax payable for PSTCL company as a whole

Profit & Loss Account - PSTCL (Transmission Business + SLDC)

(₹ crore)

S. No.	Particulars	Reference Form	Previous Year	Current Year	Control Period				
			Provisional FY 2015-16	Estimated FY 2016-17	FY 2017-18	Projection FY 2018-19	FY 2019-20		
A	Revenue								
1	Revenue from Transmission Tariff	T16	1,131.72	1,351.49	1491.19	1550.83	1609.59		
	Revenue from Fees and Charges		18.39	34.76	27.36	30.37	33.33		
	Other Non-Tariff Income		64.89	39.04	11.00	11.00	11.00		
	Revenue towards pas revenue gaps		-	-	125.04	96.28	0.00		
	Total Revenue or Income		1,215.00	1,425.30	1,654.58	1,688.47	1,653.92		
B	Expenditure								
1	Expenses for SLDC Fees & Charges	C8	0.00	0.00	0.00	0.00	0.00		
2	Net Employee Cost	C4	403.97	468.91	538.02	564.17	595.92		
3	Administration and General Expenses	C6	16.60	25.65	61.54	64.28	66.86		
4	Repairs and Maintenance Expenses	T9	33.53	59.16					
5	Net Prior Period Credits/(Charges)	C14	12.35	0.00	0.00	0.00	0.00		
6	Other Debits, Write-Offs	C21	0.00	0.00	0.00	0.00	0.00		
7	Extraordinary Items (Net)	C15	0.00	0.00	0.00	0.00	0.00		
8	Less: Expenses Capitalized\$	C18							
9	ULDC Charges		11.76	16.10	12.36	12.67	12.99		
C	PBITDA (A-B)		736.79	855.47	1,042.67	1,047.36	978.15		
D	Depreciation & Amortization								
1	Depreciation	C7	246.44	309.82	337.49	355.09	371.36		
2	Amortization		246.44	309.82	337.49	355.09	371.36		
			0.00	0.00	0.00	0.00	0.00		
E	PBIT (C-D)		490.35	545.64	705.18	692.26	606.79		
F	Total Interest and Finance Charges								
1	Interest on Loan Capital	C13	486.43	535.61	558.01	549.31	537.80		
2	Interest on Working Capital#	T11	413.52	408.68	410.41	408.25	405.36		
3	Finance Charges		72.91	126.93	147.60	141.06	132.44		
			0.00	0.00	0.00	0.00	0.00		
G	Profit/Loss before Tax (E-F)		3.92	10.04	147.16	142.95	68.99		
H	Income Tax								
		C17	0.84	2.14	31.41	30.51	14.72		
I	Profit/Loss after Tax (G-H)		3.08	7.89	115.76	112.45	54.27		

\$- Included in Net Employee Costs
 #-Projected Actual Interest on Working Capital

Profit & Loss Account - SLDC Business

(₹ crore)

S. No.	Particulars	Reference Form	Previous Year		Current Year		Control Period	
			Provisional FY 2015-16	Estimated FY 2016-17	FY 2017-18	Projection		
						FY 2018-19	FY 2019-20	
A	Revenue							
1	Revenue from Fees and Charges		18.39	34.76	27.36	30.37	33.33	
2	Other Income		9.87	5.41	1.00	1.00	1.00	
	Total Revenue or Income		28.26	40.18	28.36	31.37	34.33	
B	Expenditure							
1	Employee Cost	C4	6.44	7.25	7.59	7.94	8.32	
2	Repairs and Maintenance Expenses	T10	0.18	10.05	2.60	3.34	4.08	
3	Administration and General Expenses	C6	0.64	2.91	-	-	-	
4	Net Prior Period Credits/(Charges)	C14	-	-	-	-	-	
5	Other Debits, Write-offs	C21	-	-	-	-	-	
6	Extraordinary items (net)	C15	-	-	-	-	-	
7	Less: Expenses Capitalized	C18	11.76	16.10	12.36	12.67	12.99	
8	ULDC Charges							
C	PBITDA (A-B)		9.25	3.87	5.81	7.41	8.94	
D	Depreciation & Amortization	C7	0.52	1.18	2.11	2.71	3.31	
1	Depreciation		0.52	1.18	2.11	2.71	3.31	
2	Amortization		-	-	-	-	-	
E	PBIT (C-D)		8.73	2.69	3.70	4.70	5.63	
F	Total Interest and Finance Charges							
1	Interest on Loan	C13	0.34	1.43	2.89	3.80	4.64	
2	Interest on Working Capital	T11	-	-	-	-	-	
3	Finance Charges							
G	Profit/Loss Before Tax (E-F)		8.39	1.26	0.81	0.90	0.99	
H	Income Tax\$	C17						
I	Profit/Loss after Tax (G-H)		8.39	1.26	0.81	0.90	0.99	

\$-Income Tax payable for PSTCL company as a whole

(141)

Annual Revenue Requirement - Transmission Business

(₹ crore)

S. No.	Particulars	Previous Year		Current Year		Control Period	
		Provisional FY 2015-16	Estimated FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
A	Receipts						
1	Revenue from Transmission Business and Ancillary Services	1,131.72	1,021.10	1491.19	1550.83	1609.59	
B	Expenditure						
1	Expenses for SLDC Fees and Charges	-	-	-	-	-	-
2	O&M Expenses (Net)	397.53	461.66	530.43	556.23	587.60	
	a) Employee Cost	33.35	49.11	58.93	60.93	62.78	
	b) R&M Expenses	15.96	22.75				
	c) A&G Expenses	245.92	308.64	335.38	352.39	368.05	
3	Depreciation	413.18	407.25	407.52	404.45	400.72	
4	Interest and Finance Charges on Loan Capital	36.71	41.79	46.13	48.10	50.19	
5	Interest Charges on Working Capital	-	-	-	-	-	
6	Prior Period Expenses	12.35	-	-	-	-	
7	Extraordinary Items	-	-	-	-	-	
8	Other Debts and Write-Offs	-	-	-	-	-	
9	Incentive	23.69	-	-	-	-	
10	Statutory Levies and Taxes if Any	-	-	21.60	24.40	26.43	
11	Less: Expenses Capitalised\$	-	-	-	-	-	
	a) Interest charges Capitalized	-	-	-	-	-	
	b) R&M Expenses Capitalized	-	-	-	-	-	
	c) A&G Expenses Capitalized	-	-	-	-	-	
	d) Employee Cost Capitalized	-	-	-	-	-	
	Sub Total (a+b+c+d)	1178.70	1291.21	1400.00	1446.49	1495.77	
	Sub Total Expenditure (1+2+3+4+5+6+7+8+9+10)						
C	Return on Equity	93.91	93.91	101.19	114.34	123.83	
D	Non-Tariff and other Income	55.02	33.63	10.00	10.00	10.00	
E	Annual Revenue Requirement (B+C-D)	1217.59	1351.49	1491.19	1550.83	1609.59	
F	Surplus (+) / Shortfall (-) (A-E)	(85.87)	(330.39)	-	-	-	

Note :

\$ - Employee Cost, A&G Expenses, R&M expenses and Interest Charges has been considered on Net basis. Hence, the expenses capitalised has been

Annual Revenue Requirement - SLDC Business

(₹ crore)

S. No	Particulars	Previous Year		Current Year		Control Period	
		Provisional FY 2015-16	Estimated FY 2016-17	FY 2017-18	Projection FY 2018-19	FY 2019-20	
A	Revenue						
1	Revenue from Fees and Charges	18.39	25.92	27.36	30.37	33.33	
2	Other Income	-	-	-	-	-	
	Total Revenue or Income	18.39	25.92	27.36	30.37	33.33	
B	Expenditure						
1	O&M Expenses (Gross)						
a)	Employee Cost	6.44	7.25	7.59	7.94	8.32	
b)	R&M Expenses	0.18	10.05	2.60	3.34	4.08	
c)	A&G Expenses	0.64	2.91				
2	Depreciation	0.52	1.18	2.11	2.71	3.31	
3	Interest and Finance Charges on Loan Capital	0.34	1.43	2.89	3.80	4.64	
4	Interest Charges on Working Capital	0.40	1.26	0.81	0.90	0.99	
5	ULDC Charges	11.76	16.10	12.36	12.67	12.99	
6	Prior Period Expenses	-	-	-	-	-	
7	Extraordinary Items	-	-	-	-	-	
8	Other Debts and Write-Offs	-	-	-	-	-	
9	Statutory Levies and Taxes if Any	-	-	-	-	-	
10	Less: Expenses Capitalised	-	-	-	-	-	
	a) Interest Charges Capitalized	-	-	-	-	-	
	b) R&M Expenses Capitalized	-	-	-	-	-	
	c) A&G Expenses Capitalized	-	-	-	-	-	
	d) Employee Cost Capitalized	-	-	-	-	-	
	Subtotal (a+b+c+d)	20.28	40.18	28.36	31.37	34.33	
	Subtotal Expenditure (1+2+3+4+5+6+7+8-9)						
C	Return on Equity	0.00	0.00	0.00	0.00	0.00	
D	Non-Tariff and other Income	9.87	5.41	1.00	1.00	1.00	
E	Annual Revenue Requirement (B+C-D)	10.40	34.76	27.36	30.37	33.33	
F	Surplus(+) / Shortfall(-)(A-E)	7.99	(8.84)	-	-	-	

Note :

\$ - Employee Cost, A&G Expenses, R&M expenses and Interest Charges has been considered on Net basis. Hence, the expenses capitalised has been

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Sr. No.	Particulars	FY 2015-16				FY 2016-17				Total						
		At the start of year	Additions during the year	Withdrawals from service	At the end of year	Opening at the start of year	Additions during the year	Withdrawals from service	At the end of year	Addition during the year	Withdrawals from service					
1	Length of lines (GRT Km)	a) 400KV	329.00	-	-	329.00	329.00	-	-	329.00	-	329.00	-	-	329.00	
		b) 220KV	1,270.75	-	-	1,270.75	1,270.75	-	-	1,270.75	-	1,270.75	-	-	1,270.75	
		c) 132KV	2,038.90	4,874.00	-	6,912.90	6,912.90	-	-	6,912.90	-	6,912.90	-	-	6,912.90	
		d) Double Circuit	3,659.73	-	887.18	4,546.91	4,546.91	-	-	4,546.91	-	4,546.91	-	-	4,546.91	
		e) Single Circuit	2,318.96	193.84	-	2,512.80	2,512.80	-	-	2,512.80	-	2,512.80	-	-	2,512.80	
		f) Double Circuit	796.10	607.82	-	1,403.92	1,403.92	-	-	1,403.92	-	1,403.92	-	-	1,403.92	
		g) Single Circuit	30,471.11	1,868.94	-	32,340.05	32,340.05	-	-	32,340.05	-	32,340.05	-	-	32,340.05	
		Total	4.00	4.00	-	4.00	4.00	-	-	4.00	-	4.00	-	-	4.00	
		2	Number of Sub-Stations	11.00	1.00	-	12.00	12.00	-	-	12.00	-	12.00	-	-	12.00
		a) 400KV	89.00	1.00	-	90.00	90.00	-	-	90.00	-	90.00	-	-	90.00	
		b) 220KV	74.00	1.00	-	75.00	75.00	-	-	75.00	-	75.00	-	-	75.00	
		c) 132KV	168.00	1.00	-	169.00	169.00	-	-	169.00	-	169.00	-	-	169.00	
		Total	223.00	3.00	-	226.00	226.00	-	-	226.00	-	226.00	-	-	226.00	
		3	Number of Incoming Bays at	11.00	1.00	-	12.00	12.00	-	-	12.00	-	12.00	-	-	12.00
a) 400 KV Sub-Station	11.00	1.00	-	12.00	12.00	-	-	12.00	-	12.00	-	-	12.00			
b) 220 KV Sub-Station	11.00	1.00	-	12.00	12.00	-	-	12.00	-	12.00	-	-	12.00			
c) 132 KV Sub-Station	18.00	7.00	-	25.00	25.00	-	-	25.00	-	25.00	-	-	25.00			
Total	397.00	12.00	-	409.00	409.00	-	-	409.00	-	409.00	-	-	409.00			
4	Number of Outgoing Bays at	18.00	7.00	-	25.00	25.00	-	-	25.00	-	25.00	-	-	25.00		
a) 400 KV Sub-Station	18.00	7.00	-	25.00	25.00	-	-	25.00	-	25.00	-	-	25.00			
b) 220 KV Sub-Station	18.00	7.00	-	25.00	25.00	-	-	25.00	-	25.00	-	-	25.00			
c) 132 KV Sub-Station	68.00	3.00	-	71.00	71.00	-	-	71.00	-	71.00	-	-	71.00			
d) Others	588.00	3.00	-	591.00	591.00	-	-	591.00	-	591.00	-	-	591.00			
Total	873.00	23.00	-	896.00	896.00	-	-	896.00	-	896.00	-	-	896.00			
5	Total Number of Bays	1,192.00	22.00	-	1,214.00	1,214.00	-	-	1,214.00	-	1,214.00	-	-	1,214.00		
a) No. of Transformers at	8.00	-	-	8.00	8.00	-	-	8.00	-	8.00	-	-	8.00			
b) 400 KV Sub-Station	383.00	15.00	-	398.00	398.00	-	-	398.00	-	398.00	-	-	398.00			
c) 220 KV Sub-Station	201.00	1.00	-	202.00	202.00	-	-	202.00	-	202.00	-	-	202.00			
d) 132 KV Sub-Station	678.00	18.00	-	696.00	696.00	-	-	696.00	-	696.00	-	-	696.00			
Total	2,890.00	1,128.00	-	4,018.00	4,018.00	-	-	4,018.00	-	4,018.00	-	-	4,018.00			
6	Intra State Transmission Losses (%)	100%	0.00%	0.22%	99.78%	99.78%	0.13%	0.09%	99.88%	0.07%	99.95%	0.03%	0.00%	99.95%		
7	Availability (%)	100%	0.00%	0.09%	99.91%	99.91%	0.00%	0.00%	99.91%	0.00%	99.91%	0.00%	0.00%	99.91%		
8	Number of Meters	63	63	-	126	126	-	-	126	-	126	-	-	126		
9	No. of interface points with AGT compliant meters	0	0	-	0	0	-	-	0	-	0	-	-	0		
10	No. of interface points with non-AGT compliant meters	0	0	-	0	0	-	-	0	-	0	-	-	0		
11	Total no. interface points with 7 conductors	414	414	-	828	828	-	-	828	-	828	-	-	828		
12	Total no. interface points with 4BT compliant meters	0	0	-	0	0	-	-	0	-	0	-	-	0		
13	Total no. interface points with non-4BT compliant meters	0	0	-	0	0	-	-	0	-	0	-	-	0		
14	Total	357,769.67	357,769.67	-	715,539.34	715,539.34	-	-	715,539.34	-	715,539.34	-	-	715,539.34		
15	Employees Strength	357,769.67	357,769.67	-	715,539.34	715,539.34	-	-	715,539.34	-	715,539.34	-	-	715,539.34		
16	Technical	357,769.67	357,769.67	-	715,539.34	715,539.34	-	-	715,539.34	-	715,539.34	-	-	715,539.34		
17	Non-Technical	357,769.67	357,769.67	-	715,539.34	715,539.34	-	-	715,539.34	-	715,539.34	-	-	715,539.34		
18	Total	357,769.67	357,769.67	-	715,539.34	715,539.34	-	-	715,539.34	-	715,539.34	-	-	715,539.34		

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The details of Employee Strength is provided in Form CS

Sr. No.	Particulars	FY 2017-18				FY 2018-19				FY 2019-20			
		At the start of the year	Addition during the year	Withdrawal from service	At the end of the year	At the start of the year	Addition during the year	Withdrawal from service	At the end of the year	At the start of the year	Addition during the year	Withdrawal from service	At the end of the year
1	Length of lines (CH Km)												
	a) 400KV Circuit	329.00			329.00				329.00			329.00	
	b) Double Circuit	1,270.75			1,270.75	44.40			1,315.15			1,315.15	
	b) 220KV	3,711.70			3,711.70				3,711.70			3,711.70	
	b) Single Circuit	3,115.00	302.54		3,417.54	370.00			3,787.54			3,787.54	
	c) 132KV	2,512.40			2,512.40				2,512.40			2,512.40	
	b) Single Circuit	607.82			607.82				607.82			607.82	
	b) Double Circuit	11,904.58	392.54		12,297.12	414.40			12,711.52			12,711.52	
2	Number of Sub-Stations												
	a) 400KV	5.00			5.00				5.00			5.00	
	b) 220KV	6.00			6.00	1.00			7.00			7.00	
	b) 132KV	17.00	6.00		23.00	3.00			26.00			26.00	
	Total	28.00	6.00		34.00	4.00			38.00			38.00	
3	Number of Bays												
	a) Number of Incoming Bays at												
	b) 400 KV Sub-Station	15.00			15.00				15.00			15.00	
	b) 220 KV Sub-Station	28.00	14.00		42.00	16.00			58.00			58.00	
	b) 132 KV Sub-Station	15.00	9.00		24.00	3.00			27.00			27.00	
	b) 66 KV Sub-Station	45.00	23.00		68.00	23.00			91.00			91.00	
	Total	103.00	46.00		149.00	42.00			191.00			191.00	
	b) Number of Outgoing Bays at												
	a) 400 KV Sub-Station	23.00			23.00				23.00			23.00	
	b) 220 KV												
	b) 132 KV												
	b) Others												
	b) 220 KV Sub-Station	85.00			85.00				85.00			85.00	
	b) 132 KV	591.00			591.00				591.00			591.00	
	b) 66 KV												
	b) others												
	b) 132 KV Sub-Station of	110.00			110.00				110.00			110.00	
	b) 66KV												
	b) others												
	Total	1,262.00	23.00		1,285.00	23.00			1,308.00	4.00		1,312.00	
4	No. of Transformers at												
	a) 400 KV Sub-Station	8.00	1.00		9.00	2.00			11.00			13.00	
	b) 220 KV Sub-Station	399.00	19.00		418.00	14.00			432.00	7.00		439.00	
	b) 132 KV Sub-Station	204.00			204.00				204.00			204.00	
	b) 66 KV Sub-Station	512.00	20.00		532.00	18.00			550.00	7.00		557.00	
	Total	1,213.00	40.00		1,253.00	24.00			1,277.00	14.00		1,291.00	
5	Transformation Capacity (MVA) of												
	a) 400 KV Sub-Station	3,390.00	500.00		3,890.00	1,000.00			4,890.00			4,890.00	
	b) 220 KV Sub-Station	25,445.00	1,849.00		27,294.00	1,720.00			29,014.00	840.00		29,854.00	
	b) 132 KV Sub-Station	4,533.67			4,533.67				4,533.67			4,533.67	
	Total	33,368.67	2,349.00		35,717.67	2,720.00			38,344.67	840.00		39,184.67	
6	Intra State Transmission Lines (%)												
7	Availability (%)												
	a) Single Circuit												
	b) Double Circuit												
	b) 220 KV Lines												
	b) 132 KV Lines												
	b) Double Circuit												
	b) Single Circuit												
	b) 400 KV Sub-Station												
	b) 220 KV Sub-Station												
	b) 132 KV Sub-Station												
	b) Bus Reactors												
8	Number of Meters												
	a) Total no. interface points with Customers	7	0		7	0			7	0		7	
	b) No. of interface points with ABT compliant meters	7	0		7	0			7	0		7	
	c) No. of interface points with non-ABT compliant meters	0	0		0	0			0	0		0	
	d) No. of interface points without meters	0	0		0	0			0	0		0	
	e) Total no. interface points with Customers	40	10		50	40			50	40		50	
	f) No. of interface points with ABT compliant meters	40	10		50	40			50	40		50	
	g) No. of interface points with non-ABT compliant meters	0	0		0	0			0	0		0	
	h) No. of interface points without meters	0	0		0	0			0	0		0	
9	Employees Strength												
	Technical												
	Non-Technical												
10	Total												

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The details of Employees Strength is provided in Form C5

Normative Parameters Considered for Tariff Computations

Name of the Petitioner:

Punjab State Transmission Corporation Limited

Particulars	UoM	FY 2016-17	Years of the Control Period		
			FY 2017-18	FY 2018-19	FY 2019-20
Rate of Return on Equity	%	15.50%	15.50%	15.50%	15.50%
Target Availability for Full recovery of Fixed Charges	%	98.00%	98.00%	98.00%	98.00%
Target Availability for Incentive	%	98.00%	99.00%	99.00%	99.00%
Normative O&M Expenses for Working Capital	in Months	1	1	1	1
Spares for Working Capital as % of O&M	%	15.00%	15.00%	15.00%	15.00%
Receivables in Months for Working Capital	Months	2	2	2	2

