

**FORMATS FOR PETITION FOR
TRUE UP OF FY 2019-20, ANNUAL
PERFORMANCE REVIEW OF FY
2020-21 AND REVISED ARR AND
TARIFF FOR FY 2021-22**

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Note:

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

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

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Annual Revenue Requirement - Transmission Business

(Rs. crore)

S. No.	Particulars	FY 2019-20		FY 2020-21		Control Period Projection	
		True-up	III	APR	IV	FY 2021-22	V
I	II						
A Receipts							
1	Revenue from Transmission Business and Ancillary Services	1,319.03		1,328.38		1,402.37	
B Expenditure							
1	Expenses for SLDC Fees and Charges	-		-		-	
2	O&M Expenses	555.78		587.05		599.27	
	a) R&M Expenses	55.68		34.97		35.50	
	b) A&G Expenses			26.68		27.40	
	c) Employee Cost	500.10		525.40		536.37	
3	Depreciation	290.42		299.57		305.92	
4	Interest and Finance Charges on Loan Capital	353.45		329.33		313.47	
5	Interest Charges on Working Capital	36.78		36.39		36.85	
6	Prior Period Expenses	-		-		-	
7	Extraordinary Items	-		-		-	
8	Other Debts and Write-Offs	56.40		-		-	
9	Income Tax	-		-		-	
	Sub Total Expenditure (1+2+3+4+5+6+7+8+9)	1,292.82		1,252.35		1,255.51	
C	Return on Equity	109.27		109.27		109.27	
D Total Revenue Requirement		1,402.09		1,361.62		1,364.78	
E	Less: Non-Tariff and other Income	27.32		39.81		32.90	
F Gross ARR		1,374.77		1,321.81		1,331.88	
	Add: Incentive	13.53		-		-	
	Add: Unadjusted Revenue Gap	-		-		-	
	Add: Past Revenue Gap along with carrying cost	(3.77)		(1.01)		70.49	
G Net ARR		1,384.53		1,320.80		1,402.37	
G Surplus (+) / Shortfall (-) (A-G) - Before Tariff Revision		(65.50)		7.58		-	

Note :

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

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Annual Revenue Requirement - SLDC Business

S. No.	Particulars	(Rs. crore)		
		FY 2019-20	FY 2020-21	Control Period
		True-up	APR	Projection
I	II	III	IV	V
A	Revenue			
1	Revenue from Fees and Charges	16.57	16.90	21.69
B	Expenditure			
1	O&M Expenses	8.98	8.60	8.90
	a) R&M Expenses	1.28	0.64	0.76
	b) A&G Expenses	7.70	0.80	0.81
	c) Employee Cost	1.24	7.16	7.32
2	Depreciation	1.25	1.80	2.18
3	Interest and Finance Charges on Loan Capital	0.57	1.27	1.28
4	Interest Charges on Working Capital	9.53	0.56	0.58
5	ULDC charges	21.57	9.53	9.53
6	Sub Total Expenditure (1+2+3+4+5)		21.76	22.47
C	Return on Equity	-	-	-
D	Non-Tariff and other Income	0.78	0.78	0.78
E	Annual Revenue Requirement (B+C-D)	20.79	20.98	21.69
F	Surplus(+)/ Shortfall(-)(A-E) - Before Tariff Revision	(4.22)	(4.08)	-

Note :

The above to be computed based on allocation statement that segregates costs between the Transmission Business and

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Form T3

Operations and Maintenance Expenses Summary

Sr. No.	Particulars	FY 2019-20				2nd Control Period		Remarks
		Tariff Order		April-March (True-up)	Deviation (c) = (b) - (a) V	FY 2020-21	FY 2021-22	
		(a)	(b)	APR VI		Projected VII		
I	II		IV				IX	
1	O&M Expenses	561.50	597.95	(36.45)	595.65	608.17		
1.1	Employee Expenses	505.63	536.86	(31.23)	532.56	543.69		
1.2	R&M Expenses		61.10	-5.23	35.62	36.26		
1.3	A&G Expenses	55.87			27.48	28.22		
2	O&M Expense capitalised	-	33.19	(33.19)	-	-		
3	Total Operation & Maintenance Expenses (net of capitalisation)	561.50	564.76	(3.26)	595.65	608.17		