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Transmission Capacity

Year - FY 2016-17

S.No.	Source	Approved Capacity (MW) (Gross)	Auxiliary Consumption and Transformation Losses (%)	Approved Injection (MW) (Net)	PSPCL's Firm Share (%)	PSPCL's Firm Share (MW)	Inter-State Transmission Loss (%)	Share (Net at PSTCL Boundary) (MW)
1	PSPCL Own THERMAL							
	GNDTP, Bathinda	460	11%	409.40	100%	409.40	0%	409.40
	GGSTP, Ropar	1260	8.5%	1152.90	100%	1152.90	0%	1152.90
	GHTP, Lehra Mohabbat	920	8.5%	841.80	100%	841.80	0%	841.80
	Total	2640		2404.10		2404.10		2404.10
2	PSPCL Own HYDRO							
	Mukerian Hydel Project Stage-II 2*9	18	0.5%	17.91	100%	17.91	0%	17.91
	Shannan	110	0.67%	109.26	100%	109.26	0%	109.26
	UBDC	91.35	0.87%	90.56	100%	90.56	0%	90.56
	RSD Net Share Less 20% J&K and 4.6% HP share from RSD	452.4	0.20%	451.50	100%	451.50	0%	451.50
	ASHP	134	0.86%	132.85	100%	132.85	0%	132.85
	MHP	207	0.13%	206.73	100%	206.73	0%	206.73
	Micro Hydel	5.6	0.00%	5.60	100%	5.60	0%	5.60
	Total	1018.35		1014.40	7.00	1014.40	0.00	1014.40
3	PSPCL share from BBMB	1161.28	0.50%	1155.47		1155.47	2.37%	1128.05
4	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)							
	Nabha TPP (NPL)	1400	5.71%	1320.06	100%	1320.06	0%	1320.06
	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.40	100%	1841.40	0%	1841.40
	GVK	540	9.00%	491.40	100%	491.40	0%	491.40
	NRSE Private Projects	911.27	10.27%	817.68	100%	817.68	0%	817.68
	Total	4831.27		4470.54		4470.54		4470.54
5	PSPCL Share from Central Sector							
	Farakka STPS	1600	6.47%	1496.49	1.39%	20.80	2.37%	20.31
	Kahalgaoon-I	840	9.00%	764.40	6.07%	46.40	2.37%	45.30
	Tala	1020	1.00%	1009.80	2.94%	29.69	2.37%	28.98
	Kahalgaoon-II STPS	1500	5.75%	1413.75	8.02%	113.38	2.37%	110.69
	Singrauli STPS	2000	6.88%	1862.40	10.00%	186.24	2.37%	181.82
	Rihand STPS-I	1000	7.75%	922.50	11.00%	101.48	2.37%	99.07
	Rihand STPS Stage-II	1000	5.75%	942.50	10.20%	96.14	2.37%	93.85
	Unchahar-I	420	9.00%	382.20	8.57%	32.75	2.37%	31.98
	Unchahar-II	420	9.00%	382.20	14.28%	54.58	2.37%	53.28
	Unchahar-III	210	9.00%	191.10	8.10%	15.48	2.37%	15.11
	Anta GPS	419	2.50%	408.53	11.69%	47.76	2.37%	46.62
	Auraiya GPS	663	2.50%	646.43	12.52%	80.93	2.37%	79.01
	Dadri NCGPS	830	2.50%	809.25	15.90%	128.67	2.37%	125.62
	NAPS	440	10.50%	393.80	11.59%	45.64	2.37%	44.56
	RAPP B	440	10.50%	393.80	22.73%	89.51	2.37%	87.39
	RAPP C	440	10.50%	393.80	10.41%	40.99	2.37%	40.02
	Bairathul HPS	180	1.00%	178.20	46.50%	82.86	2.37%	80.90
	Salat HPS	690	1.00%	683.10	26.60%	181.70	2.37%	177.39
	Rampur HEP	412.02	1.20%	407.08	5.62%	22.88	2.37%	22.33
	Nathpa Jharki HPS	1500	1.20%	1482.00	10.13%	150.13	2.37%	146.56
	Tehri Stage-I	1000	1.20%	988.00	7.70%	76.08	2.37%	74.27
	Dulhasti HEP	390	1.20%	385.32	8.28%	31.90	2.37%	31.15
	Tanakpur HPS	94	0.70%	93.34	17.93%	16.74	2.37%	16.34
	Chamera HPS-I	540	1.20%	533.52	10.20%	54.42	2.37%	53.13
	Parbati-III HEP	520	1.20%	513.76	7.86%	40.38	2.37%	39.42
	Dhauliganga HEP	280	1.20%	276.64	10.00%	27.66	2.37%	27.01
	Chamera HPS-II	300	0.70%	297.90	10.00%	29.79	2.37%	29.08
	Sewa-II HEP (3 Units)	120	1.00%	118.80	8.33%	9.90	2.37%	9.66
	Uri-I HPS	480	1.20%	474.24	13.75%	65.21	2.37%	63.66
	Uri-II HPS	240	1.20%	237.12	8.13%	19.28	2.37%	18.83
	Koteshwar HEP	400	1.20%	395.20	6.36%	25.13	2.37%	24.54
	Rihand-III	1000	5.75%	942.50	8.27%	77.92	2.37%	76.07
	Koldam HEP	800	1.00%	792.00	7.73%	61.22	2.37%	59.77
	Chamera-III	231	0.70%	229.38	7.86%	18.02	2.37%	17.59
	Durgapur DVC TPS	1000	6.00%	940.00	20.00%	188.00	2.37%	183.54
	Raghuathpura RTPS DVC	1200	5.25%	1137.00	25.00%	284.25	2.37%	277.50
	Pragati-III(Bawana)PPCL	1371	3.00%	1329.87	10.00%	132.99	2.37%	129.83
	MALANA-2 (PTC)	100	1.20%	98.80	88.00%	86.94	2.37%	84.88
	SASAN Ultra Mega Project	3960	6.00%	3722.40	15.00%	558.36	2.37%	545.11
	MUNDRA Ultra mega project	4000	5.00%	3800.00	12.50%	475.00	2.37%	463.73
	Total	34050.02		32469.10		3847.20	2.37%	3755.91
6	NEW PROJECTS							
	Bokaro TPS -A (DVC) IPP	500	7.50%	462.50	13.00%	60.125	2.37%	58.70
	Meja Unit#1 2*660 MW	660	7.50%	610.50	2.50%	15.2625	2.37%	14.90
	Tiesta 3-HEP(PTC) IPP	1200	0.50%	1,194.00	28.33%	338.2602	2.37%	330.23
	Total	2360		2,267.00		413.6477		403.83
7	Grand Total (Transmission Capacity)	46060.92		43780.62		13305.37		13176.84

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Transmission Capacity

Year - FY 2017-18

S.No.	Source	Approved Capacity (MW) (Gross)	Auxiliary Consumption and Transformation Losses (%)	Approved Injection (MW) (Net)	PSPCL's Firm Share (%)	PSPCL's Firm Share (MW)	Inter-State Transmission Loss (%)	Share (Net at PSTCL Boundary) (MW)
1	PSPCL Own THERMAL							
	GNDTP - Bathinda	460	11%	409.40	100%	409.40	0%	409.40
	GGSTP, Ropar	1260	8.5%	1152.90	100%	1152.90	0%	1152.90
	GHTP, Lehra Mohabbat	920	8.5%	841.80	100%	841.80	0%	841.80
	Total	2640		2404.10		2404.10		2404.10
2	PSPCL Own HYDRO							
	Mukerian Hydel Project Stage-II 2*9	18	0.50%	17.91	100%	17.91	0%	17.91
	Shannan	110	0.67%	109.26	100%	109.26	0%	109.26
	UBDC	91.35	0.87%	90.56	100%	90.56	0%	90.56
	RSD Net Share Less 20% J&K and 4.6% HP share from RSD	452.4	0.20%	451.50	100%	451.50	0%	451.50
	ASHP	134	0.86%	132.85	100%	132.85	0%	132.85
	MHP	207	0.13%	206.73	100%	206.73	0%	206.73
	Micro Hydel	5.6	0.00%	5.60	100%	5.60	0%	5.60
	Total	1018.35		1014.40		1014.40	0.00	1014.40
3	PSPCL share from BBMB	1161.28	0.50%	1155.47		1155.47	1.98%	1132.58
4	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)							
	Nabha TPP (NPL)	1400	5.71%	1320.06	100%	1320.06	0%	1320.06
	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.40	100%	1841.40	0%	1841.40
	GVK	540	9.00%	491.40	100%	491.40	0%	491.40
	NRSE Private Projects	1359.77	10.27%	1220.12	100%	1220.12	0%	1220.12
	Total	5279.77		4872.98		4872.98		4872.98
5	PSPCL Share from Central Sector							
	Farakka STPS	1600	6.47%	1496.48	1.39%	20.80	1.98%	20.39
	Kahalgaon-I	840	9.00%	764.40	6.07%	46.40	1.98%	45.48
	Tala	1020	1.00%	1009.80	2.94%	29.69	1.98%	29.10
	Kahalgaon-II STPS	1500	5.75%	1413.75	8.02%	113.38	1.98%	111.14
	Singrauli STPS	2000	6.88%	1862.40	10.00%	186.24	1.98%	182.55
	Rihand STPS-I	1000	7.75%	922.50	11.00%	101.48	1.98%	99.46
	Rihand STPS Stage-II	1000	5.75%	942.50	10.20%	96.14	1.98%	94.23
	Unchahar-I	420	9.00%	382.20	8.57%	32.75	1.98%	32.11
	Unchahar-II	420	9.00%	382.20	14.28%	54.58	1.98%	53.50
	Unchahar-III	210	9.00%	191.10	8.10%	15.48	1.98%	15.17
	Anta GPS	419	2.50%	408.53	11.69%	47.76	1.98%	46.81
	Auraiya GPS	663	2.50%	646.43	12.52%	80.93	1.98%	79.33
	Dadri NCGPS	830	2.50%	809.25	15.90%	128.67	1.98%	126.12
	NAPS	440	10.50%	393.80	11.59%	45.64	1.98%	44.74
	RAPP B	440	10.50%	393.80	22.73%	89.51	1.98%	87.74
	RAPP C	440	10.50%	393.80	10.41%	40.99	1.98%	40.18
	Bairathul HPS	180	1.00%	178.20	46.50%	82.86	1.98%	81.22
	Salat HPS	690	1.00%	683.10	26.60%	181.70	1.98%	178.10
	Rampur HEP	412.02	1.20%	407.08	5.62%	22.88	1.98%	22.42
	Nathpa Jhakri HPS	1500	1.20%	1482.00	10.13%	150.13	1.98%	147.15
	Tehri Stage-I	1000	1.20%	988.00	7.70%	76.08	1.98%	74.57
	Dulhasti HEP	390	1.20%	385.32	8.28%	31.90	1.98%	31.27
	Tanakpur HPS	94	0.70%	93.34	17.93%	16.74	1.98%	16.40
	Chamera HPS-I	540	1.20%	533.52	10.20%	54.42	1.98%	53.34
	Parbati-III HEP	520	1.20%	513.76	7.86%	40.38	1.98%	39.58
	Dhauliganga HEP	280	1.20%	276.64	10.00%	27.66	1.98%	27.12
	Chamera HPS-II	300	0.70%	297.90	10.00%	29.79	1.98%	29.20
	Sewa-II HEP (3 Units)	120	1.00%	118.80	8.33%	9.90	1.98%	9.70
	Uri-I HPS	480	1.20%	474.24	13.75%	65.21	1.98%	63.92
	Uri-II HPS	240	1.20%	237.12	8.13%	19.26	1.98%	18.90
	Koteshwar HEP	400	1.20%	395.20	6.36%	25.13	1.98%	24.64
	Rihand-III	1000	5.75%	942.50	8.27%	77.92	1.98%	76.37
	Koldam HEP	800	1.00%	792.00	7.73%	61.22	1.98%	60.01
	Chamera-III	231	0.70%	229.38	7.86%	18.02	1.98%	17.66
	Durgapur DVC TPS	1000	6.00%	940.00	20.00%	188.00	1.98%	184.27
	Raghunathpura RTPS DVC	1200	5.25%	1137.00	25.00%	284.25	1.98%	278.62
	Pragati-III(Bawana)PPCL	1371	3.00%	1329.87	10.00%	132.99	1.98%	130.35
	MALANA-2 (PTC)	100	1.20%	98.80	88.00%	86.94	1.98%	85.22
	SASAN Ultra Mega Project	3960	6.00%	3722.40	15.00%	558.36	1.98%	547.30
	MUNDRA Ultra mega project	4000	5.00%	3800.00	12.50%	475.00	1.98%	465.59
	Total	34050.02		32469.10		3847.20		3770.97
6	NEW PROJECTS							
	Bokaro TPS -A (DVC) IPP	500	7.50%	462.50	13.00%	60.13	1.98%	58.93
	Meja TPS	1320	7.50%	1221.00	2.50%	30.53	1.98%	29.92
	Tiesla 3-HEP(PTC) IPP	1200	0.50%	1194.00	28.33%	338.26	1.98%	331.56
	Kishan Ganga HEP 3x110=330 MW	330	0.50%	328.35	10.00%	32.84	1.98%	32.18
	Total	3350		3205.85		461.7452		452.595805
7	Grand Total (Transmission Capacity)	47499.42		45121.91		13755.91		13647.63

Transmission Capacity

Year - FY 2018-19

S.No.	Source	Approved Capacity (MW) (Gross)	Auxiliary Consumption and Transformation Losses (%)	Approved Injection (MW) (Net)	PSPCL's Firm Share (%)	PSPCL's Firm Share (MW)	Inter-State Transmission Loss (%)	Share (Net at PSTCL Boundary) (MW)
1	PSPCL Own THERMAL							
	GNDTP, Bathinda	460	11%	409.40	100%	409.40	0%	409.40
	GGSSSTP, Ropar	1260	8.5%	1152.90	100%	1152.90	0%	1152.90
	GHTP, Lehra Mohabbat	920	8.5%	841.80	100%	841.80	0%	841.80
	Total	2640		2404.10		2404.10		2404.10
2	PSPCL Own HYDRO							
	Mukerian Hydel Project Stage-II 2*9	18	0.50%	17.91	100%	17.91	0%	17.91
	Shannan	110	0.67%	109.26	100%	109.26	0%	109.26
	UBDC	91.35	0.87%	90.56	100%	90.56	0%	90.56
	RSD Net Share Less 20% J&K and 4.6% HP share from RSD	452.4	0.20%	451.50	100%	451.50	0%	451.50
	ASHP	134	0.86%	132.85	100%	132.85	0%	132.85
	MHP	207	0.13%	206.73	100%	206.73	0%	206.73
	Micro Hydel	5.6	0.00%	5.60	100%	5.60	0%	5.60
	Total	1018.35		1014.40		1014.40	0.00	1014.40
3	PSPCL share from BBMB	1161.28	0.50%	1155.47		1155.47	2.06%	1131.73
4	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)							
	Nabha TPP (NPL)	1400	5.71%	1320.06	100%	1320.06	0%	1320.06
	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.40	100%	1841.40	0%	1841.40
	GVK	540	9.00%	491.40	100%	491.40	0%	491.40
	NRSE Private Projects	2224.77	10.27%	1996.29	100%	1996.29	0%	1996.29
	Total	6144.77		5649.15		5649.15		5649.15
5	PSPCL Share from Central Sector							
	Farakka STPS	1600	6.47%	1496.48	1.39%	20.80	2.06%	20.37
	Kahalgaoon-I	840	9.00%	764.40	6.07%	46.40	2.06%	45.45
	Tala	1020	1.00%	1009.80	2.94%	29.69	2.06%	29.08
	Kahalgaoon-II STPS	1500	5.75%	1413.75	8.02%	113.38	2.06%	111.05
	Singrauli STPS	2000	6.88%	1862.40	10.00%	186.24	2.06%	182.41
	Rihand STPS-I	1000	7.75%	922.50	11.00%	101.48	2.06%	99.39
	Rihand STPS Stage-II	1000	5.75%	942.50	10.20%	96.14	2.06%	94.16
	Unchahar-I	420	9.00%	382.20	8.57%	32.75	2.06%	32.08
	Unchahar-II	420	9.00%	382.20	14.28%	54.58	2.06%	53.46
	Unchahar-III	210	9.00%	191.10	8.10%	15.48	2.06%	15.16
	Anla GPS	419	2.50%	408.53	11.69%	47.76	2.06%	46.78
	Auraiya GPS	663	2.50%	646.43	12.52%	80.93	2.06%	79.27
	Dadri NCGPS	830	2.50%	809.25	15.90%	128.67	2.06%	126.03
	NAPS	440	10.50%	393.80	11.59%	45.64	2.06%	44.70
	RAPP B	440	10.50%	393.80	22.73%	89.51	2.06%	87.67
	RAPP C	440	10.50%	393.80	10.41%	40.99	2.06%	40.15
	Bairasail HPS	180	1.00%	178.20	46.50%	82.86	2.06%	81.16
	Salal HPS	690	1.00%	683.10	26.60%	181.70	2.06%	177.97
	Rampur HEP	412.02	1.20%	407.08	5.62%	22.88	2.06%	22.41
	Nathpa Jhakri HPS	1500	1.20%	1482.00	10.13%	150.13	2.06%	147.04
	Tehri Stage-I	1000	1.20%	988.00	7.70%	76.08	2.06%	74.51
	Dulhasi HEP	390	1.20%	385.32	8.28%	31.90	2.06%	31.25
	Tanakpur HPS	94	0.70%	93.34	17.93%	16.74	2.06%	16.39
	Chamera HPS-I	540	1.20%	533.52	10.20%	54.42	2.06%	53.30
	Parbati-III HEP	520	1.20%	513.76	7.86%	40.38	2.06%	39.55
	Dhauliganga HEP	280	1.20%	276.64	10.00%	27.66	2.06%	27.10
	Chamera HPS-II	300	0.70%	297.90	10.00%	29.79	2.06%	29.18
	Sewa-II HEP (3 Units)	120	1.00%	118.80	8.33%	9.90	2.06%	9.69
	Uri-I HPS	480	1.20%	474.24	13.75%	65.21	2.06%	63.87
	Uri-II HPS	240	1.20%	237.12	8.13%	19.28	2.06%	18.89
	Koteshwar HEP	400	1.20%	395.20	6.36%	25.13	2.06%	24.62
	Rihand-III	1000	5.75%	942.50	8.27%	77.92	2.06%	76.32
	Koldam HEP	800	1.00%	792.00	7.73%	61.22	2.06%	59.96
	Chamera-III	231	0.70%	229.38	7.86%	18.02	2.06%	17.65
	Durgapur DVC TPS	1000	6.00%	940.00	20.00%	188.00	2.06%	184.14
	Raghunathpura RTPS DVC	1200	5.25%	1137.00	25.00%	284.25	2.06%	278.41
	Pragati-III(Bawana)PPCL	1371	3.00%	1329.87	10.00%	132.99	2.06%	130.25
	MALANA-2 (PTC)	100	1.20%	98.80	88.00%	86.94	2.06%	85.16
	SASAN Ultra Mega Project	3960	6.00%	3722.40	15.00%	558.36	2.06%	546.89
	MUNDRA Ultra mega project	4000	5.00%	3800.00	12.50%	475.00	2.06%	465.24
	Total	34050.02		32469.10		3847.20		3768.14
6	NEW PROJECTS							
	Bokaro TPS -A (DVC) IPP	500	7.50%	462.50	13.00%	60.13	2.06%	58.89
	Meja TPS	1320	7.50%	1221.00	2.50%	30.53	2.06%	29.90
	Tiesta 3-HEP(PTC) IPP	1200	0.50%	1194.00	28.33%	338.26	2.06%	331.31
	Kishan Ganga HEP 3x110=330 MW	330	0.50%	328.35	10.00%	32.84	2.06%	32.16
	Tanda -II	1320	7.50%	1221.00	10.00%	122.10	2.06%	119.59
	Parbati -II	800	0.50%	796.00	10.00%	79.60	2.06%	77.96
	Vishnugad Pipalkoti HEP	444	0.50%	441.78	9.91%	43.78	2.06%	42.88
	Total	5914		5664.63		707.23		692.69
7	Grand Total (Transmission Capacity)	50928.42		48356.85		14777.55		14660.21

Transmission Capacity

Year - FY 2019-20

S.No.	Source	Approved Capacity (MW) (Gross)	Auxiliary Consumption and Transformation Losses (%)	Approved Injection (MW) (Net)	PSPCL's Firm Share (%)	PSPCL's Firm Share (MW)	Inter-State Transmission Loss (%)	Share (Net at PSTCL Boundary) (MW)
1	PSPCL Own THERMAL							
	GNDTP, Bathinda	460	11%	409.40	100%	409.40	0%	409.40
	GGSTP, Ropar	1260	8.5%	1152.90	100%	1152.90	0%	1152.90
	GHTP, Lehra Mohabbat	920	8.5%	841.80	100%	841.80	0%	841.80
	Total	2640		2404.10		2404.10		2404.10
2	PSPCL Own HYDRO							
	Mukerian Hydel Project Stage-II 2'9	18	0.50%	17.91	100%	17.91	0%	17.91
	Shannan	110	0.67%	109.26	100%	109.26	0%	109.26
	UBDC	91.35	0.87%	90.56	100%	90.56	0%	90.56
	RSD Net Share Less 20% J&K and 4.6% HP share from RSD	452.4	0.20%	451.50	100%	451.50	0%	451.50
	ASHP	134	0.86%	132.85	100%	132.85	0%	132.85
	MHP	207	0.13%	206.73	100%	206.73	0%	206.73
	Micro Hydel	5.6	0.00%	5.60	100%	5.60	0%	5.60
	Total	1018.35		1014.40		1014.40	0.00	1014.40
3	PSPCL share from BBMB	1161.28	0.50%	1155.47		1155.47	2.08%	1131.49
4	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)							
	Nabha TPP (NPL)	1400	5.71%	1320.06	100%	1320.06	0%	1320.06
	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.40	100%	1841.40	0%	1841.40
	GVK	540	9.00%	491.40	100%	491.40	0%	491.40
	NRSE Private Projects	2489.77	10.27%	2234.07	100%	2234.07	0%	2234.07
	Total	6409.77		5886.93		5886.93		5886.93
5	PSPCL Share from Central Sector							
	Farakka STPS	1600	6.47%	1496.48	1.39%	20.80	2.08%	20.37
	Kahalgaoon-I	840	9.00%	764.40	6.07%	46.40	2.08%	45.44
	Tala	1020	1.00%	1009.80	2.94%	29.69	2.08%	29.07
	Kahalgaoon-II STPS	1500	5.75%	1413.75	8.02%	113.38	2.08%	111.03
	Singrauli STPS	2000	6.88%	1862.40	10.00%	186.24	2.08%	182.37
	Rihand STPS-I	1000	7.75%	922.50	11.00%	101.48	2.08%	99.37
	Rihand STPS Stage-II	1000	5.75%	942.50	10.20%	96.14	2.08%	94.14
	Unchahar-I	420	9.00%	382.20	8.57%	32.75	2.08%	32.07
	Unchahar-II	420	9.00%	382.20	14.28%	54.58	2.08%	53.45
	Unchahar-III	210	9.00%	191.10	8.10%	15.48	2.08%	15.16
	Anta GPS	419	2.50%	408.53	11.69%	47.76	2.08%	46.77
	Auraiya GPS	663	2.50%	646.43	12.52%	80.93	2.08%	79.25
	Dadri NCGPS	830	2.50%	809.25	15.90%	128.67	2.08%	126.00
	NAPS	440	10.50%	393.80	11.59%	45.64	2.08%	44.69
	RAPP B	440	10.50%	393.80	22.73%	89.51	2.08%	87.65
	RAPP C	440	10.50%	393.80	10.41%	40.99	2.08%	40.14
	Bairasul HPS	180	1.00%	178.20	46.50%	82.86	2.08%	81.14
	Salal HPS	690	1.00%	683.10	26.60%	181.70	2.08%	177.93
	Rampur HEP	412.02	1.20%	407.08	5.62%	22.88	2.08%	22.40
	Natpka Jhakra HPS	1500	1.20%	1482.00	10.13%	150.13	2.08%	147.01
	Tehri Stage-I	1000	1.20%	988.00	7.70%	76.08	2.08%	74.50
	Dulhasti HEP	390	1.20%	385.32	8.28%	31.90	2.08%	31.24
	Tanapur HPS	94	0.70%	93.34	17.93%	16.74	2.08%	16.39
	Chamera HPS-I	540	1.20%	533.52	10.20%	54.42	2.08%	53.29
	Parbati-III HEP	520	1.20%	513.76	7.86%	40.38	2.08%	39.54
	Dhauliganga HEP	280	1.20%	276.64	10.00%	27.66	2.08%	27.09
	Chamera HPS-II	300	0.70%	297.90	10.00%	29.79	2.08%	29.17
	Sewa-II HEP (3 Units)	120	1.00%	118.80	8.33%	9.90	2.08%	9.69
	Uri-I HPS	480	1.20%	474.24	13.75%	65.21	2.08%	63.85
	Uri-II HPS	240	1.20%	237.12	8.13%	19.28	2.08%	18.88
	Koteswar HEP	400	1.20%	395.20	6.36%	25.13	2.08%	24.61
	Rihand-III	1000	5.75%	942.50	8.27%	77.92	2.08%	76.30
	Koldam HEP	800	1.00%	792.00	7.73%	61.22	2.08%	59.95
	Chamera-III	231	0.70%	229.38	7.86%	18.02	2.08%	17.65
	Durgapur DVC TPS	1000	6.00%	940.00	20.00%	188.00	2.08%	184.10
	Raghunathpura RTPS DVC	1200	5.25%	1137.00	25.00%	284.25	2.08%	278.35
	Pragati-III(Bawana)PPCL	1371	3.00%	1329.87	10.00%	132.99	2.08%	130.23
	MALANA-2 (PTC)	100	1.20%	98.80	88.00%	86.94	2.08%	85.14
	SASAN Ultra Mega Project	3960	6.00%	3722.40	15.00%	558.36	2.08%	546.77
	MUNDRA Ultra mega project	4000	5.00%	3800.00	12.50%	475.00	2.08%	465.14
	Total	34050.02		32469.10		3847.20		3767.34
6	NEW PROJECTS							
	Bokaro TPS -A (DVC) IPP	500	7.50%	462.50	13.00%	60.13	2.08%	58.88
	Meja#1 2'660 MW	1320	7.50%	1221.00	2.50%	30.53	2.08%	29.89
	Tiesta 3-HEP(PTC) IPP	1200	0.50%	1194.00	28.33%	338.26	2.08%	331.24
	Kishan Ganga HEP 3x110=330 MW	330	0.50%	328.35	10.00%	32.84	2.08%	32.15
	Tanda -II	1320	7.50%	1221.00	10.00%	122.10	2.08%	119.57
	Parbati -II	800	0.50%	796.00	10.00%	79.60	2.08%	77.95
	Vishnugad Pipakoti HEP	444	0.50%	441.78	9.91%	43.78	2.08%	42.87
	North Karanpura STP	1980	7.50%	1831.50	3.54%	64.75	2.08%	63.41
	Tapovan Vishnugad HEP	520	0.50%	517.40	10.00%	51.74	2.08%	50.67
	Total	8414		8013.53		823.72		806.62
7	Grand Total (Transmission Capacity)	53693.42		50943.54		15131.82		15010.87

Energy Balance

(₹ crore)

S. No.	Particulars	Unit	Previous Year FY 2015-16		Current Year (Estimated) FY 2016-17			FY 2017-18		Control Period Projections FY 2018-19		FY 2019-20
			Actual	H1 (Actual)	H2 (Estimated)	Total (Estimated)	Projected	Projected	Projected	Projected		
1	Energy input into Transmission System	MU	11,885.58	6,739.37	4,630.78	11,370.15	11,938.65	12,535.59	13,162.36			
	a) Energy from sources inside the State (G-T Interface)											
	b) Energy from Sources outside the State (Inter state-intra state transmission system interface)	MU	38,467.35	26,768.91	15,368.85	42,137.76	44,244.64	46,456.88	48,779.72			
	c) Total (a+b)	MU	50,352.93	33,508.28	19,999.62	53,507.90	56,183.30	58,992.46	61,942.09			
2	Energy transmitted to Distribution Licensees (T-D Interface)	MU										
3	Energy transmitted to EHT Consumers	MU	1,923.53	1,065.53	940.00	2,005.53	2,045.64	2,086.55	2,128.28			
4	Energy transmitted to Open Access Customers	MU										
5	Energy transmitted for Intra State Sale	%										
6	Intra State Transmission Loss ((1(c)-2-3-4-5)/1)											

Note/Assumptions:-

- All figures are in respect of all Short Term Open Access Customers embedded within Punjab. Units transmitted are the Units scheduled/ purchased/ wheeled under STOA at customer periphery (i.e. after deducting CTU transmission & distribution losses).
- 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 the period of 01.10.2016 to 31.03.2017 (H2 of current FY) and for FY 2017-18 onwards have been projected on lower side depending on the current scenario, after applicability of Additional Surcharge on Open Access w.e.f. 11.08.2016.

Revenue from Tariff & Charges

(A) Revenue from Intrastate Wheeling of Power:

Sr.No.	Particulars	Transmission Capacity Allocated		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	
		MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
		Actuals													
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							16,262.01	0.02						2.00
	b) Medium Term Customers							1,917,901.26	38.92						252.00
	c) Short Term Customers (Intra-State)														
	Short Term Customers (Inter-State)														
5	Other Consumers														
	Grand Total							1,934,163.27	38.95						254.00

(at 7.45 of 21.05.15)

Sr.No.	Particulars	Transmission Capacity Allocated		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	
		MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
		Projections													
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							45,000.00	0.58						2.00
	b) Medium Term Customers							16,000.00	0.02						2.00
	c) Short Term Customers (Intra-State)							1,030,000.00	22.98						205.00
	Short Term Customers (Inter-State)														
5	Other Consumers														
	Grand Total							1,046,000.00	23.00						207.00

Revenue from Tariff & Charges

Sr.No.	Particulars	Transmission Capacity Allocated	Control Period										No. of Consumers	
			FY 2019-20					FY 2017-18						
			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 (%)		
MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore					
1	Distribution Licensee (T-D Interface) CPP Consumers Connected to Transmission System													
2	EHT Consumers Connected to Transmission System													
3	Open Access Customers Connected to Transmission System :													
	a) Long Term Customers	16.50	15.70		137,500.00	1.74								2.00
	b) Medium Term Customers	10.90			16,000.00	0.02								2.00
	c) Short Term Customers (Intra-State)		250.00		284,000.00	7.98								125.00
5	Other Consumers		250.00		300,000.00	8.00								127.00
	Grand Total	1,110.90												

b) Revenue from other Charges

S. No.	Particulars	Control Period (Projections)														
		FY 2015-16 Actual					FY 2016-17 Estimated					FY 2017-18				
		Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue			
₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore				
1	Distribution Licensee (T-D Interface) CPP Consumers Connected to Transmission System	3	4	5	6	7	8	9	10	11	12	13	14			
2	EHT Consumers Connected to Transmission System															
3	Open Access Customers Connected to Transmission System :															
	a) Long Term Customers															
	b) Medium Term Customers															
	b) Short Term Customers															
5	Other Consumers															
	Grand Total															

Note/Assumptions:-

- All figures are in respect of all Short Term Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all STOA customers).
- Transmission Capacity Allocated includes Load Allowed for purchase of power under Short Term Open Access, as applicable for those open access consumers, who have transacted during the year.
- Data in MVA/ 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.
- Data for Maximum Demand data is not available for Intra State Open Access as one consumer (Winsome Yarns Ltd.) is not covered under ABT, as far as Intra State Wheeling is concerned.
- Maximum Demand figures for Intra State Open Access pertain to maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at Maximum Demand figures for Intra State Open Access/ wheeled under STOA at customer periphery (i.e. after deducting CTU transmission & distribution losses).
- Units transmitted are the Units scheduled/ purchased/ wheeled under STOA and do not include Wheeling Charges, SLDC Operating Charges and Application Fee.
- Revenue from Transmission Charges includes the detail of transmission charges only and does not include Wheeling Charges, SLDC Operating Charges and Application Fee.
- Further, the Actual Revenue realization figures on account of Intra State Open Access Wheeling are not available with this office (figures mentioned are based on accounts only) and thus may vary.
- Figures projected under Medium Term Open Access are based on the MTOA approval granted to Aarti Steels Ltd. and Aarti International Ltd. for wheeling of 4.5 MW and 12 MW power respectively for the period of 01.10.2016 to 31.03.2017.
- Though the power transacted under open access depends on the market scenario changing on day to day basis and thus is unpredictable.

Projection of Energy Sales

A) Energy Sales/Transmitted (in MU)

S. No	Category	Previous Year FY 2015-16		Current Year FY 2016-17			Control Period Projection		
		H1 (Actual)	H2 (Estimated)	Total (Estimated)	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
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		45.00	45.00	45.00	137.50	137.50	137.50	137.50
	b) Medium Term Customers		105.00	1,045.98	1,045.98	300.00	300.00	300.00	300.00
	b) Short Term Customers	1,934.16							
5	Other Customers/Consumers								
	Grand Total								

B) Connected Load (in MVA)

S. No	Category	Previous Year FY 2015-16		Current Year FY 2016-17			Control Period Projection		
		H1 (Actual)	H2 (Estimated)	Total (Estimated)	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
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		56.32	56.32	56.00	56.00	56.00	56.00	56.00
	b) Medium Term Customers		1,143.68	1,363.68	1,364.00	1,200.00	1,200.00	1,200.00	1,200.00
	b) Short Term Customers	1,545.38							
5	Other Customers/Consumers								
	Grand Total								

1,160

C) Maximum or Peak Demand (in MVA)

S. No	Category	Previous Year FY 2015-16		Current Year FY 2016-17			Control Period Projection		
		H1 (Actual)	H2 (Estimated)	Total (Estimated)	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
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		15.70	15.70	15.70	15.70	15.70	15.70	15.70
	b) Medium Term Customers		234.30	473.19	473.00	250.00	250.00	250.00	250.00
	b) Short Term Customers	600.77							
5	Other Customers/Consumers								
	Grand Total								

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Projection of Energy Sales

D) Minimum Demand (in MVA)

S. No	Category	Previous Year	Current Year		Control Period Projection			
		FY 2015-16	H1 (Actual)	H2 (Estimated)	Total (Estimated)	FY 2017-18	FY 2018-19	FY 2019-20
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							
	b) Medium Term Customers							
	b) Short Term Customers							
5	Other Customers/Consumers							
	Grand Total							

E) Average Demand (in MVA)

S. No	Category	Previous Year	Current Year		Control Period Projection			
		FY 2015-16	H1 (Actual)	H2 (Estimated)	Total (Estimated)	FY 2017-18	FY 2018-19	FY 2019-20
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							
	b) Medium Term Customers							
	b) Short Term Customers							
5	Other Customers/Consumers	220.19	107.12	119.08	119.08	34.15	34.15	15.65
	Grand Total							

Note/ Assumptions:

- All figures are in respect of all Short Term Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all STOA customers connected at 11KV, 33KV, 66KV & 132 KV Voltage Levels)
- Connected Load pertains to Sanctioned Contract demand (CD) of STOA consumers, who transacted during the financial year.
- Energy Sales/ transmitted are the Units scheduled/ wheeled in Million kWh under STOA at customer periphery (i.e. after deducting CTU transmission & distribution losses).
- Data of Maximum Demand in MVA is not available, 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 maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
- 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).
- Data of Average Demand in MVA is not available, 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).
- Figures projected under Medium Term Open Access are based on the MTOA approval granted to Aarti Steels Ltd. and Aarti International Ltd. for wheeling of 4.5 MW and 12 MW power respectively w.e.f. 01.12.2016 upto 31.05.2018.
- 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 decline in open access observed after levy of Additional Surcharge w.e.f. 11.08.2016, figures projected for the Second half of FY 2016-17 & onwards have been considered on lower side depending on the current scenario.

Demand in MVA (Peak)

Year - FY 2015-16

S. No.	Particulars	*(MVA)													
		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														
	Other Customers														
	a) Long Term Customers														
	b) Medium Term Customers														
	b) Short Term Customers														
5	Other Customers/Consumers														
	Grand Total	157.48	251.02	121.49	107.29	108.46	96.15	164.21	235.91	285.41	176.62	238.68	221.49		

Year - FY 2016-17

S. No.	Particulars	*(MVA)													
		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														
	b) Medium Term Customers														
	b) Short Term Customers														
5	Other Customers/Consumers														
	Grand Total	200	220	273	287	86	54	60	60	60	60	60	60	60	60

Year - FY 2017-18

S. No.	Particulars	*(MVA)													
		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														
	b) Medium Term Customers														
	b) Short Term Customers														
5	Other Customers/Consumers														
	Grand Total	16	16	16	16	16	16	16	16	16	16	16	16	16	16

FY 2018-19

S. No.	Particulars	*(MVA)													
		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														
	b) Medium Term Customers														
	b) Short Term Customers														
5	Other Customers/Consumers														
	Grand Total	16	16	16	16	16	16	16	16	16	16	16	16	16	16

FY 2019-20

S. No.	Particulars	*(MVA)													
		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														
	b) Medium Term Customers														
	b) Short Term Customers														
5	Other Customers/Consumers														
	Grand Total	16	16	16	16	16	16	16	16	16	16	16	16	16	16

Note/ Assumptions:
 1. All figures are in respect of all Short Term Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all STOA customers connected at 11KV, 33KV, 66KV & 132 KV Voltage Levels)
 2. Demand Pertains to Average quantum of power scheduled/ purchased by open access consumer in MW in each 15 min time-block during the peak period (1800 Hrs to 2200 Hrs) of the year (at customer periphery).
 *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 & CEREC.
 3. 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 decline in open access observed after levy of Additional Surcharge w.e.f. 11.06.2016, figures projected for the Second half of FY 2016-17 & onwards have been considered on lower side depending on the best scenario. Further, figures for average peak load have been predicted based on the prevailing trend and keeping in view the implementation of TOD tariff implemented during October to March (When open access consumers prefers to draw peak power through open access).

Demand in MVA (Off Peak)

Year - FY 2015-16

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												
	b) Medium Term Customers												
	b) Short Term Customers	342	432	179	156	157	134	162	248	294	185	221	210
5	Other Customers/Consumers												
	Grand Total												

*(MVA)

Year - FY 2016-17

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												
	b) Medium Term Customers												
	b) Short Term Customers	248	256	334	401	59	11	15	15	15	16	16	16
5	Other Customers/Consumers												
	Grand Total												

*(MVA)

Year - FY 2017-18

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												
	b) Medium Term Customers	16	16	16	16	16	16	16	16	16	16	16	16
	b) Short Term Customers	35	35	35	35	35	35	15	15	15	15	15	15
5	Other Customers/Consumers												
	Grand Total												

*(MVA)

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Demand in MVA (Off Peak)

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	16	16	16	16	16	16	16	16	16	16	16	16
	b) Medium Term Customers	35	35	35	35	35	35	35	35	35	35	35	35
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

*(MVA)

FY 2019-20

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	16	16	16	16	16	16	16	16	16	16	16	16
	b) Medium Term Customers	35	35	35	35	35	35	35	35	35	35	35	35
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

*(MVA)

Note/ Assumptions:

- All figures are in respect of all Short Term Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all STOA customers connected at 11KV, 33KV, 66KV & 132 KV Voltage Levels)
- Demand Pertains to Average quantum of power scheduled/ purchased by open access consumer in MW in each 15 min time-block during the off-peak period (0000 to 1800 Hrs & 2200 to 2400 Hrs) of the year (at customer periphery).
 - * 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 & CEREC).
- 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 decline in open access observed after levy of Additional Surcharge w.e.f. 11.08.2016, figures projected for the Second half of FY 2016-17 & onwards have been considered on lower side depending on the current scenario. Further, figures for average off-peak load have been predicted based on the prevailing trend and keeping in view the TOD tariff implemented during October to March (when open access consumers avoids open access power during night hours and prefers to draw the same from PSPCL due to night rebate).

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Repair & Maintenance Expenses - Transmission Business

(₹ crore)

S. No.	Particulars	Previous Year		Current Year		Control Period		
		Actual FY 2015-16	Actual H1	Estimated H2	Estimated FY 2016-17	FY 2017-18	Projection FY 2018-19	FY 2019-20
1	Plant and Machinery	30.00	10.44	34.65	45.10	-	-	-
A	Sub-Stations	-	-	-	-	-	-	-
	i) 440 kV	-	-	-	-	-	-	-
	ii) 220 kV	-	-	-	-	-	-	-
	iii) 132 kV	-	-	-	-	-	-	-
B	Others	-	-	-	-	-	-	-
2	Buildings	1.20	0.45	1.49	1.94	-	-	-
3	Civil Works	0.86	0.16	0.52	0.67	-	-	-
4	Lines	1.14	0.12	0.39	0.50	-	-	-
	i) 440 kV	-	-	-	-	-	-	-
	ii) 220 kV	-	-	-	-	-	-	-
	iii) 132 kV	-	-	-	-	-	-	-
	iv) Cables	-	-	-	-	-	-	-
5	Vehicles	0.64	0.22	0.72	0.94	-	-	-
6	Furniture and Fixtures	0.00	0.00	0.01	0.02	-	-	-
7	Office Equipments	0.01	0.01	0.04	0.05	-	-	-
8	Station Supplies	-	-	-	-	-	-	-
9	Maintenance by private agencies	-	-	-	-	-	-	-
10	Any other item (specify)	-	-	-	-	-	-	-
11	Total R&M Expenses	33.86	11.40	37.82	49.22	-	-	-
12	R&M Expenses Capitalized	0.51	0.11	0.11	0.11	-	-	-
13	Net R&M Expense (11-12)	33.35	11.29	37.72	49.11	-	-	-

Note: PSTCL has claimed R&M and A&G Expenses combined as per Regulation 26 of PSERC MYT Regulations, 2014. Hence, the details of R&M Expenses only has not been submitted in the present Format.