Note - 1) PSTCL submitted the O&M Expenses for FY 2020-21 and FY 2021-22 on normative basis. Also, for Control period, O&M expenses submitted on normative basis.
2) This format is submitted consolidated for PSTCL

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Form T4

Sr. No.	Particulars	Approved O&M Expenses			3-Year Average (d) = [(a)+(b)+(c)]/3	MYT Control Period					
		FY 2017-18		FY 2018-19		FY 2019-20		FY 2020-21		FY 2021-22	
		(a)	(b)	(c)		Normative	Projected	Normative	Projected		
I	II	III	IV	V	VI	VII	VIII	IX	X		
1	Employee Expenses	471.08	468.54	512.98	484.20	532.56	532.56	543.69	543.69		
2	R & M Expenses					35.62	35.62	36.26	36.26		
3	A&G Expenses	47.56	51.74	52.22	50.51	27.48	27.48	28.22	28.22		
4	Total O&M Expenses	518.64	520.28	565.20	534.71	595.65	595.65	608.17	608.17		

Note - 1) This format is submitted consolidated for PSTCL

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Employee Expenses

S.No	Particulars	(Rs. crore)			
		2019-20	2020-21	Control Period	
		Actual (Audited)	APR	FY 2021-22	V
I	II	III	IV	V	
A	Employee Cost (Other than covered in 'C&D')				
1	Salaries	74.91			
2	Dearness Allowance (DA)	96.04			
3	Other Allowances	15.23			
4	Interim Relief / Wage Revision	-			
5	Overtime	4.91			
6	Bonus	0.05			
7	Incentive	-			
8	Engagement of man power through outsourcing agencies	32.39			
	Sub Total	223.54	209.91		214.73
B	Other Costs				
1	Medical Expenses Reimbursement	1.00			
2	Travelling Allowance (Conveyance Allowance)	-			
3	Debits, Write-offs and Any Other Items	0.76			
4	Payment Under Workman's Compensation Act	-			
5	Electricity Concession to Employees	1.54			
6	Other Staff Welfare Expenses	0.15			
7	Any Other Item (specify) - Uniform & livery expenses	-			
	Sub Total	3.44			
C	Apprentice and Other Training Expenses				
D	Contribution to Terminal Benefits				
1	Share of Earned Leave Encashment	19.58			
2	Share to Pension, Gratuity and Medical	283.17			
3	Any Other Item (specify)	-			
i	Miscellaneous - PF inspection fees, Solatium, Momen	0.45			
ii	Provision for Gartuity & leave encashment for employ	-	322.65		328.96
iii	Prior Period Adjustment related to Terminal Benefits	1.28			
2	NPS, CPF, PF, LWF	5.40			
	Sub Total	309.88			
E	Grand Total (A+B+C+D)	536.86	532.56		543.69
F	Employee Expenses Capitalized	29.05	-		-
G	Net Employee Expenses (E)-(F)	507.80	532.56		543.69

Note :

- 1) The above information is to be provided in consolidated form in case of Transmission Licensee.
- 2) PSTCL has claimed Employee Costs on actual basis. FY 2019-20 details are based on Audited accounts.