Repair & Maintenance Expenses - SLDC Business

(₹ crore)

Sr. No.	Particulars	Previous Year		Current Year			Control Period	
		Actual	Estimated	Actual	Estimated	Estimated	Projection	
		FY 2015-16	H2	H1	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Plant and Machinery	0.15	8.13	0.10	8.23			
2	Building	0.03	1.56	0.00	1.56			
3	Civil Works	-	-	-	-			
4	Lines	-	-	-	-			
5	Vehicles	0.00	0.25	0.01	0.26			
6	Furniture and Fixtures	-	-	-	-			
7	Office Equipments	-	-	-	-			
8	Station Supplies	-	-	-	-			
9	Maintenance by private agencies	-	-	-	-			
10	Any other item (specify)	-	-	-	-			
11	Total R&M Expenses	0.18	9.94	0.11	10.05			
12	R&M Expenses Capitalized	-	-	-	-			
13	Net R&M Expenses (11-12)	0.18	9.94	0.11	10.05			

Note: PSTCL has claimed R&M and A&G Expenses combined as per Regulation 26 of PSERC MYT Regulations, 2014. Hence, the details of R&M Expenses only has not been submitted in the present Format.

Working Capital Requirement

(₹ crore)

Sr. No.	Particulars	Previous Year		Current Year		Control Period	
		Actual		Estimated		Projection	
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
1	O&M Expenses						
a.	Employee Expenses	397.53	461.66	530.43	556.23	587.60	
b.	R&M Expenses	33.35	49.11	58.93	60.93	62.78	
c.	A&G Expenses	16.04	22.75				
d.	Total (a+b+c)	446.92	533.52	589.37	617.16	650.38	
e.	1/12th of 1(d)	37.24	44.46	49.11	51.43	54.20	
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability	202.95	225.25	248.53	258.47	268.27	
3	Maintenance Spares @ 15% of O&M Expenses	67.04	80.03	88.40	92.57	97.56	
	Total Working Capital (1(e) + 2+ 3)	307.23	349.74	386.05	402.47	420.02	
4	Interest Rate*	11.95%	11.95%	11.95%	11.95%	11.95%	
5	Interest on Working Capital	36.71	41.79	46.13	48.10	50.19	

(₹ crore)

Sr. No.	Particulars	Previous Year		Current Year		Control Period	
		Actual		Estimated		Projection	
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
1	O&M Expenses						
a.	Employee Expenses	6.44	7.25	7.59	7.94	8.32	
b.	R&M Expenses	0.18	10.05	2.60	3.34	4.08	
c.	A&G Expenses	0.65	2.91				
d.	Total (a+b+c)	7.27	20.21	10.19	11.29	12.40	
e.	1/12th of 1(d)	0.61	1.68	0.85	0.94	1.03	
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability	1.74	5.79	4.56	5.06	5.56	
3	Maintenance Spares @ 15% of O&M Expenses	1.09	3.03	1.53	1.69	1.86	
	Total Working Capital (1(e) + 2+ 3)	3.43	10.51	6.94	7.69	8.45	
4	Interest Rate*	11.72%	12.00%	11.72%	11.72%	11.72%	
5	Interest on Working Capital	0.40	1.26	0.81	0.90	0.99	

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

Transmission Business

S. No.	Particulars	Previous Year Actual		Current Year Estimated		Control Period Projection Projected		(₹ crore)
		FY 2015-16	Actual H1	Estimated H2	FY 2016-17 Estimated	FY 2017-18	FY 2018-19		FY 2019-20
A	Income from Investment, Fixed & Call Deposits							
1	Interest income from Investments	-	-	-	-	-	-	-
2	Interest income from Fixed Deposits	-	-	-	-	-	-	-
3	Interest income from Banks other than from Fixed Deposits	-	-	-	-	-	-	-
4	Interest income from any other source	-	-	-	-	-	-	-
	Sub-Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B	Other Non-Tariff Income							
1	Interest on Loans and Advances to Staff/Licensee/Lessors	-	-	-	-	-	-	-
2	Interest on Advances to Suppliers / Contractors	-	-	-	-	-	-	-
3	Income from Trading (other than Electricity)	-	-	-	-	-	-	-
4	Gain on Sale of Fixed Assets	-	-	-	-	-	-	-
5	Income/Fee/Collection against Staff Welfare Activities	-	0.00	0.00	0.01	-	-	-
6	Miscellaneous Receipts	-	0.60	0.60	1.20	-	-	-
7	Delayed Payment Charges from Consumers	0.41	0.19	0.19	0.39	0.08	0.08	0.08
8	Rental charges for staff quarters, water charges, Hospital ward, guest house etc.	0.16	0.05	0.05	0.10	0.03	0.03	0.03
9	Sale of Tender forms	0.01	-	-	-	0.00	0.00	0.00
10	Excess found on physical verification	7.98	3.09	3.09	6.18	1.45	1.45	1.45
11	Other Non Tariff Income including prior period	-	-	-	-	-	-	-
12	Income from open access charges i.e. application fee, cross subsidy surcharge, additional surcharge, transmission and/or wheeling charges, scheduling charges etc.	38.92	19.11	-	19.11	7.07	7.07	7.07
13	Sale of Scrap	2.09	0.11	0.11	0.22	0.38	0.38	0.38
14	Misc. income - NOC charges open access customers	-	3.09	3.09	6.19	-	-	-
15	Any other income not included above	5.43	0.12	0.12	0.23	0.99	0.99	0.99
	Sub-Total	55.02	26.37	7.26	33.63	10.00	10.00	10.00
	Total	55.02	26.37	7.26	33.63	10.00	10.00	10.00

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

SLDC

(₹ crore)

S. No.	Particulars	Previous Year Actual		Current Year Estimated		Control Period Projection Projected		
		FY 2015-16	Actual H1	Estimated H2	Estimated FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
A	Income from Investment, Fixed & Call Deposits	-	-	-	-	-	-	-
1	Interest income from Investments	0.02	-	-	-	0.00	0.00	0.00
2	Interest income from Fixed Deposits	-	-	-	-	-	-	-
3	Interest income from Banks other than from Fixed Deposits	-	-	-	-	-	-	-
4	Interest income from any other source	-	-	-	0.00	-	-	-
	Sub-Total	0.02	0.00	0.00	0.00	0.00	0.00	0.00
B	Other Non-Tariff Income							
1	Interest on Loans and Advances to Staff/Licensee/Lessors	-	-	-	-	-	-	-
2	Interest on Advances to Suppliers / Contractors	-	-	-	-	-	-	-
3	Income from Trading (other than Electricity)	-	-	-	-	-	-	-
4	Gain on Sale of Fixed Assets	-	-	-	-	-	-	-
5	Income/Fee/Collection against Staff Welfare Activities	-	-	-	-	-	-	-
6	Miscellaneous Receipts	0.00	0.11	0.11	0.23	0.00	0.00	0.00
7	Delayed Payment Charges from Consumers	-	-	-	-	-	-	-
8	Rental charges for staff quarters, water charges, Hospital ward, guest house etc.	0.02	0.01	0.01	0.02	0.00	0.00	0.00
9	Sale of Tender forms	0.00	-	-	-	0.00	0.00	0.00
10	Excess found on physical verification	-	-	-	-	-	-	-
11	Other Non Tariff Income including prior period	0.82	-	-	-	0.08	0.08	0.08
12	Income from open access charges i.e. application fee, cross subsidy surcharge, additional surcharge, transmission and/or wheeling charges, scheduling charges etc.	6.54	3.09	-	3.09	0.66	0.66	0.66
13	Sale of Scrap	-	-	-	-	-	-	-
14	Misc. income - NOC charges open access customers	2.17	1.04	1.04	2.07	0.22	0.22	0.22
15	Any other income not included above	0.30	-	-	-	0.03	0.03	0.03
	Sub-Total	9.85	4.25	1.16	5.41	1.00	1.00	1.00
	Total	9.87	4.25	1.16	5.41	1.00	1.00	1.00

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

PSTCL (Transmission Business + SLDC)

S. No.	Particulars	Previous Year		Current Year		Control Period Projection		
		Actual FY 2015-16	Actual H1	Estimated H2	Estimated FY 2016-17	FY 2017-18	Projected FY 2018-19	FY 2019-20
A	Income from Investment, Fixed & Call Deposits							
1	Interest Income from Investments	-	-	-	-	-	-	-
2	Interest Income from Fixed Deposits	0.02	-	-	-	0.00	0.00	0.00
3	Interest Income from Banks other than from Fixed Deposits	-	-	-	-	-	-	-
4	Interest Income from any other source	-	-	-	-	-	-	-
	Sub-Total	0.02	0.00	0.00	0.00	0.00	0.00	0.00
B	Other Non-Tariff Income							
1	Interest on Loans and Advances to Staff/Licensee/Lessors	-	-	-	-	-	-	-
2	Interest on Advances to Suppliers / Contractors	-	-	-	-	-	-	-
3	Income from Trading (other than Electricity)	-	-	-	-	-	-	-
4	Gain on Sale of Fixed Assets	-	-	-	-	-	-	-
5	Income/Fee/Collection against Staff Welfare Activities	-	0.00	0.00	0.01	-	-	-
6	Miscellaneous Receipts	0.00	0.71	0.71	1.42	0.00	0.00	0.00
7	Delayed Payment Charges from Consumers	-	-	-	-	-	-	-
8	Rental charges for staff quarters, water charges, Hospital ward, guest house etc.	0.44	0.20	0.20	0.41	0.08	0.08	0.08
9	Sale of Tender forms	0.16	0.05	0.05	0.10	0.03	0.03	0.03
10	Excess found on physical verification	0.01	-	-	-	0.00	0.00	0.00
11	Other Non Tariff Income including prior period	8.80	3.09	3.09	6.18	1.53	1.53	1.53
12	Income from open access charges i.e. application fee, cross subsidy surcharge, additional surcharge, transmission and/or wheeling charges, scheduling charges etc.	45.46	22.21	-	22.21	7.74	7.74	7.74
13	Sale of Scrap	2.09	0.11	0.11	0.22	0.38	0.38	0.38
14	Misc. income - NOC charges open access customers	2.17	4.13	4.13	8.26	0.22	0.22	0.22
15	Any other income not included above	5.73	0.12	0.12	0.23	1.02	1.02	1.02
	Sub-Total	64.87	30.62	8.42	39.04	11.00	11.00	11.00
	Total	64.89	30.62	8.42	39.04	11.00	11.00	11.00

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

Transmission Business

(₹ crore)

S. No	Particulars	Previous Year FY 2015-16			Current Year FY 2016-17			Control Period Projection			FY 2019-20		
		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	Additions during the Year	Balance at the end 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	
													Balance at the end of the Year
1	Consumer Contribution Towards Cost of Capital Assets	0.00	0.00	0.00	3.77	3.77	0.00	3.77	0.00	3.77	0.00	3.77	
2	Subsidies Towards Cost of Capital Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Grants Towards Cost of Capital Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	0.00	0.00	0.00	3.77	3.77	0.00	3.77	0.00	3.77	0.00	3.77	

Note - Consumer Contribution of Rs. 3.77 Crore has not been considered for computation of Depreciation, O&M expenses, Interest Charges, etc.

SLDC

(₹ crore)

S. No	Particulars	Previous Year FY 2015-16			Current Year FY 2016-17			Control Period Projection			FY 2019-20		
		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	Additions during the Year	Balance at the end 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	
													Balance at the end of the Year
1	Consumer Contribution Towards Cost of Capital Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	Subsidies Towards Cost of Capital Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	Grants Towards Cost of Capital Assets	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

Existing & Proposed Tariff Schedule - Transmission Business

S. No.	User Type	Previous Year FY 2015-16			Current Year FY 2016-17			Control Period Projection FY 2017-18			Control Period Projection FY 2018-19			Control Period Projection FY 2019-20		
		Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)
1	Distribution Licensee (PSPCL)			967.23			1047.02			1,955.46			1,950.83			1,809.59
2	CPP Wheeling															
3	EHT Consumer Wheeling															
4	Other States Energy Wheeling															
5	Open Access Consumers:															
	a) Long term Consumers				45	Rs. 8728 per MW per Month	0.58	137.5	Rs. 11,940.2 per MW per Month	1.96	1.49	137.5	Rs. 89,357 per MW per Month	1.52		
	b) Medium term Consumers															
	(At customer periphery after T&D losses)															
	c) Short term Consumers	1934	19 Paise/ Unit	39	1046	19 Paise/ Unit (Apr-16 to Jul-16)	23	300	35 Paise/ Unit	0.90	300	27 Paise/ Unit	8.10	300	27 Paise/ Unit	8.10
6	Other Customers															

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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. Revenue from Transmission Charges includes the detail of transmission charges only and do not include Wheeling Charges, S.D.C. Operating Charges and Application Fee. Further, the Revenue figures are the actual realization figures, which includes the effect on account of retrospective revisions of transmission tariff in tariff orders issued by PSERC each financial year.
3. 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 decline in open access observed after levy of Additional Surcharge w.e.f. 11.06.2016, figures projected for the Second half of FY 2016-17 & onwards have been considered on lower side depending on the current scenario. Further, the transmission tariff is also subject to revision, as approved by Hon'ble PSERC in its Tariff Orders to be issued for upcoming financial years.

Revenue from Current Tariffs in Ensuing Years -Transmission Business

FY 2017-18

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)				1047.02		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers	137.5	15.7	Rs. 87628 per MW per Month	1.74		
	b) Medium term Consumers	300	250	23 Paise/ KWh	8.00		
6	Other Customers						

FY 2018-19

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)				1047.02		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers	137.5	15.7	Rs. 87628 per MW per Month	1.74		
	b) Medium term Consumers	300	250	23 Paise/ KWh	8.00		
6	Other Customers						

FY 2019-20

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)				1047.02		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers	137.5	15.7	Rs. 87628 per MW per Month	1.74		
	b) Medium term Consumers	300	250	23 Paise/ KWh	8.00		
6	Other Customers						

Note/ Assumptions:

- Energy Wheeled are the Units scheduled in Million kWh under STOA at customer periphery (i.e. after deducting CTU transmission & distribution losses).
- Data of Maximum Demand in MVA is not available, 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 maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
- 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 decline in open access observed after levy of Additional Surcharge w.e.f. 11.08.2016, figures projected for the Second half of FY 2016-17 & onwards have been considered on lower side depending on the current scenario. Further, the transmission tariff is also subject to revision, as approved by Hon'ble PSERC in its Tariff Orders to be issued for upcoming financial years.

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Revenue from Proposed Tariffs in Ensuing Year- Transmission Business

FY 2017-18									
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)				1,953.46				
2	CPP Wheeling								
3	EHT Consumer Wheeling								
4	Other States Energy Wheeling								
5	Open Access Consumers:								
	a) Long term Consumers								
	b) Medium term Consumers	137.5	15.7	Rs. 1,19,402 per MW per Month	1.96				
	b) Short term Consumers	300	250	35 Paise/ Unit	0.90				
6	Other Customers								

FY 2018-19									
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore) without tax	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit	Expected additional Revenue at proposed charges (₹ crore) for Full Year	Proposed Percentage Increase (%)
1	Distribution Licensee (PSPCL)				1,550.83				
2	CPP Wheeling								
3	EHT Consumer Wheeling								
4	Other States Energy Wheeling								
5	Open Access Consumers:								
	a) Long term Consumers								
	b) Medium term Consumers	137.5	15.7	Rs. 88,154 per MW per Month	1.49				
	b) Short term Consumers	300	250	27 Paise/ KWh	8.10				
6	Other Customers								

FY 2019-20									
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore) without tax	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit	Expected additional Revenue at proposed charges (₹ crore) for Full Year	Proposed Percentage Increase (%)
1	Distribution Licensee (PSPCL)				1,609.59				
2	CPP Wheeling								
3	EHT Consumer Wheeling								
4	Other States Energy Wheeling								
5	Open Access Consumers:								
	a) Long term Consumers								
	b) Medium term Consumers	137.5	15.7	Rs. 89,357 per MW per Month	1.52				
	b) Short term Consumers	300	250	27 Paise/ KWh	8.10				
6	Other Customers								

Losses in the Transmission System

(MU)

Particulars	Previous Year	Current Year			Control Period Projection		
	Actual	Estimated		1st Year	2nd Year	3rd Year	
	FY 2015-16	FY 2016-17	H2	FY 2017-18	FY 2018-19	FY 2019-20	
		H1	H2	Total (H1+H2)			
A							
Losses in EHT System (400 kV)							
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 (A1+B1+C1)							
2 Energy Lost (A4+B4+C4)							
3 Total Transmission Loss (2/1)							
		2.93%	2.83%	2.90%	2.80%	2.60%	
						2.50%	

Dev

Voltage Wise System Losses - Month Wise

(MU)

S. No.	Particulars	FY 2015-16														
		April	May	June	July	August	September	October	November	December	January	February	March			
A	System Losses at 400 KV															
B	System Losses at 220 KV															
C	System Losses at 132 KV															
E	Overall Losses				2.19%	2.88%										

S. No.	Particulars	FY 2016-17														
		April	May	June	July	August	September	October	November	December	January	February	March			
A	System Losses at 400 KV															
B	System Losses at 220 KV															
C	System Losses at 132 KV															
E	Overall Losses				3.57%	2.76%			2.80%	2.82%	2.82%	2.83%	2.83%	2.83%	2.83%	

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Voltage Wise System Losses (Peak) - Month Wise
(MU)

S. No.	Particulars	Month Wise Details														
		April	May	June	July	August	September	October	November	December	January	February	March			
A	System Losses at 400 KV															
B	System Losses at 220 KV															
C	System Losses at 132 KV															
E	Overall Losses															

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Note:
The above information shall be filed for the previous year, current year and entire control period.

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

S. No.	Particulars	Month wise Details															
		April	May	June	July	August	September	October	November	December	January	February	March				
A	System Losses at 400 KV																
B	System Losses at 220 KV																
C	System Losses at 132 KV																
E	Overall Losses																

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Note:
The above information shall be filed for the previous year, current year and entire control period.

Status of Metering

S.No	Particulars	Previous Year FY 2015-16						Current Year FY 2016-17						Current Year FY 2016-19						Current Year FY 2019-20							
		Number of meters targeted during the year	Number of meters installed during the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters targeted during the year	Number of meters installed during the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters targeted during the year	Number of meters installed during the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year	Number of meters at the end of the year		
1	Meters (Corporate/PSFL)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
2	CPM Winding	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
3	ERT Consumer Winding	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
4	ERT Consumer Winding	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
5	Open Access Consumers	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
6	Other Customers	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1	Electronic Meters	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
2	CPM Winding	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
3	ERT Consumer Winding	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
4	Open Access Consumers	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
5	Other Customers	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
6	Other Customers	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
1	Electronic Meters	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
2	CPM Winding	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
3	ERT Consumer Winding	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
4	Open Access Consumers	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
5	Other Customers	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
6	Other Customers	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
1	Electronic Meters	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
2	CPM Winding	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
3	ERT Consumer Winding	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
4	Open Access Consumers	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
5	Other Customers	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
6	Other Customers	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
1	Electronic Meters	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
2	CPM Winding	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
3	ERT Consumer Winding	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
4	Open Access Consumers	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30
5	Other Customers	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31
6	Other Customers	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32	32

Day

Voltage Profile

S.No.	Particulars	First six months of FY 2015-16				Last six months of FY 2015-16				FY 2016-17		Corrective Measures Proposed
		Percentage of time when volatage was		Percentage of time when volatage was		Percentage of time when volatage was		Percentage of time when volatage was		Percentage of time when volatage was		
		Below (9%)	Above (6%)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	
	At 400/220/132 kV side of transformer (incoming point of 400/220/132kV bus)											
	400 KV											
1	Makhu	0.00	19.42	0.00	52.50	0.00	0.00	0.00	21.07			
2	Rajpura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.07			
3	Dhuri	0.00	7.60	0.00	46.89	0.00	0.00	0.00	12.01			
4	Muktsar	0.00	16.55	0.00	72.69	0.00	0.00	0.00	21.28			
5	Amritsar	0.00	2.66	0.00	25.82	0.00	0.00	0.00	5.69			
	220 KV											
1	Verpal	0.00	4.10	0.02	25.60	0.02	0.19	0.19	2.76			
2	GHTP	1.18	8.81	0.50	51.33	0.16	0.16	0.16	11.62			
3	Ablawal	0.00	5.21	0.00	32.10	0.00	0.00	0.00	2.92			
4	Laltonkalan2	0.00	1.78	0.02	10.69	0.08	0.08	0.08	0.16			
5	Malerkotla2	0.02	12.34	0.00	45.40	0.00	0.00	0.00	9.05			
	132 KV											
1	VERPAL	67.92	0.00	7.55	0.00	0.00	0.00	0.00	0.00			
2	Muktsar	2.48	1.68	0.00	22.18	0.31	0.31	0.31	0.31			
3	MUKERIAN2	50.48	0.02	5.59	13.85	11.47	11.47	11.47	11.47			
4	Bhogpur	0.00	12.66	0.00	74.34	0.00	0.00	0.00	21.34			
5	CIVIL LINE AMRITSAR	3.46	0.14	0.02	9.62	0.82	0.82	0.82	0.82			

The reactor compensation study has been carried out by CTU. As per study following reactor capacity has been proposed at strategic locations in Punjab Control Area to curb high voltages especially of 400 KV network.

At 400 KV level - 750 MVAR
At 220 KV level - 175 MVAR

* 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 Feeder & Sub-Stations details	FY 2015-16			FY 2016-17			Control Period Projections									
		Time of Outage			Time of Outage			Time of Outage for FY 2017-18		Time of Outage for FY 2018-19		Time of Outage for FY 2019-20					
		Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Number	Minutes	Number	Minutes	Number	Minutes				
1	400 kV Level																
a)	Feeders	5	13767	13767	2	24	24										
b)	Transformers	38	12661	12661	5	39	39										
c)	Sub-Station	0	0	0	0	0	0										
d)	Line	15	13827	0	23	467	467										
e)	Bus Reactor	0	0	0	0	0	0										
f)	SVCs	0	0	0	0	0	0										
2	220 kV Level																
a)	Feeders	240	98138	98138	205	33351	33351										
b)	Transformers	606	77271	77271	494	30637	30637										
c)	Sub-Station	0	0	0	2	74	74										
d)	Line	321	106186	106186	247	38358	38358										
e)	Bus Reactor	0	0	0	0	0	0										
f)	SVCs	0	0	0	0	0	0										
3	132 kV Level																
a)	Feeders	246	48777	48777	286	21183	21183										
b)	Transformers	537	26832	26832	620	14679	14679										
c)	Sub-Station	0	0	0	27	190	190										
d)	Line	490	57633	57633	489	23840	23840										
e)	Bus Reactor	0	0	0	0	0	0										
f)	SVCs	0	0	0	0	0	0										
4	66 kV Level																
a)	Feeders	391	17114	17114	296	10780	10780										
b)	Transformers	523	15506	15506	372	7535	7535										
c)	Sub-Station	0	0	0	0	0	0										
d)	Line	495	20749	20749	24	1889	1889										
e)	Bus Reactor	0	0	0	0	0	0										
f)	SVCs	0	0	0	0	0	0										

On

Failure of Transformers

S.No	Particulars	FY 2015-16 Actual		FY 2016-17 Estimated		FY 2017-18		FY 2018-19		FY 2019-20	
		Number	%	Number	%	Number	%	Number	%	Number	%
1	EHT Transformer										
	i) 400 kV Sub-Stations	0	0								
	ii) 220 kV Sub-Stations	0	0								
	iii) 132 kV Sub-Stations	0	0								
2	Power Transformer (HT)										
	i) 400 kV Sub-Stations	0	0								
	ii) 220 kV Sub-Stations	3	0.78								
	iii) 132 kV Sub-Stations	2	0.99								

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Peak Demand in MW

S.No.	Particulars	Actual										Current Year (Estimated)		Control Period Projection						
		FY 2010-11	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15	FY 2015-16	FY 2016-17		FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20							
1	Peak Period																			
	a) Winter																			
	b) Summer																			
	c) Other																			
2	Maximum Peak Demand																			
	a) Restricted	8,007	8,834	9,074	8,903	10,155	10,852	11,408	8,000	11,408	11,650	11,900	12,200	12,500						
	b) Unrestricted	9,399	10,471	11,520	10,141	11,534	10,852	11,408	8,000	11,408	11,650	11,900	12,200	12,500						
3	Peak Availability Assessed																			
4	Shortfall in meeting Peak Demand																			
	a) Restricted	925	654	939	491	603	259	1,121	(100)	1,121	NIL	NIL	NIL	NIL						
	b) Unrestricted	4,193	1,423	3,733	1,542	2,412	259	1,121	(100)	1,121	NIL	NIL	NIL	NIL						

Note : Details of Peak Demand and Load Rostering may be provided along with this format i.e. in terms of MW, MU and number of hours per day.

Month-wise Peak Demand (FY 2015-16)

(MW)

S.No.	Particulars	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16		
1	Peak Period																				
	a) Morning																				
	b) Afternoon																				
	c) Evening																				
	d) Night																				
2	Maximum Peak Demand																				
	a) Restricted	5778	7633	10607	10852	10571	10665	8093	5333	6034	6118	6095	5688	6283	7997	10997	11408	11204	10543		
	b) Unrestricted	5778	7633	10607	10852	10571	10665	8093	5333	6034	6118	6095	5688	6283	7997	10997	11408	11204	10543		
3	Peak Availability Assessed																				
4	Shortfall in meeting Peak Demand																				
	a) Restricted	88	155	793	259	335	284	-99	434	-211	300	70	215	81	102	405	1121	77	107		
	b) Unrestricted	88	155	793	259	335	284	-99	434	-211	300	70	214	81	102	405	1121	77	107		

Note : Details of Peak Demand and Load Rostering may be provided along with this format i.e. in terms of MW, MU and number of hours per day.

Form T25(B)

Month-wise Off Peak Demand (FY 2015-16)

		(MW)																		
S.No.	Particulars	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16	Jul-16	Aug-16	Sep-16	
1	Peak Period																			
	a) Morning																			
	b) Afternoon																			
	c) Evening																			
	d) Night																			
2	Maximum Peak Demand																			
	a) Restricted	2701	3996	2036	4636	6469	3518	2464	2292	2126	2211	2596	2389	3211	2493	3686	4607	5352	5806	
	b) Unrestricted	2701	3996	2036	4636	6469	3518	2464	2292	2126	2211	2596	2389	3211	2493	3696	4607	5352	5806	
3	Peak Availability Assessed																			
4	Shortfall in meeting Peak Demand																			
	a) Restricted	88	155	793	259	335	284	-99	434	-211	300	70	215							
	b) Unrestricted	88	155	793	259	335	284	-99	434	-211	300	70	214							

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Note : Details of Peak Demand and Load Rostering may be provided along with this format i.e. in terms of MW, MU and number of hours per day.

Sr. No.	Particulars	Previous Year		Current Year		Control Period Projections		
		FY 2015-16		FY 2016-17		FY 2017-18		
		FY 2015-16		FY 2016-17		FY 2017-18		
I. EQUITY AND LIABILITIES								
1	A) Shareholders' Funds							
	a) Share Capital (Equity)	605.88	605.88	605.88	605.88	605.88	605.88	605.88
	b) Reserves and Surplus	2,264.90	2,272.80	2,388.55	2,501.00	2,388.55	2,501.00	2,555.27
	Total	2,870.79	2,878.68	2,994.44	3,106.88	2,994.44	3,106.88	3,161.15
2	Non-Current liabilities							
	Long-term borrowings	3,406.43	3,547.13	3,549.78	3,426.76	3,549.78	3,426.76	3,245.19
	Secured Loans	689.36	627.30	605.35	583.40	605.35	583.40	561.45
	Unsecured Loans	153.90	157.63	161.45	165.37	161.45	165.37	169.37
	Other long-term liabilities	4.75	5.14	5.55	6.00	5.55	6.00	6.48
	Long-term provisions	4,254.44	4,337.20	4,322.14	4,181.53	4,322.14	4,181.53	3,982.49
	Total							
3	Current Liabilities							
	Short Term Borrowings	253.83	523.88	224.74	101.13	224.74	101.13	137.88
	Trade Payables	-	-	-	-	-	-	-
	Other current liabilities	518.84	540.19	562.42	585.57	562.42	585.57	371.91
	Short Term Provisions	106.65	115.20	124.44	134.41	124.44	134.41	145.19
	Total	879.31	1,179.27	911.59	821.11	911.59	821.11	654.98
	Total	8,004.54	8,395.16	8,228.17	8,109.52	8,228.17	8,109.52	7,798.63
II. ASSETS								
4	Non Current Assets							
	Gross Fixed Assets	8,439.46	9,281.20	9,420.91	9,890.67	9,420.91	9,890.67	10,019.68
	Less: Accumulated Depreciation	1,907.29	2,217.12	2,554.61	2,909.71	2,554.61	2,909.71	3,281.07
	Net Fixed Assets	6,532.17	7,064.08	6,866.30	6,980.97	6,866.30	6,980.97	6,738.61
	Capital Work in Progress	759.41	386.31	577.63	350.47	577.63	350.47	366.80
	Long term Loan and advances	0.62	0.62	0.62	0.62	0.62	0.62	0.62
	Other non-current assets	62.32	62.32	62.32	62.32	62.32	62.32	62.32
	Total	7,354.52	7,513.33	7,506.87	7,394.38	7,506.87	7,394.38	7,168.36
5	Current Assets							
	Current Investment	-	-	-	-	-	-	-
	Inventories	133.88	146.46	152.35	159.13	152.35	159.13	165.52
	Trade receivables	366.60	576.79	400.80	377.69	400.80	377.69	275.65
	Cash & cash equivalents	0.70	0.70	0.70	0.70	0.70	0.70	0.70
	Short-term loans & advances	143.37	152.08	161.31	171.10	161.31	171.10	181.48
	Other current assets	5.46	5.79	6.14	6.52	6.14	6.52	6.91
	Total	650.02	881.82	721.30	715.14	721.30	715.14	630.28
	Grand Total	8,004.54	8,395.15	8,228.17	8,109.52	8,228.17	8,109.52	7,798.63

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Cash Flow Statement

(₹ crore)

Sr. No.	Particulars	Previous Year		Current Year		Control Period Projections	
		Provisional	Estimated	FY 2017-18	FY 2018-19	FY 2019-20	
		FY 2015-16	FY 2016-17				
A	Cash Flow from Operating Activities						
	P&L Account (after tax)	3.08	7.89	115.76	112.45	54.27	
	Add:						
	Depreciation	246.44	309.82	337.49	355.09	371.36	
	Interest and finance charges	486.43	535.61	558.01	549.31	537.80	
	Operating Profit before working capital changes	735.95	853.33	1,011.26	1,016.85	963.43	
	Adjusted For:						
	Decrease/(Increase) in current assets	(138.23)	(231.80)	160.52	6.17	84.86	
	Increase/(Decrease) in current liabilities	(140.50)	29.90	31.47	33.12	(202.88)	
	Decrease/(Increase) in Non-current assets	3.91	-	-	-	-	
	Net cash from Operating Activities	461.13	651.43	1,203.25	1,056.14	845.40	
B	Cash Flow from Investing activities						
	Acquisition of fixed assets	(352.70)	(841.74)	(139.71)	(469.76)	(129.01)	
	Decrease/(Increase) in capital work in progress	(19.70)	373.10	(191.32)	227.16	(16.33)	
	Net cash used in Investing activities	(372.40)	(468.64)	(331.03)	(242.61)	(145.33)	
C	Cash Flow from Financing activities						
	Change in long term borrowing	320.94	82.76	(15.06)	(140.61)	(199.03)	
	Change in short term borrowing	76.76	270.06	(299.15)	(123.61)	36.76	
	Interest paid	(486.43)	(535.61)	(558.01)	(549.31)	(537.80)	
	Net cash used/(decrease) in cash and cash equivalents (A+B+C)	(88.73)	(182.79)	(872.22)	(813.53)	(700.07)	
		-	-	-	-	-	

Return on Equity

(₹ crore)

S.No	Particulars	Previous Year		Current Year		Control Period	
		Actual		Estimated		Projections	
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
A	Option 1:						
1	Equity employed on Assets in use (as per the debt equity ratio approved by Commission) as on the beginning of the year	605.88	605.88	605.88	699.79	775.57	
2	Average Equity employed in assets commissioned during the year (as per the normative debt equity ratio)*	-	-	93.91	75.78	46.60	
3	Equity Capital (A1+A2)	605.88	605.88	699.79	775.57	822.17	
B	Option 2:						
1	Gross Fixed Assets						
a	Gross Fixed Assets (Opening Balance)						
b	Gross Fixed Assets (Closing Balance)						
c	Average GFA (1a+1b)/2						
2	Less : Opening Balance of Accumulated Depreciation (Opening Balance)						
3	Less : Average Depreciation during the Year						
4	Less : Approved outstanding Loan for Fixed Assets						
5	Less : Average of Grants/Subsidy/Contribution for Fixed Assets						
6	Equity Capital in Use [1+2-3-4-5-6]						
C	Return on Equity**	93.91	93.91	101.19	114.34	123.83	

Employee Expenses

Transmission Business

(₹ crore)

S.No	Particulars	Previous Year	Current Year	Control Period		
		Actual FY 2015-16	Estimated FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
A	Employee Cost (Other than covered in 'C & D')					
1	Salaries	97.57	106.44	112.23	116.72	121.39
2	Dearness Allowance (DA)	85.77	125.17	132.16	137.77	143.60
3	Other Allowances	16.66	18.45	20.44	22.64	25.08
4	Interim Relief / Wage Revision	1.10	0.14	0.00	0.00	0.00
5	Overtime	4.62	5.12	5.67	6.28	6.96
6	Bonus	0.00	0.00	0.00	0.00	0.00
7	Generation Incentive	0.00	0.00	0.00	0.00	0.00
8	Any Other Item (specify)	0.00	0.00	0.00	0.00	0.00
	Sub Total	205.71	255.32	270.50	283.41	297.03
B	Other Costs					
1	Medical Expenses Reimbursement	1.25	1.38	1.53	1.69	1.88
2	Travelling Allowance (Conveyance Allowance)	0.00	0.00	0.00	0.00	0.00
3	Leave Travel Assistance	0.17	0.18	0.19	0.20	0.21
4	Payment Under Workman's Compensation Act	0.06	0.00	0.00	0.00	0.00
5	Electricity Concession to Employees	1.58	1.75	1.94	2.15	2.39
6	Other Staff Welfare Expenses	0.31	0.34	0.37	0.41	0.46
7	Any Other Item (specify)	0.00	0.00	0.00	0.00	0.00
	Sub Total	3.35	3.65	4.04	4.46	4.93
C	Apprentice and Other Training Expenses					
D	Contribution to Terminal Benefits					
1	Earned Leave Encashment	20.20				
2	Provident Fund Contribution	3.14				
3	Provision for PF Fund	0.00				
4	Pension	209.19				
5	Gratuity	0.00				
6	Ex-gratia	0.00				
7	Any Other Item (specify)	2.52				
	Sub Total	235.05	249.58	302.79	315.24	332.53
E	Grand Total (A+B+C+D)	444.11	508.56	577.33	603.12	634.50
F	Less: Establishment cost recoverable on execution of 66 kV wd	0.00	0.31	0.31	0.31	0.31
G	Employee Expenses Capitalized	46.59	46.59	46.59	46.59	46.59
H	Net Employee Expenses (E)-(F)-(G)	397.53	461.66	530.43	556.23	587.60

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Employee Expenses

SLDC

(₹ crore)

S.No	Particulars	Previous Year	Current Year	Control Period	
		Actual FY 2015-16	Estimated FY 2016-17	FY 2017-18	Projections FY 2018-19
A	Employee Cost (Other than covered in 'C & D')				
1	Salaries	2.83	2.94	3.06	3.18
2	Dearness Allowance (DA)	2.89	3.68	3.82	3.98
3	Other Allowances	0.53	0.59	0.65	0.72
4	Interim Relief / Wage Revision	0.06	0.00	0.00	0.00
5	Overtime	0.00	0.00	0.00	0.00
6	Bonus	0.00	0.00	0.00	0.00
7	Generation Incentive	0.00	0.00	0.00	0.00
8	Any Other Item (specify)	0.00	0.00	0.00	0.00
	Sub Total	6.31	7.21	7.54	7.88
B	Other Costs				
1	Medical Expenses Reimbursement	0.02	0.03	0.04	0.05
2	Travelling Allowance (Conveyance Allowance)				
3	Leave Travel Assistance	0.01	0.01	0.01	0.01
4	Payment Under Workman's Compensation Act				
5	Electricity Concession to Employees				
6	Other Staff Welfare Expenses				
7	Any Other Item (specify)				
	Sub Total	0.04	0.04	0.05	0.06
C	Apprentice and Other Training Expenses				
	Contribution to Terminal Benefits				
1	Earned Leave Encashment	0.01	0.00	0.00	0.00
2	Provident Fund Contribution	0.00	0.00	0.00	0.00
3	Provision for PF Fund	0.00	0.00	0.00	0.00
4	Pension	0.00	0.00	0.00	0.00
5	Gratuity	0.00	0.00	0.00	0.00
6	Ex-gratia	0.00	0.00	0.00	0.00
7	Any Other Item (specify)	0.08	0.00	0.00	0.00
	Sub Total	0.09	0.00	0.00	0.00
E	Grand Total (A+B+C+D)	6.44	7.25	7.59	7.94
F	Employee Expenses Capitalized	0.00	0.00	0.00	0.00
G	Net Employee Expenses (E)-(F)	6.44	7.25	7.59	7.94

Employee Strength

S.No.	Particulars	Previous Year Actuals		Current Year Estimated		Control Period Projections								
		FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20				
		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	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	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year			
	Technical													
1	Group A	346	455	338	423	384	423	416	423	388	423	388	423	
2	Group B	593	1037	561	1028	748	1028	771	1028	795	1028	795	1028	
3	Group C	1547	3061	1691	2313	2172	2313	2296	2313	2281	2313	2281	2313	
4	Group D	101	82	0	0	0	0	0	0	0	0	0	0	
	Non - Technical													
1	Group A	35	36	51	58	51	58	52	58	52	58	52	58	
2	Group B	178	330	163	193	178	193	171	193	171	193	171	193	
3	Group C	424	964	394	636	486	636	489	636	482	636	482	636	
4	Group D	403	738	394	413	411	413	392	413	392	413	392	413	
	Total	3627	6703	3592	5064	4430	5064	4587	5064	4561	5064	4561	5064	

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Notes:-

- 1 Sanctioned strength reduced from 6703 of 2015-16 to 5064 of 2016-17 due to restructuring of PSTCL.
- 2 Group-A includes posts having grade pay 5500 and above.
- 3 Group-B includes posts having grade pay from 4300 to 5499.
- 4 Group-C includes posts having grade pay from 2200 to 2299.
- 5 Group-D includes posts having grade pay less than 2200.