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Employee Strength

S.No	Particulars	FY 2019-20		FY 2020-21` Estimated		Control Period Projections 2021-22	
		Actuals					
		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 VII	Sanctioned Strength At The Beginning Of The Year VIII
I	II	III	IV	V	VI	VII	VIII
	Technical						
1	Class I	339	442	305	442	320	443
2	Class II	556	1100	545	1096	572	1096
3	Class III	1357	2347	1262	2344	1325	2348
4	Class IV	72	0	49	0	47	0
	Non - Technical						
1	Class I	40	61	41	61	43	61
2	Class II	131	191	130	186	137	186
3	Class III	234	588	223	586	234	586
4	Class IV	205	415	176	415	185	416
	Total	2934	5144	2731	5130	2863	5136

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Administration & General Expenses

FORM T7

(Rs. Crore)

S.No	Particulars	FY 2019-20		FY 2020-21		Control Period FY 2021-22 Projected
		Actual (Audited Accounts)	III	Estimated	IV	
I	II					V
	1 Lease/ Rent	0.83				
	2 Insurance	0.05				
	3 Revenue Stamp Expenses Account	0.00				
	4 Telephone, Postage, Telegram & Telex Charges	0.42				
	5 Incentive & Award to Employees/Outsiders	0.00				
	6 Consultancy Charges	0.18				
	7 Technical Fees	0.00				
	8 Other Professional Charges	0.00				
	9 Conveyance and Travelling Expenses	6.79				
	10 License and Registration Fees	0.00				
	11 Vehicle Expenses (Other Than Trucks and Delivery Vans)	0.00				
	Vehicles Running Expenses Petrol and Oil	0.00				
	Hiring of Vehicles	0.00				
	12 Debits, Write-offs and Any Other Items	8.27				
	Sub Total 'A' (1 to 12)	0.51				
	1 Fee and Subscription for Books and Periodicals	0.28				
	2 Printing and Stationery Expenses	0.10				
	3 Advertisement Expenses (Other than Purchase Related) Exhibition & Demo.	0.00				
	4 Contributions/Donations to Outside Institutes / Associations	15.78				
	5 Electricity Charges of Offices and Water Charges	3.28				
	6 Material related expenses	0.06				
	7 Hospitality	1.61				
	8 Miscellaneous Expenses (specify details)	21.62				
	Sub-Total 'B' (1 To 8)	0.31				
C.	Legal Fee/Charges	0.06				
D.	Auditor's Fee	0.00				
	1 Vehicle Running Expenses Truck / Delivery Van	0.00				
	2 Vehicle Hiring Expenses Truck / Delivery Van	0.00				
	3 Other Freight	0.00				
	4 Transit Insurance	0.00				
	5 Octroi	0.00				
	6 Incidental Stores Expenses	0.00				
	7 Fabrication Charges	0.00				
	Sub Total 'E' (1 To 7)	0.00				
F.	Direction And Supervision Charges	0.50				
G.	Annual license fee and tariff determination fee payable to PSERC	30.77				
	Grand Total (A To G)	3.95				
H.	Total Charges Chargeable To	26.82		27.48		28.22

Note :

- The above information is to be provided in consolidated form in case of Transmission Licensee.
- PSTCL has claimed R&M and A&G Expenses combined on normative basis for FY 2019-20 and FY 2020-21. The actual R&M Expenses for FY 2019-20 submitted based on audited accounts.

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Form T8

Repair & Maintenance Expenses - Transmission Business

S.No.	Particulars	(Rs. Crore)		
		FY 2019-20 Actual	FY 2020-21 Estimated	Control Period FY 2021-22
I	II	III	IV	V
1	Plant and Machinery	23.59		
A	Sub-Stations	-		
	i) 440 kV	-		
	ii) 220 kV	-		
	iii) 132 kV	-		
B	Others	-		
2	Buildings	2.92		
3	Civil Works	1.22		
4	Lines	2.31		
	i) 440 kV	-		
	ii) 220 kV	-		
	iii) 132 kV	-		
	iv) Cables	-		
5	Vehicles	0.25		
6	Furniture and Fixtures	0.01		
7	Office Equipments	0.03		
8	Station Supplies	-		
9	Maintenance by private agencies	-		
10	Any other item (specify)	-		
11	Total R&M Expenses	30.33		
12	R&M Expenses Capitalized	0.19		
13	Net R&M Expense (11-12)	30.14	34.97	35.50

Note: PSTCL has claimed R&M and A&G Expenses combined on normative basis for FY 2019-20 and FY 2020-21. The actual R&M Expenses for FY 2019-20 submitted based on audited accounts.