Administration & General Expenses**Transmission Business**

(₹ crore)

S.No	Particulars	Previous Year	Current Year	Control Period			
		Actual	Estimated	Projections			
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20	
A.	1 Lease/ Rent	1.33					
	2 Insurance	0.03					
	3 Revenue Stamp Expenses Account	-					
	4 Telephone, Postage, Telegram & Telex Charges	0.61					
	5 Incentive & Award to Employees/Outsiders	-					
	6 Consultancy Charges	0.22					
	7 Technical Fees	0.07					
	8 Other Professional Charges	0.02					
	9 Conveyance and Travelling Expenses	6.68					
	10 License and Registration Fees	-					
	11 Vehicle Expenses (Other Than Trucks and Delivery Vans)	Vehicles Running Expenses Petrol and Oil Hiring of Vehicles	0.70				
	12 Security / Service Charges Paid to Outside Agencies	-					
	Sub Total 'A' (1 to 12)	9.65					
B. Other Charges	1 Fee and Subscription for Books and Periodicals	0.00					
	2 Printing and Stationery Expenses	0.21					
	3 Advertisement Expenses (Other than Purchase Related) Exhibition &	0.36					
	4 Contributions/Donations to Outside Institutes / Associations	0.01					
	5 Electricity Charges of Offices	5.69					
	6 Water Charges	0.02					
	7 Entertainment Charges	0.01					
	8 Hospitality	0.06					
	9 Expenses on Training	0.01					
	10 Contingencies Exp.	1.62					
	11 Miscellaneous Expenses (Contribution to NRPC & others under	0.18					
	Sub-Total 'B' (1 To 8)	8.17					
C.	Legal Fee/Charges	0.26					
D.	Auditor's Fee	0.28					
E. Material Related Expenses	1 Freight on Capital Equipments	-					
	2 Purchase Related Advertisement Expenses	1.18					
	3 Vehicle Running Expenses Truck / Delivery Van	1.78					
	4 Vehicle Hiring Expenses Truck / Delivery Van	-					
	5 Other Freight	-					
	6 Transit Insurance	-					
	7 Octroi	-					
	8 Incidental Stores Expenses	0.16					
	9 Fabrication Charges	-					
	Sub Total 'E' (1 To 9)	3.12					
F.	Direction And Supervision Charges	-					
G.	Annual license fee and tariff determination fee payable to PSERC	0.51					
	Grand Total (A To G)	21.99	23.71				
H.	Total Charges Chargeable To	Capital Works (-)	6.03	0.97			
		Revenue Expenses	15.96	22.75			

Note: PSTCL has claimed R&M and A&G Expenses combined as per Regulation 26 of PSERC MYT Regulations, 2014. Hence, the details of A&G

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Administration & General Expenses**SLDC**

(₹ crore)

S.No	Particulars	Previous Year	Current Year	Control Period		
		Actual	Estimated	Projections		
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
A.	1 Lease/ Rent	-	-			
	2 Insurance	0.00	-			
	3 Revenue Stamp Expenses Account	-	-			
	4 Telephone, Postage, Telegram & Telex Charges	0.07	-			
	5 Incentive & Award to Employees/Outsiders	-	-			
	6 Consultancy Charges	-	-			
	7 Technical Fees	-	-			
	8 Other Professional Charges	-	-			
	9 Conveyance and Travelling Expenses	0.06	-			
	10 License and Registration Fees	-	-			
	11 Vehicle Expenses (Other Than Trucks and Delivery Vans)		0.02			
		Vehicles Running Expenses Petrol and Oil Hiring of Vehicles				
12 Security / Service Charges Paid to Outside Agencies	-	-				
	Sub Total 'A' (1 to 12)	0.15				
B. Other Charges	1 Fee and Subscription for Books and Periodicals	0.00	-			
	2 Printing and Stationery Expenses	0.02	-			
	3 Advertisement Expenses (Other than Purchase Related) Exhibition &	0.05	-			
	4 Contributions/Donations to Outside Institutes / Associations	-	-			
	5 Electricity Charges of Offices	0.22	-			
	6 Water Charges	-	-			
	7 Entertainment Charges	-	-			
	8 Hospitality	-	-			
	9 Expenses on Training	-	-			
	10 Contingencies Exp.	0.05	-			
	11 Miscellaneous Expenses (Contribution to NRPC & others under	0.11	-			
	Sub-Total 'B' (1 To 8)	0.45				
C.	Legal Fee/Charges	0.03				
D.	Auditor's Fee	-				
E. Material Related Expenses	1 Freight on Capital Equipments	-	-			
	2 Purchase Related Advertisement Expenses	-	-			
	3 Vehicle Running Expenses Truck / Delivery Van	-	-			
	4 Vehicle Hiring Expenses Truck / Delivery Van	-	-			
	5 Other Freight	-	-			
	6 Transit Insurance	-	-			
	7 Octroi	-	-			
	8 Incidental Stores Expenses	-	-			
	9 Fabrication Charges	-	-			
	Sub Total 'E' (1 To 9)	-	-			
F.	Direction And Supervision Charges	-	-			
G.	Annual license fee and tariff determination fee payable to PSERC	-	-			
	Grand Total (A To G)	0.64	2.91			
H.	Total Charges Chargeable To	Total Charges	0.64	2.91		
		Capital Works (-)	-	0.00		
		Revenue Expenses	0.64	2.91		

Note: PSTCL has claimed R&M and A&G Expenses combined as per Regulation 26 of PSERC MYT Regulations, 2014. Hence, the details of A&G Expenses

S. No	Particulars	Control Period																					
		FY 2017-18		FY 2018-19		FY 2019-20		FY 2020-21		FY 2021-22													
		At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	At the end of the Year												
1	Land (under 0.1 Ha)																						
2	Land (under 0.1 Ha)																						
3	For investment in land																						
4	For cost of clearing site																						
5	Land (under 0.1 Ha) of hydro generating plant																						
6	Land (under 0.1 Ha) based on area																						
7	Plant and machinery in generating stations																						
8	Hydro-electric																						
9	Steam-electric NHRS & Waste Heat Recovery Boilers / Plants																						
10	Diastolic & gas plant																						
11	Condenser and circulating water systems																						
12	Coal towers and circulating water systems																						
13	Hydraulic works forming part of hydro-electric system including:																						
14	Dams, spillways, weirs, cutails, reinforced concrete damns & siphons																						
15	Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates, steel surge (banks) hydraulic control valves and other hydraulic works																						
16	Building & civil engineering works of a permanent character, not mentioned above:																						
17	Office Buildings																						
18	Combinational thermo-electric generating plant																						
19	Combinational hydro-electric generating plant																						
20	Temporary erection such as wooden structures																						
21	Other Buildings																						
22	Transformers, transformer (diesel) sub-station equipment & other fixed apparatus (including plant foundations)																						
23	Transformers (including foundations) having a rating of 100 kilovolt ampere and over																						
24	Others																						
25	Underground cables connections																						
26	Underground cables connections																						
27	Station tree																						
28	Pole type																						
29	Horizontal conductor																						
30	Vertical conductor																						
31	Underground cable including joint boxes and disconnected boxes																						
32	Overhead lines including supports:																						
33	Overhead lines (towers, poles etc.) at normal voltage																						
34	Lines on steel supports operating at normal voltage higher than 13.2 kV but not exceeding 66 kV																						
35	Overhead lines on reinforced support																						
36	Lines on treated wood supports																						
37	Overhead lines (towers, poles etc.) at normal voltage																						
38	Self supported vehicles																						
39	Self supported plants																						
40	Self supported plants																						
41	Other																						
42	Office furniture and fittings																						
43	Office equipments																						
44	Medical equipments including fitness and diagnostic																						
45	Sheet Lamin floor																						
46	Appliances set on bin																						
47	Other than motor																						
48	Motors																						
49	Communication equipment																						
50	Radio and TV transmitter receiver systems																						
51	Telephone lines and telebooks																						
52	IT Equipments																						
53	Any other Assets not covered above (specify)																						
54	Buildings having a gross area of less than 50 sq meters																						
55	Buildings having a gross area of more than 50 sq meters																						
56	Buildings containing Distribution installations																						
57	Residential rentee for staff																						
58	Kitchen Building																						
59	Turbines Generator																						
60	Plant foundation for steam power plant																						
61	Oil storage equipment																						
62	Transformer & substation etc. above 100KV																						
63	Material handling equipment																						
64	Material handling equipment																						
65	Material handling equipment																						
66	Refrigerator and water cooler																						
67	Motor lifting laboratory																						
68	Floor slab equipment																						
69	Surveying drawing instruments																						
70	Remote terminal units																						
71	Telephones																						
72	Vehicles																						
73	Furniture & Office Guard house																						
Total		927,653	190,13	0.00	335,38	84687.72	94687.72	4757.76	89467.39	99467.39	139.01	99467.39	99467.39	10685.49									

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B

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Fixed Assets & Provision for Depreciation (SLDC)

S. No	Particulars	Amount (₹ crore) (A)	Contribution from Subsidies/Grants/ Beneficiaries' Contribution / Consumers (B)	Value of Asset eligible for depreciation (A-B)	Rate of Depreciation (%)	Provisional FY 2015-16				FY 2016-17											
						Fixed Assets, excluding Consumer Contribution /Grants/Subsidies				Fixed Assets, excluding Consumer Contribution											
						At the start of the Year	Addition during the Year	Deduction during the Year	Total Depreciable base	At the end of the Year	At the start of the Year	Addition during the Year	Deduction during the year	Total Depreciable base	At the end of the Year						
1	Land owned under full title	10.101					5.61		5.61	5.61											
2	Land held under lease																				
a)	For investment in land																				
b)	For cost of clearing site																				
c)	Land for reservoir in case of hydro generating plant																				
3	Assets Purchased New																				
a)	Plant and machinery in generating stations																				
i)	Hydro-electric																				
ii)	Steam-electric NHRS & Waste Heat Recovery Boilers / Plants																				
iii)	Diesel electric & gas plant																				
b)	Cooling towers and circulating water systems																				
c)	Hydraulic works forming part of hydro-electric system including:																				
i)	Dams, spillways weirs, canals, reinforced concrete flumes & siphons																				
ii)	Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates, steel surge (tanks) hydraulic control valves and other hydraulic works																				
d)	Building & civil engineering works of a permanent character, not mentioned above:	10.206						0.68	0.68	0.68	0.43	0.25									
i)	Offices & showrooms																				
ii)	Containing thermo-electric generating plant																				
iii)	Containing hydro-electric generating plant																				
iv)	Temporary erection such as wooden structures																				
v)	Roads other than Kutcha roads																				
vi)	Others																				
e)	Transformers, transformer (kiosk) sub-station equipment & other fixed apparatus (including plant foundations)	10.541								0.02	0.02	(0.00)									
i)	Communication equipment	10.571								2.52	2.33	0.19									
ii)	Communication equipment	10.572								0.03	0.03	0.00									
f)	Refrigerator and Water Cooler	10.58																			
g)	RTU	10.591																			
i)	Meters	10.631								5.35	3.17	2.32									
ii)	Jeep and Motor Car	10.73								0.00	0.00	0.00									
iii)	Furniture and Fixtures	10.801								0.05	0.03	0.02									
h)	Calculator	10.901								0.14	0.06	0.10									
i)	Underground cable including joint boxes and disconnected boxes	10.902								0.00	-	0.00									
j)	Computers	10.904								0.21	0.16	0.05									
k)	Overhead lines including supports:																				
q)	Communication equipment																				
r)	Radio and higher frequency carrier systems																				
ii)	Telephone lines and telephones																				
iii)	I.T Equipments																				
s)	Any other Assets not covered above (specify)																				
Total								8.32	6.46	0.00	14.78	6.24	14.78	14.78	21.03	0.00	1.18				35.81

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A

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Fixed Assets & Provision for Depreciation

S. No	Particulars	FY 2017-18						FY 2018-19						FY 2019-20					
		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies		Fixed Assets, excluding Consumer Contribution /Grants/Subsidies			
		At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year	At the start of the Year	Addition during the Year	Deduction	Total Depreciable base	Depreciation	At the end of the Year
1	Land owned under full title																		
2	Land held under lease																		
a)	For investment in land																		
b)	For cost of clearing site																		
c)	Land for reservoir in case of hydro generating plant																		
3	Assets Purchased New																		
a)	Plant and machinery in generating stations																		
i)	Hydro-electric																		
ii)	Steam-electric NHRS & Waste Heat Recovery Boilers / Plants																		
iii)	Diesel electric & gas plant																		
b)	Cooling towers and circulating water systems																		
c)	Hydraulic works forming part of hydro-electric system including:																		
i)	Dams, spillways weirs, canals, reinforced concrete flumes & siphons																		
ii)	Reinforced concrete pipelines and surge tanks, steel pipelines, sluice gates, steel surge (tanks) hydraulic control valves and other hydraulic works																		
d)	Building & civil engineering works of a permanent character, not mentioned above:																		
i)	Offices & showrooms																		
ii)	Containing thermo-electric generating plant																		
iii)	Containing hydro-electric generating plant																		
iv)	Temporary erection such as wooden structures																		
v)	Roads other than kutcha roads																		
vi)	Others																		
e)	Transformers, transformer (kiosk) sub-station equipment & other fixed apparatus (including plant foundations)																		
i)	Communication equipment																		
ii)	Communication equipment																		
f)	Refrigerator and Water Cooler																		
g)	RTU																		
i)	Meters																		
ii)	Jeep and Motor Car																		
iii)	Furniture and Fixtures																		
h)	Calculator																		
i)	Underground cable including joint boxes and disconnected boxes																		
j)	Computers																		
k)	Overhead lines including supports:																		
l)	Communication equipment																		
m)	Radio and higher frequency carrier systems																		
n)	Telephone lines and telephones																		
o)	I.T Equipments																		
s)	Any other Assets not covered above (Specify)																		
Total		35.81	10.00	0.00	2.11	45.81	45.81	45.81	10.00	10.00	0.00	2.71	55.81	55.81	10.00	0.00	3.31	65.81	65.81

189 (B)

Q2

Expenses for SLDC Fees & Charges

S. No	Particulars	Previous Year			Current Year			1st Year			2nd Year			Control Period 3rd Year						
		Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)	Contracted Capacity/ Energy (MW/MU)	Rate (₹/MW or Paise/Unit)	Amount (₹ crore)				
		No such expenses is claimed in the Present Petition																		

Out

Current Assets & Liabilities

(₹ crore)

S.No.	Particulars	Previous Year		Current Year	Control Period		
		Provisional FY 2015-16	Estimated FY 2016-17	Estimated FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
A	Current Assets, Loans and Advances						
	Inventories	133.88	146.46		152.35	159.13	165.52
	Trade receivables	366.60	576.79		400.80	377.69	275.65
	Cash & cash equivalents	0.70	0.70		0.70	0.70	0.70
	Short-term loans & advances	143.37	152.08		161.31	171.10	181.48
	Other current assets	5.46	5.79		6.14	6.52	6.91
	TOTAL OF 'A'	650.02	881.82		721.30	715.14	630.28
B	Current Liabilities and Provisions						
	Short Term Borrowings	253.83	523.88		224.74	101.13	137.88
	Trade Payables	-	-		-	-	-
	Other current liabilities	518.84	540.19		562.42	585.57	371.91
	Short Term Provisions	106.65	115.20		124.44	134.41	145.19
	Total of 'B'	879.31	1179.27		911.59	821.11	654.98
C	NET CURRENT ASSETS (= A- B)	(229.30)	(297.45)		(190.29)	(105.97)	(24.71)

Loan master for all loans

(₹ crore)

Particulars	FY 2015-16				FY 2016-17				FY 2017-18				FY 2018-19			
	Opening Balance	Additions	Repayments	Closing Balance	Opening Balance	Additions	Repayments	Closing Balance	Opening Balance	Additions	Repayments	Closing Balance	Opening Balance	Additions	Repayments	Closing Balance
Secured Loans																
LIC	97.71	-	40.91	56.80	56.80	-	22.83	33.97	33.97	-	22.83	11.14	11.14	-	11.14	-
REC	2,845.04	258.27	178.50	2,924.81	2,924.81	380.23	209.39	3,095.65	3,095.65	-	244.00	2,851.65	2,851.65	-	260.00	2,591.65
SBOF	76.67	-	11.11	65.56	65.56	-	21.56	44.00	44.00	-	16.00	28.00	28.00	-	16.00	12.00
NABARD	43.51	84.26	-	127.77	127.77	93.14	-	220.91	220.91	-	-	220.91	220.91	-	10.00	210.91
Un-Secured Loans																
OBC	68.71	-	28.61	40.10	40.10	-	40.10	-	-	-	-	-	-	-	-	-
PSPCL	594.69	-	99.12	495.57	495.57	-	-	495.57	495.57	-	-	495.57	495.57	-	-	495.57
GPF	175.64	-	21.95	153.69	153.69	-	21.96	131.73	131.73	-	21.95	109.78	109.78	-	21.95	87.83
Bank of India	67.74	64.83	-	132.57	132.57	-	-	132.57	132.57	-	-	132.57	132.57	-	-	132.57
New Loan																
New Loan from Banks/Financial Institutions	-	-	-	-	-	-	-	-	-	277.59	-	277.59	277.59	166.83	-	444.42
Loan for SLDC	1.43	2.3	0	3.73	3.73	16.30	-	20.03	20.03	10.00	2.11	27.92	27.92	10.00	2.71	35.21

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Year-wise Capital Expenditure (Rs. Crore)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative Investment till beginning of the Year	Capital Expenditure (Rs. Lakh)			Source of Financing for Capex for FY 2017-18					Source of Financing for Capex for FY 2018-19							
						FY 2017-18	FY 2018-19	FY 2019-20	Internal Accrue (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	Internal Accrue (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan					
1	220 kV S/Sin Bahini Kalan (UG from 132 kV) LLO of 220 kV line between 400 kV S/Sin Moga and 220 kV S/Sin Hirmapura at 220 kV S/Sin Bahini Kalan.	1x100MVA, 220/66 kV T/F	System Upgrade	FY 2016-17	8.43	5.62	-	-	14.05	1.42	-	-	4.20	-	-	-	-	-	0	0	-
2	220 kV S/Sin Alawatur (UG from 132 kV) LLO of 220 kV line between 400 kV S/Sin Moga and 220 kV S/Sin Hirmapura at 220 kV S/Sin Alawatur.	3 Kms 420mm ² ACSR (Zebra)	System Strengthening	FY 2016-17	0.96	1.44	-	-	2.40	0.96	-	-	1.08	-	-	-	-	-	0	0	-
3	220 kV S/Sin Alawatur (UG from 132 kV) LLO of one ckt. of 220 kV S/Sin BBMB, Jalandhar - 220 kV S/Sin Pong DC line (ckt-3) at 220 kV S/Sin Alawatur.	1x100MVA, 220/66 kV T/F	System Upgrade	FY 2016-17	7.93	5.28	-	-	13.21	1.34	-	-	3.95	-	-	-	-	-	0	0	-
4	220 kV S/Sin Talwandi Bhai (1x100MVA, 220/66 kV T/F)	6 Kms 420mm ² ACSR (Zebra)	System Strengthening	FY 2016-17	1.92	2.88	-	-	4.80	0.73	-	-	2.15	-	-	-	-	-	0	0	-
5	220 kV S/Sin Anark (Aug) (2x100MVA, 220/66 kV T/F)	1x160 MVA, 220/66 kV T/F with 220/66 kV T/F	System Augmentation	FY 2016-17	7.87	1.97	-	-	9.84	0.50	-	-	1.47	-	-	-	-	-	0	0	-
6	220 kV S/Sin Mansa (Aug) (3x100MVA, 220/66 kV T/F)	Repl. of 1x100 MVA, 220/66 kV T/F with 1x160 MVA, 220/66 kV T/F	System Augmentation	FY 2016-17	7.05	1.76	-	-	8.81	0.45	-	-	1.32	-	-	-	-	-	0	0	-
7	220 kV S/Sin Kartarpur (Aug) (2x100MVA, 220/66 kV T/F)	Repl. of 1x100 MVA, 220/66 kV T/F with 1x160 MVA, 220/66 kV T/F	System Augmentation	FY 2016-17	7.05	1.76	-	-	8.81	0.45	-	-	1.32	-	-	-	-	-	0	0	-
8	220 kV S/Sin Dharanikot (Aug) (1x160MVA, 220/66 kV T/F)	Repl. of 1x220 kV S/Sin Dharanikot (Aug) (1x160MVA, 220/66 kV T/F)	System Augmentation	FY 2016-17	1.02	4.09	-	-	5.11	1.03	-	-	3.06	-	-	-	-	-	0	0	-
9	220 kV S/Sin Ghulei (Aug)	Repl. of 1x220 kV S/Sin Ghulei (Aug) (1x220 MVA, 58.11 kV T/F)	System Augmentation	FY 2016-17	1.29	0.32	-	-	1.61	0.08	-	-	0.24	-	-	-	-	-	0	0	-
10	220 kV S/Sin Dharanikot (Aug)	Repl. of 1x220 kV S/Sin Dharanikot (Aug) (1x220 MVA, 58.11 kV T/F)	System Augmentation	FY 2016-17	2.58	0.64	-	-	3.22	0.16	-	-	0.48	-	-	-	-	-	0	0	-
11	220 kV S/Sin Bhawanigarh	18 Km DC on DC/420mm ² ACSR (Zebra)	System Strengthening	FY 2016-17	5.76	8.64	-	-	14.40	2.18	-	-	6.46	-	-	-	-	-	0	0	-
12	220 kV S/Sin Bhawanigarh	20 Kms SC on DC/420mm ² ACSR (Zebra)	System Strengthening	FY 2016-17	5.45	8.17	-	-	13.61	2.08	-	-	6.10	-	-	-	-	-	0	0	-
13	220 kV S/Sin Bhawanigarh	1no. 220 kV bay for connectivity with 440 kV S/Sin Patran	System Augmentation	FY 2016-17	1.30	-	-	-	1.30	-	-	-	-	-	-	-	-	-	0	0	-
14	220 kV S/Sin Bhawanigarh	18 Kms 2nd ckt. On DC towers/420mm ² ACSR (Zebra)	System Strengthening	FY 2016-17	1.29	0.86	-	-	2.15	0.22	-	-	0.84	-	-	-	-	-	0	0	-
15	220 kV S/Sin Bhawanigarh	1.5 Kms 2nd ckt. On multi. towers/420mm ² ACSR (Zebra)	System Strengthening	FY 2016-17	0.18	-	-	-	0.18	-	-	-	-	-	-	-	-	-	0	0	-
16	220 kV S/Sin Bhawanigarh	2 Nos. Bays (1no. At 220 kV S/Sin F.P. Nabha and 1 S/Sin F.P. Nabha to 220 kV S/Sin Bhawanigarh)	System Strengthening	FY 2016-17	2.60	-	-	-	2.60	-	-	-	-	-	-	-	-	-	0	0	-
17	220 kV S/Sin Bhawanigarh	Stringing of 2nd ckt. of 220 kV line from 220 kV S/Sin F.P. Nabha to 220 kV S/Sin Bhawanigarh.	System Strengthening	FY 2016-17	2.60	-	-	-	2.60	-	-	-	-	-	-	-	-	-	0	0	-

Year-wise Capital Expenditure (Rs. Crore)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative expenditure till the end of the year	Capital Expenditure (Rs. Lakh)				Source of Financing for Capex for FY 2017-18				Source of Financing for Capex for FY 2018-19				Source of Financing for Capex for FY 2019-20			
						FY 2017-18	FY 2018-19	FY 2019-20	Total Capex till end of the Year	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan
18	ULCO of 220 kV line from 220 kV S/Sin Himmatnagar to 220 kV S/Sin Jagreon at 220 kV S/Sin Alwar.	3Kms/ 420 mm ² ACSR (Zebra) 2nos. Bay	System Strengthening	FY 2016-17	1.50	0.73	-	2.23	0.19	-	-	-	0.55	-	-	-	-	-	-	-	
19	220 kV S/Sin Alwar	Erection of 2nd 220 kV Bus bar (Twin zebra conductor)	System Strengthening	FY 2016-17	2.60	-	-	2.60	-	-	-	-	-	-	-	-	-	-	-	-	
20	220 kV S/Sin Sularpur	Erection of 2nd 220 kV Bus bar (Twin zebra conductor)	System Augmentation	FY 2016-17	4.50	-	-	4.50	-	-	-	-	-	-	-	-	-	-	-	-	
21	220 kV S/Sin Talwandi Sabo	1 no. 220 kV line bay for railway substn at Masopkhana	System Augmentation	FY 2016-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
22	220 kV S/Sin Mansa	1 no. 66 kV line bay for MS Photo. Obs 1.25 MW Ground Based Solar Power Plant	Generation Evacuation	FY 2016-17	0.39	-	-	0.39	-	-	-	-	-	-	-	-	-	-	-	-	
23	Replacement of conductor of 220 kV line from 409 kV S/Sin Ludhiana to 220 kV S/Sin Lalon Kadian (2nd ckt) with HTLS conductor	2.787 Km with suitable HTLS conductor	System Strengthening	FY 2016-17	0.60	0.20	-	0.80	0.05	-	-	-	0.15	-	-	-	-	-	-	-	
24	220 kV S/Sin Dera Bassi/Sadpura (2x100MVA, 220/66 kV T/F)	Acdd. 3rd 1x100 MVA, 220/66 kV T/F	System Augmentation	FY 2016-17	2.16	5.05	-	7.21	1.28	-	-	-	3.77	-	-	-	-	-	-	-	
25	220 kV S/Sin Ferozepur Rd. Ludhiana	Extension in the control room building	-	FY 2016-17	0.32	0.08	-	0.40	0.02	-	-	-	0.06	-	-	-	-	-	-	-	
26	220 kV S/Sin Ferozepur Rd. Ludhiana	1 no. 66 kV O/G line bays for 66 kV S/Sin Sarabha Nagar Ludhiana	-	FY 2016-17	0.31	0.08	-	0.39	0.02	-	-	-	0.06	-	-	-	-	-	-	-	
27	220 kV S/Sin Majitha	Extension in the control room building	-	FY 2016-17	0.32	0.08	-	0.40	0.02	-	-	-	0.06	-	-	-	-	-	-	-	
28	220 kV S/Sin Majitha	O/G line bays for 66 kV S/Sin Bag Kadian (Ckt. II)	-	FY 2016-17	0.31	0.08	-	0.39	0.02	-	-	-	0.06	-	-	-	-	-	-	-	
29	220 kV S/Sin Wadala Granthan	Planning for 1 no. 66 kV O/G line bay for 66 kV S/Sin K/S S/Sin Qadhin.	-	FY 2016-17	0.31	0.08	-	0.39	0.02	-	-	-	0.06	-	-	-	-	-	-	-	
30	Stringing of 1 no. 66 kV ckt on existing 66 kV towers of 66 kV line from 220 kV S/Sin Bhawaniganj to 220 kV S/Sin Badli Sarapur.	Length = 2.5 Km (approx.) on existing 66 kV towers with 200 sq mm ACSR (Parthar)	-	FY 2016-17	0.14	0.04	-	0.18	0.01	-	-	-	0.03	-	-	-	-	-	-	-	
31	220 kV S/Sin Kanji	1 no. 66 kV line bay for MS TIC Industrial plot no. A-1-A, Industrial Park, Dist. Kapurthala	-	FY 2016-17	0.31	0.08	-	0.39	0.02	-	-	-	0.06	-	-	-	-	-	-	-	
32	220 kV S/Sin Bangan	1 no. 66 kV line bay for 66 kV Bangan substation DC on DC link	-	FY 2016-17	0.31	0.08	-	0.39	0.02	-	-	-	0.06	-	-	-	-	-	-	-	

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Year-wise Capital Expenditure (Rs. Crore)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative expenditure till beginning of the Year	Capital Expenditure (Rs. Lakh)		Source of Financing for Capex for FY 2017-18					Source of Financing for Capex for FY 2018-19					Source of Financing for Capex for FY 2019-20				
						FY 2017-18	FY 2018-19	FY 2019-20	Total Capex till end of the Year	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	
33	220 kV S/Sin Paltan	1 no. 66 kV line bay for 66 kV line Dirha DC on DC		FY 2016-17	0.31	0.08	-	0.39	0.02	-	-	0.06	-	-	-	-	-	-	-			
34	220 kV S/Sin Mohali-I (Sec-80)	1 no. 66 kV line bay for Purba Apartments		FY 2016-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
35	220 kV S/Sin Mohali-II (Sec-80)	1 no. 66 kV line bay for HSER		FY 2016-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
36	220 kV S/Sin Bahur	1 no. 66 kV line bay for ABR		FY 2016-17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
37	220 kV S/Sin Jadia (U/G from 132 kV)	1x20 MVA, 132/11 kV with 1x20 MVA, 66/11 kV T/F, 132kV/66kV yard by level earth lifting.		FY 2016-17	1.63	0.41	-	2.03	0.10	-	-	0.30	-	-	-	-	-	-	-			
38	220 kV S/Sin Jadia (U/G from 132 kV)	1x20 MVA, 132/11 kV with 1x20 MVA, 66/11 kV T/F, 132kV/66kV yard by level earth lifting.		FY 2016-17	1.20	0.30	-	1.50	0.08	-	-	0.22	-	-	-	-	-	-	-			
39	220 kV S/Sin Dera Bass/Saipura	Augmentation of existing 1x120 + 2x80 (0.4 Sq inch) conductor with twin moose (0.5 Sq inch) conductor at 220 kV bus bar.		FY 2016-17	0.60	0.15	-	0.75	0.04	-	-	0.11	-	-	-	-	-	-	-			
40	220 kV S/Sin Dera Bass/Saipura	Augmentation of existing twin zebra (0.4 sq inch) conductor with quad zebra (0.5 sq inch) conductor at 66 kV bus bar.		FY 2016-17	0.60	0.15	-	0.75	0.04	-	-	0.11	-	-	-	-	-	-	-			
41	220 kV S/Sin Badhli Kallan (U/G from 132 kV)	Replacement of existing 1x20 + 1x12.5 MVA, 132/11 kV with 2x20 MVA, 66/11 kV T/Fs.		FY 2016-17	2.99	0.75	-	3.74	0.19	-	-	0.56	-	-	-	-	-	-	-			
42	220 kV S/Sin Bangla (U/G from 132 kV)	1x100 MVA, 220/132 kV T/F, 220 kV S/Sin Malabar.	System Upgrade	FY 2016-17	5.51	3.68	-	9.19	0.93	-	-	2.75	-	-	-	-	-	-	-			
43	LLO of 220 kV Jadia - Jamsher SC line at 220 kV S/Sin Bangla (Proposed)	2 Nos. 420 Sq mm on Mali circuit Towers	System Strengthening	FY 2016-17	2.02	1.35	-	3.36	0.34	-	-	1.01	-	-	-	-	-	-	-			
44	LLO of 220 kV Jadia - Jamsher SC line at 220 kV S/Sin Bangla (Proposed)	5 Nos. 420 Sq mm DC on DC Towers	System Strengthening	FY 2016-17	2.40	1.60	-	4.00	0.40	-	-	1.20	-	-	-	-	-	-	-			
45	220 kV Line bays	2 Nos. cost of 1 no. Line bay already included in s/sin at nr. 32(a).	System Strengthening	FY 2016-17	0.78	0.52	-	1.30	0.13	-	-	0.33	-	-	-	-	-	-	-			

Year-wise Capital Expenditure (Rs. Crore)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative expenditures till beginning of the Year	Capital Expenditure (Rs. Lakh)			Source of Financing for Capex for FY 2016-17				Source of Financing for Capex for FY 2016-19					
						FY 2017-18	FY 2018-19	FY 2019-20	Internal Accrual from free reserves and surplus/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	Internal Accrual from free reserves and surplus/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan		
46	132 kV S/Sin Mabou (Aug)	Rpt of 12.5/16 MVA, 132/66 KV T/F with 1x20/25 MVA, 132/66 KV T/F	System Augmentation	FY 2016-17	0.24	0.06	-	0.30	0.02	-	0.04	-	-	-	-	-	-	-
47	132 kV S/Sin Bodal	1x6.66 KV line bay for M/s Azure Power Pulo Pvt. Ltd. for its 1x25 MW Ground based Solar Power Plant	Generation Evaluation	FY 2016-17	0.39	-	-	0.39	-	-	-	-	-	-	-	-	-	-
48	132 kV S/Sin Mbar	1x6.66 KV O/G line bay for M/s Suryodaya Enterprises Ltd for its 1x25 MW capacity Ground based Solar Power Plant	Generation Evaluation	FY 2016-17	0.39	-	-	0.39	-	-	-	-	-	-	-	-	-	-
49	132 kV S/Sin Anarapur Saibh	Extension in the room building	System Augmentation	FY 2016-17	0.28	0.07	-	0.35	0.02	-	0.05	-	-	-	-	-	-	-
50	Aug/Strength of bus bars	15.00	System Augmentation	FY 2016-17	15.00	-	-	15.00	-	-	-	-	-	-	-	-	-	-
51	Provision for Reactive Compensation	5.00	System Augmentation	FY 2016-17	5.00	-	-	5.00	-	-	-	-	-	-	-	-	-	-
52	Addition of bus/system strengthening required on account of PE generation	5.00	System Augmentation	FY 2016-17	5.00	-	-	5.00	-	-	-	-	-	-	-	-	-	-
53	Extension in Switchyard buildings. Provision for AC etc.	5.00	System Augmentation	FY 2016-17	5.00	-	-	5.00	-	-	-	-	-	-	-	-	-	-
54	400 KV S/Sin Doraha (New at Village Dhanansu)	2x500 MVA, 400/220 KV T/F	System Strengthening	FY 2017-18	-	39.00	26.00	65.00	9.86	-	29.14	7.80	0	0	18.20	0	0	0
55	LLO of both ckt. of 400 KV line from 400 KV S/Sin Rajpura Thermal to 400 KV S/Sin Nandwar at 400 KV S/Sin Doraha (New at Jil. 220 KV Bays)	11.1 Km, 2xOC/Twin Moose	System Strengthening	FY 2017-18	-	15.98	10.66	26.64	4.04	-	11.94	3.20	0	0	7.46	0	0	0
56	400 KV S/Sin Mohal (GMAADA)	1x1000MVA, 220/66 KV T/F	System Strengthening	FY 2017-18	-	18.72	4.68	23.40	4.73	-	13.99	1.40	0	0	3.28	0	0	0
57	420 KV S/Sin Mohal (GMAADA)	1x1000MVA, 220/66 KV T/F	System Upgrade	FY 2017-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58	LLO of both 220 KV lines from 400 KV Rajpura to 220 KV S/Sin Lahu at 220 KV S/Sin Mohal (GMAADA)	7 Km, 420mm ² ACSR (Zebra)	System Strengthening	FY 2017-18	-	3.36	2.24	5.60	0.85	-	2.51	0.67	0	0	1.57	0	0	0
59	220 KV Bays 66 KV Bays	4 Nos.	System Strengthening	FY 2017-18	-	6.04	1.51	7.55	1.53	-	4.52	0.45	0	0	1.06	0	0	0
60	220 KV S/Sin Sherpur (Focal Point) (UG from 66 KV grd with 220 KV side GIS and 66 KV side Conventional)	1x160 MVA, 220/66 KV T/F	System Upgrade	FY 2017-18	-	11.94	7.96	19.90	3.02	-	8.92	2.39	0	0	5.97	0	0	0
61	220 KV S/Sin Dhanansu Kalari- line at 220 KV S/Sin Sherpur (Focal Point)	13 Km, 420mm ² ACSR (Zebra)	System Strengthening	FY 2017-18	-	6.24	4.16	10.40	1.56	-	4.66	1.25	0	0	2.91	0	0	0
62	220 KV DC line from 400 KV Grid near Doraha to 220 KV Kothra	12 Km (approx.)/ 420 sq mm DC ACSR Zebra	System Strengthening	FY 2017-18	-	5.76	3.84	9.60	1.46	-	4.30	1.15	0	0	2.69	0	0	0
63	220 KV DC line from 400 KV Grid near Doraha to 220 KV Doraha	10 Km (approx.)/ 420 sq mm DC ACSR Zebra	System Strengthening	FY 2017-18	-	4.80	3.20	8.00	1.21	-	3.59	0.96	0	0	2.24	0	0	0
64	220 KV DC line from 400 KV Grid near Doraha to 220 KV Kothra	10 Km (approx.)/ 420 sq mm DC ACSR Zebra	System Strengthening	FY 2017-18	-	4.80	3.20	8.00	1.21	-	3.59	0.96	0	0	2.24	0	0	0

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Year-wise Capital Expenditure (Rs. Crore)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative till end of the year	Capital Expenditure (Rs. Lakh)			Source of Financing for Capex for FY 2017-18					Source of Financing for Capex for FY 2018-19					Source of Financing for Capex for FY 2019-20				
						FY 2017-18	FY 2018-19	FY 2019-20	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan			
65	220 kV Bays	12 Nos. (2Nos. at 220 kV Ikodha, 2Nos. at Doraha, 2Nos. at 220 kV Bays and 6 Nos. at 400 kV Gud new Doraha/220 kV bus).	System Strengthening	FY 2017-18	-	12.48	3.12	-	15.60	3.15	-	9.33	0.94	0	0	2.18	0	0					
66	220 kV S/Sin Chudaya (Aug)(2x100 MVA, 220/66 kV T/F)	Repl. Of 100 MVA with 150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.29	3.52	-	8.81	1.24	-	3.95	1.06	0	0	2.47	0	0					
67	220 kV S/Sin Rella (Aug)(2x100 MVA, 220/66 kV T/F)	Repl. Of 100 MVA with 150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.29	3.52	-	8.81	1.34	-	3.95	1.06	0	0	2.47	0	0					
68	220 kV S/Sin Sadq (Aug)(2x100 MVA, 220/66 kV T/F)	Repl. Of 100 MVA with 150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.29	3.52	-	8.81	1.34	-	3.95	1.06	0	0	2.47	0	0					
69	220 kV S/Sin Baijehana (Aug) (2x100 MVA, 220/66 kV T/F)	Repl. Of 100 MVA with 150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.29	3.52	-	8.81	1.34	-	3.95	1.06	0	0	2.47	0	0					
70	220 kV S/Sin Jansher (Aug) (2x100 MVA, 220/66 kV T/F)	Repl. Of 100 MVA with 150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.29	3.52	-	8.81	1.34	-	3.95	1.06	0	0	2.47	0	0					
71	220 kV S/Sin Bangan (1x160 MVA, 220/66 kV T/F)	Repl. of 160 MVA with 160 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	4.33	2.86	-	7.21	1.09	-	3.23	0.87	0	0	2.02	0	0					
72	220 kV S/Sin Tahwardi Bhai (Aug)	Repl. of (1x1620+1x107 12.5 MVA), 152/11 kV with 220/66 MVA, 65/11 kV T/Fs	System Augmentation	FY 2017-18	-	1.93	1.29	-	3.22	0.49	-	1.44	0.39	0	0	0.90	0	0					
73	Replacement of conductor of 220 kV line from 400 kV S/Sin Luchana to 220 kV S/Sin Lation Kalar (18 ckt) with HTLS conductor	1,932 Km with suitable HTLS conductor	System Strengthening	FY 2017-18	-	0.42	0.28	-	0.70	0.11	-	0.21	0.08	0	0	0.20	0	0					
74	LLO of 220 kV S/Sin Mansa - Sinsin (SC) 220/66 kV S/Sin Substation (SC) at 400 kV S/Sin Palan (220 kV bus).	40 Km (approx.) 2xDC with 420 mm ² ACSR (26ra)	System Strengthening	FY 2017-18	-	38.41	25.61	-	64.02	9.71	-	28.70	7.66	0	0	17.92	0	0					
75	220 kV Bays	4 Nos. (at 220 kV Bus of 440 kV S/Sin 1x160 MVA, 220/66 kV T/F)	System Strengthening	FY 2017-18	-	4.16	1.04	-	5.20	1.05	-	3.11	0.31	0	0	0.73	0	0					
76	220 kV S/Sin Bhudhade (UG from 66 kV)	1x160 MVA, 220/66 kV T/F	System Upgrade	FY 2017-18	-	10.46	6.97	-	17.43	2.64	-	7.81	2.09	0	0	4.88	0	0					
77	220 kV S/Sin Mansa - 220 kV S/Sin Bhudhade DC Line	40 Km/ 520mm ² ACSR (Moose) DC on DC	System Strengthening	FY 2017-18	-	22.21	14.81	-	37.02	5.62	-	16.60	4.44	0	0	10.37	0	0					
78	220 kV S/Sin Chogawan	ACSR 2nd 150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.90	3.94	-	9.84	1.48	-	4.41	1.18	0	0	2.76	0	0					
79	220 kV S/Sin Badal	ACSR 2nd 100 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	4.33	2.88	-	7.21	1.09	-	3.23	0.87	0	0	2.02	0	0					
80	220 kV S/Sin Dasuya	1x100MVA, 220/66 kV	System Augmentation	FY 2017-18	-	2.16	5.05	-	7.21	0.55	-	1.61	1.52	0	0	3.54	0	0					
81	Aug/ Strengthening of bus bars	220/66 kV	System Augmentation	FY 2017-18	-	15.00	-	-	15.00	3.73	-	11.21	-	0	0	-	0	0					
82	Truck - Trailer	220 Ton GVW	Miscellaneous Works	FY 2017-18	-	2.50	-	-	2.50	0.63	-	1.87	-	0	0	-	0	0					
83	Extension in Switchyard buildings. Provision for	220 Ton GVW	Miscellaneous Works	FY 2017-18	-	5.00	-	-	5.00	1.26	-	3.74	-	0	0	-	0	0					
84	Provision for Reactive Compensation	System Augmentation	FY 2017-18	-	5.00	-	-	5.00	1.26	-	3.74	-	0	0	-	0	0					