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Form T9

Repair & Maintenance Expenses - SLDC

S.No.	Particulars	(Rs. Crore)		
		FY 2019-20 Actual III	FY 2020-21 Estimated IV	Control Period FY 2021-22 V
I	II			
1	Plant and Machinery	0.44		
2	Building	0.04		
3	Civil Works	-		
4	Lines	-		
5	Vehicles	0.01		
6	Furniture and Fixtures	0.00		
7	Office Equipments	0.01		
8	Station Supplies	-		
9	Maintenance by private agencies	-		
10	Any other item (specify)	-		
11	Total R&M Expenses	0.50		
12	R&M Expenses Capitalized	-		
13	Net R&M Expenses (11-12)	0.50	0.64	0.76

Note: PSTCL has claimed R&M and A&G Expenses combined on normative basis for FY 2019-20. The actual R&M Expenses for FY 2019-20 submitted based on audited accounts.

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Fixed Assets & Provision for Depreciation

Rs. crore)

Asset Description	Opening Balance as on 01.04.2019				Previous Year FY 2019-20 (Fixed Asset excluding asset created through Consumer Contribution and Govt. Grant (upto 90% Value))				Total amount of Original Cost of Fixed Assets eligible for Depreciation			
	Opening Original Cost of Fixed Assets as on 01.04.2019 (Rs. in Crores) (A)	Opening Original Cost of Fixed Assets created through Govt. Grant (90%) (Rs. in Crores) (B1)	Opening Original Cost of Fixed Assets - Others (i.e. Excluding Consumer Contribution and Govt. Grant) Eligible for Depreciation (Rs. in Crores) (A-B-B1)	Rate of depreciation applied for charging depreciation during FY 2019-20	Opening Original Cost of Fixed Assets - Others (i.e. Excluding Consumer Contribution and Govt. Grant) Eligible for Depreciation (Rs. in Crores)	Addition of Fixed Assets created through consumer contribution during FY 2019-20	Addition of Fixed Assets created through Govt. Grant (90%) during FY 2019-20	Amount of Fixed Assets created through Govt. Grant not received (i.e. 10%) eligible for depreciation during FY 2019-20		Addition of Fixed Assets - Others (i.e. Excluding Consumer Contribution and Govt. Grant) made during FY 2019-20	Trf from Assets not in use (i.e. Re-used) during FY 2019-20 (Addition of Old Assets)	Disposal/Withdrawal due to Sale/PSPCL/ Assets Trf to Assets not in use during FY 2019-20
Land and Land Rights	2,926.80	0.00	2,926.80		2,926.80	0.00	0.00	17.55	0.00	0.00	0.00	2,944.35
Buildings	225.63	0.18	223.56		223.56	0.00	0.00	0.06	12.48	0.00	0.00	236.11
Other Civil Works	5.82	0.00	5.82	Mentioned	5.82	0.00	0.00	0.00	0.99	0.00	0.00	6.80
Plant and Machinery	3,525.16	1.48	3,508.36	against each	3,508.36	0.29	0.63	0.00	159.70	31.24	-8.90	3,691.02
Line and Cable Networks	3,092.79	0.00	3,042.45	respective	3,042.45	0.00	0.00	0.00	108.56	0.00	0.00	3,151.01
Vehicles	7.35	0.00	7.35	asset	7.35	0.00	0.00	0.00	3.43	0.00	0.00	10.28
Furniture and Fixture	4.62	0.00	4.62		4.62	0.00	0.00	0.00	0.15	0.00	0.00	4.77
Office Equipment	7.98	0.00	7.98		7.98	0.00	0.00	0.00	0.02	0.00	0.00	7.98
Total Group Head 10	9,796.16	3.36	9,726.95	0.00	9,726.95	0.29	0.69	0.69	302.88	31.24	-9.43	10,052.33
Asset Not in use - Idle/Repairable (Detail attached in Separate Sheet)	34.31	0.00	34.31		34.31	0	0	0.00	0	-31.24	-3.08	0.26
Grand Total as per PPE (Note No. 3)	9,830.47	3.36	9,761.26	0.00	9,761.26	0.29	0.69	0.69	302.88	0.00	-12.51	10,052.58

Note: In addition to above Tangible Assets, Detail of Intangible Assets and amortization thereof is also depicted in Asset wise chart, if such type details required then same may be taken from that chart.

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Depreciation charged During the year											
Asset Description	Depreciation charged on all other assets (i.e. Excluding Consumer Contribution and Govt. Grant upto 90%) including depreciation on 10% value of asset created against Govt. Grant During FY 2019-20	Depreciation charged on asset created through Consumer Contribution During FY 2019-20	Depreciation charged on assets created through Govt. Grant (90%) During FY 2019-20	Depreciation charged on assets created through Govt. Grant (10% Value) During FY 2019-20	Depreciation charged on assets created through Govt. Grant (90% Value) During FY 2019-20	Accumulated Depreciation on Assets Trf from (Le Re-used) during FY 2019-20 (Addition of Accumulated Dep on Old Assets)	Accumulated Depreciation on Disposal/Withdrawal of Assets due to Sale/PSPCL/ Assets Trf to Assets not in use during FY 2019-20	Adjusted Accumulated Depreciation for the year 2019-20 on assets which are eligible for depreciation (Excluding contribution and Govt. Grant upto 90% value)	Accumulated Depreciation on Opening Assets - Others (i.e. Excluding Consumer contribution and Govt. Grant) eligible for depreciation as on 01.04.2019	Accumulated Depreciation on Opening Assets - Others (i.e. Excluding Consumer contribution and Govt. Grant) eligible for depreciation as on 31.03.2020	Net Balance of Assets eligible for depreciation at the end of the year as on 31.03.2020
Land and Land Rights	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.33	2,944.02
Buildings	6.20	0.01	0.09	0.01	0.08	0.00	0.00	6.20	84.27	90.47	145.63
Other Civil Works	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.21	1.43	1.64	5.16
Plant and Machinery	147.14	0.82	0.19	0.02	0.17	16.83	-5.31	158.66	1,515.46	1,674.12	2,016.90
Line and Cable Networks	137.40	2.66	0.00	0.00	0.00	0.00	0.00	137.40	1,046.42	1,185.83	1,965.18
Vehicles	0.36	0.00	0.00	0.00	0.00	0.00	-0.45	-0.09	5.58	5.49	4.80
Furniture and Fixture	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.25	2.24	2.50	2.27
Office Equipment	0.33	0.00	0.00	0.00	0.00	0.00	-0.02	0.32	5.92	6.24	1.75
Total Group Head 10	292.25	3.48	0.28	0.03	0.25	16.83	-5.78	303.30	2,863.32	2,966.61	7,085.71
Asset Not in use - Idle/Repairable (Detail attached in Separate Sheet)	0.00	0.00	0.00	0.00	0.00	-16.83	-2.77	-19.60	19.60	0.00	0.26
(Grand Total as per PPE Note No. 3)	292.25	3.48	0.28	0.03	0.25	0.00	-8.55	283.69	2,882.92	2,966.61	7,085.97

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Expenses for SLDC Fees & Charges