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Year-wise Capital Expenditure (Rs. Crore)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative expenditure till beginning of the Year	Capital Expenditure (Rs. Lakh)			Source of Financing for Capex for FY 2017-18					Source of Financing for Capex for FY 2018-19					Source of Financing for Capex for FY 2019-20											
						FY 2017-18	FY 2018-19	FY 2019-20	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/ grants component	Consumer Contribution component	Loan										
85	Addition of bus/system strengthening required on account of RE generation	4x63, 2x1150 MVA, 220/66 kV T/F	System Augmentation	FY 2017-18	-	5.00	-	-	5.00	-	-	-	3.74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
86	220 kV S/Sin Alwarpur (1x100 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2018-19	-	-	4.33	2.88	7.21	-	-	-	-	1.30	0	0	0	3.03	0.07	0	0	3.03	0.07	0	0	0	0	0	0	2.02
87	220 kV S/Sin Mau (1x100 MVA, 220/132kV T/F)	220/66 kV T/F	System Augmentation	FY 2018-19	-	-	4.33	2.88	7.21	-	-	-	-	1.30	0	0	0	3.03	0.07	0	0	3.03	0.07	0	0	0	0	0	0	2.02
88	220 kV S/Sin Sainewal (Aug) (3x100 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2018-19	-	-	5.29	3.52	8.81	-	-	-	-	1.59	0	0	0	3.70	1.16	0	0	3.70	1.16	0	0	0	0	0	0	2.47
89	220 kV S/Sin Khair (Aug) (15/20-20) MVA, 132/11 kV with 2x20 MVA, 66/11 kV	132/11 kV with 2x20 MVA, 66/11 kV	System Augmentation	FY 2018-19	-	-	2.44	1.63	4.07	-	-	-	-	0.73	0	0	0	1.71	0.49	0	0	1.71	0.49	0	0	0	0	0	0	1.14
90	220 kV DC line from 400 kV Jalandhar (PGCL) to 220 kV Kathapur	220 kV DC line	System Strengthening	FY 2018-19	-	-	21.61	14.40	36.01	-	-	-	-	6.46	0	0	0	15.12	4.12	0	0	15.12	4.12	0	0	0	0	0	0	10.08
91	220 kV S/Sin Lahu	220/66 kV T/F with 1x160 MVA, 220/66 kV T/F	System Augmentation	FY 2018-19	-	-	5.29	3.52	8.81	-	-	-	-	1.59	0	0	0	3.70	1.16	0	0	3.70	1.16	0	0	0	0	0	0	2.47
92	220 kV S/Sin Tiber	220/66 kV T/F	System Augmentation	FY 2018-19	-	-	4.33	2.88	7.21	-	-	-	-	1.30	0	0	0	3.03	0.07	0	0	3.03	0.07	0	0	0	0	0	0	2.02
93	220 kV S/Sin Udhoke	220/66 kV T/F	System Augmentation	FY 2018-19	-	-	3.94	5.90	9.84	-	-	-	-	1.18	0	0	0	2.76	1.77	0	0	2.76	1.77	0	0	0	0	0	0	4.13
94	220 kV S/Sin Hoshapur	220/66 kV T/F	System Augmentation	FY 2018-19	-	-	5.90	3.94	9.84	-	-	-	-	1.77	0	0	0	4.13	1.18	0	0	4.13	1.18	0	0	0	0	0	0	2.76
95	Auto Strengthening of bus bars	4 Nos.	System Augmentation	FY 2018-19	-	-	15.00	-	15.00	-	-	-	-	4.50	0	0	0	10.50	-	0	0	10.50	-	0	0	0	0	0	0	-
96	Extension in Switchyard buildings. Provision for AC etc.	500 sq. ft.	System Augmentation	FY 2018-19	-	-	5.00	-	5.00	-	-	-	-	1.50	0	0	0	3.50	-	0	0	3.50	-	0	0	0	0	0	0	-
97	Provision for Reactive Compensation	500 kVAr	System Augmentation	FY 2018-19	-	-	5.00	-	5.00	-	-	-	-	1.50	0	0	0	3.50	-	0	0	3.50	-	0	0	0	0	0	0	-
98	Addition of bus/system strengthening required on account of RE generation	1x160 MVA, 220/66 kV T/F	System Augmentation	FY 2018-19	-	-	5.00	-	5.00	-	-	-	-	1.50	0	0	0	3.50	-	0	0	3.50	-	0	0	0	0	0	0	7.52
99	220 kV S/Sin Fizika (UG from 66 kV)	220/66 kV T/F	System Upgrade	FY 2019-20	-	-	-	10.46	10.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.04
100	400 kV S/Sin Mukaisar - 220 kV S/Sin Fizika, 25 Km 520mm ² ACSR (Moose)	220/66 kV T/F	System Strengthening	FY 2019-20	-	-	-	15.92	15.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.04
101	220 kV BRS	4 Nos.	System Strengthening	FY 2019-20	-	-	-	4.15	4.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.91
102	220 kV S/Sin GNADA Mohali (1x100 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2019-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
103	220 kV S/Sin Bhawanigarh (1x160 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2019-20	-	-	-	4.33	4.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.03
104	220 kV S/Sin Jalla (1x160 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2019-20	-	-	-	4.33	4.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.03
105	220 kV S/Sin Bolanwala (Thaha Sahib)(2x100 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2019-20	-	-	-	5.90	5.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.13
106	220 kV S/Sin Malihar(1x100 MVA, 220/66 kV T/F)	220/66 kV T/F	System Augmentation	FY 2019-20	-	-	-	4.33	4.33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.03
107	13 Km with suitable HTLS conductor with 220 A BRS) Replacement of Existing conductor of 220 kV Mohali - Mohali-II line	13 Km with suitable HTLS conductor with 220 A BRS)	System Strengthening	FY 2019-20	-	-	-	26.96	26.96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.87

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Year-wise Capital Expenditure (Rs. Crores)

Sr. No.	Name of Scheme/Project	Capacity in MVA and Line Length in kms	Nature of Investment	Year of Start	Cumulative expenditure till beginning of the Year	Capital Expenditure (Rs. Lakh)			Source of Financing for Capex for FY 2017-18					Source of Financing for Capex for FY 2018-19					Source of Financing for Capex for FY 2019-20					
						FY 2017-18	FY 2018-19	FY 2019-20	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan	Internal Accrual (from free reserves and surplus)/Equity infused	Capital Subsidies/grants component	Consumer Contribution component	Loan				
108	132 kV S/S In Panarackal (Aug)	Repl. of 1x12.5/16 MVA, 132/65-38 KV T/F with 132/65 KV MVA, 132/65 KV T/F	System Augmentation	FY 2019-20			0.21	0.21	-	-	-	-	-	-	-	-	-	-	0.05	0	0	0	0.15	
109	132 kV IGC, Bathinda	Repl. of 1x25 MVA, 132/65 KV T/F with 1x50 MVA, 132/65 KV T/F	System Augmentation	FY 2019-20			0.16	0.16	-	-	-	-	-	-	-	-	-	-	0.05	0	0	0	0.13	
110	Auto-Strengthening of bus Bars	.....	System Augmentation	FY 2019-20			15.00	15.00	-	-	-	-	-	-	-	-	-	-	4.50	0	0	0	10.50
111	Extension in Switchyard buildings: Provision for L.C.	.....	System Augmentation	FY 2019-20			5.00	5.00	-	-	-	-	-	-	-	-	-	-	1.50	0	0	0	3.50
112	Provision for Reactive Compensation	.....	System Augmentation	FY 2019-20			5.00	5.00	-	-	-	-	-	-	-	-	-	-	1.50	0	0	0	3.50
113	Acquisition of bus/system strengthening required on account of RE generation	.....	System Augmentation	FY 2019-20			5.00	5.00	-	-	-	-	-	-	-	-	-	-	1.50	0	0	0	3.50
114	Employee Training Institute	Equip. IT Implementation	FY 2016-17	10.98																			
115	Equip. IT Implementation	Equip. IT Implementation	FY 2017-18	6.46			28.26	2.23	-	-	-	-	-	-	-	-	-	-	0.67	0	0	0	1.56
116	Procurement of additional RTUs for remaining/upcoming substations of PSTCL	.....	SLDC	FY 2016-17	6.30			9.00	9.00										9.00	2.70	0	0	6.30
117	Implementation Intra-state Boundary Metering cum Transmission Leve Energy Audit Scheme in PSTCL	.....	SLDC	FY 2017-18	10.00			1.00	1.00										1.00	0.30	0	0	0.70
118	Implementation Intra-state Boundary Metering cum Transmission Leve Energy Audit Scheme in PSTCL	SLDC	FY 2016-17	2.00			2.00	2.00															
Scheme Total					168.91	301.50	292.61	105.33	994.96	93.91	287.59	75.78	46.50	176.83	46.50	108.73								

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Capital Works in Progress

		FY 2015-16						
Sr. No.	Particulars	Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance		
		3	4	5	6	7		
1	Transmission Business	738.48	405.29	389.11	-	754.66		
2	SLDC	1.23	4.37	0.85	-	4.76		
	TOTAL	739.71	409.66	389.96	-	759.41		
		FY 2016-17						
Sr. No.	Particulars	Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance		
		3	4	5	6	7		
1	Transmission Business	754.66	473.37	841.74	-	386.29		
2	SLDC	4.76	16.30	21.03	-	0.03		
	TOTAL	759.41	489.67	862.77	-	386.31		
		FY 2017-18						
Sr. No.	Particulars	Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance		
		3	4	5	6	7		
1	Transmission Business	386.29	371.50	180.19	-	577.60		
2	SLDC	0.03	10.00	10.00	-	0.03		
	TOTAL	386.31	381.50	190.19	-	577.63		
		FY 2018-19						
Sr. No.	Particulars	Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance		
		3	4	5	6	7		
1	Transmission Business	577.60	242.61	469.76	-	350.45		
2	SLDC	0.03	10.00	10.00	-	0.03		
	TOTAL	577.63	252.61	479.76	-	350.47		
		FY 2019-20						
Sr. No.	Particulars	Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance		
		3	4	5	6	7		
1	Transmission Business	350.45	145.33	129.01	-	366.78		
2	SLDC	0.03	10.00	10.00	-	0.03		
	TOTAL	350.47	155.33	139.01	-	366.80		

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Interest and Finance Charges

(₹ crore)

S. No.	Loan Source	Rate of Interest (%)	Interest Due			Control Period			
			Previous Year FY 2015-16	Current Year FY 2016-17	FY 2017-18		FY 2018-19	FY 2019-20	
I	Existing Loans								
A	Secured Loans								
1	LIC		8.11	4.46	1.95	0.36			
2	REC		353.96	337.90	334.54	306.19	276.94		
3	SBOP		8.15	6.25	4.01	2.23	0.67		
4	NABARD		8.69	18.29	25.00	30.00	33.00		
5	Sub Total		378.91	366.90	365.50	338.78	310.60		
B	Unsecured Loans								
1	OBC		6.59	2.98	0.54	-	-		
2	PSPCL		63.30	54.51	53.00	53.00	53.00		
3	GPF		14.40	11.60	9.78	8.00	6.23		
4	Bank of India		9.96	15.48	15.44	15.44	15.11		
5	Sub Total		94.25	84.57	78.77	76.45	74.34		
II	New Loans								
1	Loan from Bank/Financial Institutions		-	-	15.37	39.99	54.70		
2	Sub Total		-	-	15.37	39.99	54.70		
IV	Loan for SLDC								
1	Loan for SLDC	12.04%	0.34	1.43	2.89	3.80	4.64		
2	Sub Total		0.34	1.43	2.89	3.80	4.64		
V	Other Interest & Finance Charges								
1	Cost of raising Finance / Bank Charges		1.37	1.37	1.37	1.37	1.37		
2	Guarantee Charges		6.50	14.00	-	-	-		
3	Penal Interest Charges		-	-	-	-	-		
4	Lease Rentals		-	-	-	-	-		
5	Sub Total		7.87	15.37	1.37	1.37	1.37		
D	Grand Total of Interest & Finance Charges		481.37	468.28	463.90	460.39	445.65		
E	Less: Interest & Finance Charges Capitalised		67.85	59.60	53.50	52.14	40.30		
F	Net Interest & Finance Charges (D-E)		413.52	408.68	410.41	408.25	405.36		

Note :

- The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
- The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.

Net Prior Period Expenses / Income

(₹ crore)

S.No.	Particulars	Previous Year	Current Year	Control Period	
		Actual FY 2015-16	Estimated FY 2016-17	FY 2017-18	Projections FY 2018-19 FY 2019-20
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	2.92	-	-	-
4	Excess Provision for Interest and Finance Charge	-	-	-	-
5	Receipts from Consumers	-	-	-	-
6	Other Excess Provisions	-	-	-	-
7	Other Income	-	-	-	-
	Sub Total A	2.92	0.00	0.00	0.00
B	Expenditure Relating to Previous Period				
1	Power Purchase	-	-	-	-
2	Operating Expenses	3.15	-	-	-
3	Excise Duty on Generation	-	-	-	-
4	Employee Cost	12.12	-	-	-
5	Depreciation	-	-	-	-
6	Interest and Finance Charges	-	-	-	-
7	A&G Expenses	-	-	-	-
8	Withdrawal of Revenue Demand	-	-	-	-
9	Material Related	-	-	-	-
10	Others	-	-	-	-
	Sub-Total B	15.27	0.00	0.00	0.00
	Net Prior Period Credit/(Charges) : A-B	(12.35)	0.00	0.00	0.00

Extraordinary Items

(₹ crore)

S.No.	Particulars	Previous Year		Current Year		Control Period Projections		
		Actual FY 2015-16	0.00	Estimated FY 2016-17	0.00	FY 2017-18	FY 2018-19	FY 2019-20
1	Extraordinary Credits (including subsidies against losses due to natural disasters)	-	0.00	-	0.00	-	0.00	0.00
	TOTAL CREDITS							
2	Extraordinary Debits (including subsidies against losses due to natural disasters)	-	0.00	-	0.00	-	0.00	0.00
	TOTAL DEBITS							
	Grand Total		0.00		0.00		0.00	0.00

Share Capital, Reserves and Surplus

(₹ crore)

FY 2015-16					
S. No.	Particulars	Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	605.88	0.00	0.00	605.88
B	RESERVES				
1	General Reserve	2.00	0.00	0.00	2.00
2	Capital Reserve	1845.82	16.29	0.00	1862.11
3	Other Reserves\$	16.29	0.00	16.29	0.00
	Sub Total of Reserves	1864.11	16.29	16.29	1864.11
C	SURPLUS				
1	Surplus*	397.71	3.08	0.00	400.79
	Sub Total of Surplus	397.71	3.08	0.00	400.79
D	Net Worth (A + B + C)	2867.70	19.37	16.29	2870.78

\$- Amount of Rs. 16.29 Crore Transferred to Capital Reserve

* Amount of Rs. 167.54 towards deficit

FY 2016-17					
S. No.	Particulars	Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	605.88	0.00	0.00	605.88
B	RESERVES				
1	General Reserve	2.00	0.00	0.00	2.00
2	Capital Reserve	1862.11	0.00	0.00	1862.11
3	Other Reserves	0.00	0.00	0.00	0.00
	Sub Total of Reserves	1864.11	0.00	0.00	1864.11
C	SURPLUS				
1	Surplus	400.79	7.89	0.00	408.69
	Sub Total of Surplus	400.79	7.89	0.00	408.69
D	Net Worth (A + B + C)	2870.78	7.89	0.00	2878.68

CONTROL PERIOD - PROJECTIONS

(₹ crore)

FY 2017-18					
S. No.	Particulars	Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	605.88	0.00	0.00	605.88
B	RESERVES				
1	General Reserve	2.00	100.00	0.00	102.00
2	Capital Reserve	1862.11	0.00	0.00	1862.11
3	Other Reserves	0.00	0.00	0.00	0.00
	Sub Total of Reserves	1864.11	100.00	0.00	1964.11
C	SURPLUS				
1	Surplus	408.69	15.76	0.00	424.44
	Sub Total of Surplus	408.69	15.76	0.00	424.44
D	Net Worth (A + B + C)	2878.68	115.76	0.00	2994.43

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Share Capital, Reserves and Surplus

(₹ crore)

FY 2018-19					
S. No.	Particulars	Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	605.88	0.00	0.00	605.88
B	RESERVES				
1	General Reserve	102.00	100.00	0.00	202.00
2	Capital Reserve	1862.11	0.00	0.00	1862.11
3	Other Reserves	0.00	0.00	0.00	0.00
	Sub Total of Reserves	1964.11	100.00	0.00	2064.11
C	SURPLUS				
1	Surplus	424.44	12.45	0.00	436.89
	Sub Total of Surplus	424.44	12.45	0.00	436.89
D	Net Worth (A + B + C)	2994.43	112.45	0.00	3106.88

(₹ crore)

FY 2019-20					
S. No.	Particulars	Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated)	Closing Balance
A	SHARE CAPITAL				
1	Equity Capital	605.88	0.00	0.00	605.88
B	RESERVES				
1	General Reserve	202.00	50.00	0.00	252.00
2	Capital Reserve	1862.11	0.00	0.00	1862.11
3	Other Reserves	0.00	0.00	0.00	0.00
	Sub Total of Reserves	2064.11	50.00	0.00	2114.11
C	SURPLUS				
1	Surplus	436.89	4.27	0.00	441.16
	Sub Total of Surplus	436.89	4.27	0.00	441.16
D	Net Worth (A + B + C)	3106.88	54.27	0.00	3161.15

Income Tax Provisions

(₹ crore)

S. No.	Particulars	Previous Year		Current year		Control Period		
		Actual	Estimated	Projection				
		FY 2015-16	FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20		
1	Provision made/Proposed for the Year	0.00	0.00	21.60	24.40	26.43		
2	Details as per Return filed for the Year	0.00	0.00	0.00	0.00	0.00		
3	As Assessed for the Year	0.00	0.00	0.00	0.00	0.00		
4	Credit/Debit of Assessment Year (Give Details)	(42.14)	0.00	0.00	0.00	0.00		
	Total	(42.14)	0.00	21.60	24.40	26.43		

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Details of Expenses Capitalised

(₹ crore)

S.No.	Particulars	Previous Year	Current Year	Control Period		
		Actual FY 2015-16	Estimated FY 2016-17	FY 2017-18	FY 2018-19	FY 2019-20
1	Interest & Finance charges Capitalised	67.85	59.60	53.50	52.14	40.30
2	Employee Expenses Capitalised	46.59	46.59	46.59	46.59	46.59
3	A&G Expenses Capitalised	6.03	0.97	0.00	0.00	0.00
4	R&M Expenses Capitalised	0.51	0.11	0.00	0.00	0.00
5	Any Other Expenses	0.00	0.00	0.00	0.00	0.00
	Grand Total	120.98	107.26	100.08	98.73	86.88

Note :

Since, R&M and A&G Expenses are claimed on normative basis in accordance with PSERC MYT Regulations, 2014 for the Control period, the R&M and A&G Expenses capitalised has not been projected

Statement of Assets Not in Use

(₹ crore)

FY 2015-16					
Sr. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
1	Assets not in use	25.70	0	9.86	15.84

FY 2016-17					
Sr. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
1	Assets not in use	39.63	0.00	22.43	17.20

CONTROL PERIOD PROJECTIONS

FY 2017-18					
Sr. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
1	Assets not in use	39.63	0.00	22.43	17.20

FY 2018-19					
Sr. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
1	Assets not in use	39.63	0.00	22.43	17.20

FY 2019-20					
Sr. No.	Date of Acquisition/Installation	Historical Cost/Cost of Acquisition	Date of withdrawal from operations	Accumulated Depreciation on date of withdrawal	Written down value on date of withdrawal
1	Assets not in use	39.63	0.00	22.43	17.20

Note :

1. The above information is to be provided Generating Station-wise and in consolidated form in case of Generation Business, whether carried out by Distribution Licensee or by any Generating Company or by BBMB.
2. The above information is to be provided in consolidated form in case of Transmission Licensee and Distribution Licensee.



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Grants Towards Cost of Capital Assets

(₹ crore)

S.No	Particulars	Previous Year Actuals		Current Year Estimated		Control Period Projections										
		FY 2015-16		FY 2016-17		FY 2017-18		FY 2018-19		FY 2019-20						
		Balance at the beginning of the year	Additions during the Year	Balance at the beginning of the year	Additions during the Year	Balance at the beginning of the year	Additions during the Year	Balance at the beginning of the year	Additions during the Year	Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year				
1	Grant Towards Cost Of Capital Assets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	Subsidies Towards Cost Of Capital Asset	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Beneficiaries Contribution Towards Cost of Capital Asset	-	-	-	3.77	-	3.77	-	3.77	-	3.77	-	3.77	-	3.77	3.77
	Total	0.00	0.00	0.00	3.77	0.00	3.77	0.00	3.77	0.00	3.77	0.00	3.77	0.00	3.77	3.77

Note :
Consumer Contribution of Rs. 3.77 Crore has not been considered for computation of Depreciation, O&M expenses, Interest Charges, etc.

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Debits, Write-offs and Any Other Items

(₹ crore)

S.No	Particulars	Previous Year	Current Year	Control Period	
		Actual FY 2015-16	Estimated FY 2016-17	FY 2017-18	Projections FY 2018-19 FY 2019-20
1	Material Cost Variance	-	-	-	-
2	Miscellaneous Losses and Written Off	-	-	-	-
3	Bad Debt Written Off/Provided For	-	-	-	-
4	Cost of Trading & Manufacturing Activities	-	-	-	-
5	Net Prior Period Credit/Charges	-	-	-	-
6	Sub Total	-	-	-	-
7	Less Chargeable to Capital Expenses	-	-	-	-
8	Net Chargeable to Revenue	0.00	0.00	0.00	0.00