Sr. No.	Particulars	Previous Year 2019-20			Current Year 2020-21			Control Period 2021-22		
		Contracted Capacity/ Energy (MW/MU)	Rate (Rs./MW or Paise/Unit)	Amount (Rs.) Crore	Contracted Capacity/ Energy (MW/MU)	Rate (Rs./MW or Paise/Unit)	Amount (Rs.) Crore	Contracted Capacity/ Energy (MW/MU)	Rate (Rs./MW or Paise/Unit)	Amount (Rs.) Crore
I	II	III	V	VII	VIII	IX	XI			
A	PSPCL	13205.71	-	16.57	13,228.30	-	16.90	14,334.59	-	21.69
B	Open Access Customers Connected to Transmission/Distribution System									
1	a) Long Term Customers	35 MW (Contracted capacity)/82.2 .95 (Energy purchased under Open Access)	Rs. 1550/MW/Month	0.0229658	35 MW	Rs. 1083.30/MW /Month (i.e. SLDC Operating Charges) (w.e.f. 01.06.2020)	487655.000	35 MW	Rs. 1083.30/MW/Month (i.e. SLDC Operating Charges) (w.e.f. 01.06.2020)	454986.000
2	b) Medium Term Customers	-	-	-	0.85	01.06.2020)	4604.025	0.85	-	11049.66
3	c) Short Term Customers	10.9 MW (Contracted capacity under Open Access)/ 18.365 MU (Energy Wheeled) *	SLDC Operating Charges	0.24	10.05 MW	Rs. 2000/per day or part of the day for each transaction	0.25	10.05 MW	Rs. 2000/per day or part of the day for each transaction	0.25
					35 MW (already granted under LTA)		0.006			
			NOC/Applicati on Fee**	0.10		Rs. 10,000/- (For Inter-State) & Rs. 5000/- for Intra-State	0.07		Rs. 10,000/- (For Inter-State) & Rs. 5000/- for Intra-State	0.07

* Only includes capacity of 2 no. Intra-State Generating Plants, who have wheeled power under Open Access for Captive use. Actual energy figures pertaining to Winsome Yarns Ltd. are in KVAH instead of KWH (taken as KWH for calculation)

** Also includes application fee of Open Access consumers, who have renewed their annual consent but not purchased/scheduled any power under Open Access.

*** Figures under Long Term Access are based on LTA granted to Northern Railway for purchase of upto 35 MW power, which have been operationalized w.e.f. 24.11.2019 onwards. Further, Northern Railway is also availing STOA w.e.f. 30.06.2020 onwards for purchase of power through power exchange (with total quantum of 35 MW, already granted under LTA). Thus, total quantum granted under LTA & STOA is 35 MW. Hence figures showing under LTA/STOA (Inter-State) pertains to Northern Railway figures collectively.

**** Figures under MTOA pertains to wheeling of power by Raowal MHP of Winsome Yarns limited (granted w.e.f. 09.09.2020 onwards).

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Form T12

Return on Equity

S. No	Particulars	(Rs. crore)		
		FY 2019-20 True-up	FY 2020-21 APR	Control Period Projection FY 2021-22
I				
	II	III	IV	V
1	Opening Balance of Equity	704.97	704.97	704.97
2	Net Additions during the Year	0.00	0.00	0.00
3	Closing Balance of Equity	704.97	704.97	704.97
4	Rate of Return (%)*	15.50%	15.50%	15.50%
5	ROE	109.27	109.27	109.27

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Loan master for all loans

(Rs. crore)

Particulars	FY 2019-20			FY 2020-21			FY 2021-22					
	Opening Balance II	Repayments III	Additions IV	Closing Balance V	Opening Balance VI	Repayments VII	Additions VIII	Closing Balance IX	Opening Balance X	Repayments XI	Additions XII	Closing Balance XIII
Secured Loans												
LIC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
REC	2730	257.49	58.82	2531.33	2531.33	197.35	150.00	2483.98	2483.98	113.15	190.69	2561.52
SBI	58	11.90	119.03	165.13	165.13	50.00	100.14	215.27	215.27	50.00	0.00	165.27
NABARD	203.56	18.67	3.04	187.93	187.93	18.81	10.00	179.12	179.12	18.63	0.00	160.49
PFC-2	495.57	0.00	0.00	495.57	495.57	0.00	0.00	495.57	495.57	99.12	0.00	396.45
PFC-1	20.14	0.58	0.00	19.56	19.56	1.15	0.00	18.41	18.41	3.12	0.00	15.29
Notional Loan (PSTCL)	80.77	0.00	0.00	80.77	80.77	0.00	0.00	80.77	80.77	0.00	0.00	80.77
Notional Loan (SLDC)	3.57	0.00	0.00	3.57	3.57	0.00	0.00	3.57	3.57	0.00	0.00	3.57
True-up Capex-Transmission	23.23	0.00	0.00	23.23	23.23	0.00	0.00	23.23	23.23	0.00	0.00	23.23
True-up Capex-SLDC	1.37	0.00	0.00	1.37	1.37	0.00	0.00	1.37	1.37	0.00	0.00	1.37
REC (SLDC)	7.29	0.33	0.38	7.34	7.34	1.80	2.19	7.73	7.73	2.18	2.14	7.69
Sub-total	3623.50	288.97	181.27	3515.80	3515.80	269.11	262.33	3509.03	3509.03	286.20	192.83	3415.66
Unsecured Loans												
PSPCL	7.59	0.00	0.00	7.59	7.59	1.90	0.00	5.69	5.69	0.95	0	4.74
GPF	87.82	14.64	0.00	73.18	73.18	29.28	0.00	43.90	43.90	21.95	0	21.95
Sub-total	95.41	14.64	0.00	80.77	80.77	31.18	0.00	49.59	49.59	22.90	0.00	26.69
Grand Total	3718.91	303.61	181.27	3596.57	3596.57	300.29	262.33	3558.62	3558.62	309.10	192.83	3442.35

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Form T14

Year-wise (FY 2019-20, FY2020-21 and FY 2021-22) Capital Expenditure

Details of Capital Expenditure-scheme-wise										Source of Financing for Capex At the beginning of Year (Rs. Crore)						Source of Financing for Capex During the Year (Rs. Crore)						Capital Expenditure at the Start of Year (Rs. Crore)					
Name of scheme/ Project	Nature of Project	Year of Start	Approved Capex in previous years /previous Control Period	Cumulative expenditure till beginning of the Control Period/year	Capex during the Year	Total Capex till end of the Year	Source of Financing for Capex At the beginning of Year (Rs. Crore)						Source of Financing for Capex During the Year (Rs. Crore)						Capital Expenditure at the Start of Year (Rs. Crore)								
							Capital Subsidies/ grants component (as applicable)	Consumer Contribution component (as applicable)	Net capex required	Equity Infused	Loan Amount	Capital Subsidies/ grants component (as applicable)	Consumer Contribution component (as applicable)	Net capex required	Equity Infused	Loan Amount	Capital Subsidies/ grants component (as applicable)	Consumer Contribution component (as applicable)	Net capex required	Equity Infused	Loan Amount	Equipment and machinery	IEDC	Interest Expenses	Other item of Expense	Total	
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII	XIX	XXII	XXIII	XXIV	XXV					

Format as submitted in Annexure -1

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Form T14

Year-wise (FY 2019-20, FY 2020-21 and FY 2021-22) Capital Expenditure

Capital Expenditure During Year					Capital Expenditure at the End of Year (Rs. Crore)					Transfer to GFA					
Equipment s and machinery	IEDC	Interest Expenses	Other Item of Expense	Total	Equipment s and machinery	IEDC	Interest Expenses	Other Item of Expense	Total	Equipment s and machinery	IEDC	Interest Expenses	Other Item of Expense	PSDF	Total
XXIV	XXV	XXVIII	XXIX	XXX	XXXI	XXXII	XXXV	XXXVI	XXXVII	XXXVIII	XXXIX	XLII	XLIII		XLIV

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Capital Works in Progress

(Rs. crore)

S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
A	Unforeseen Expenditure on works on 2018-19						3.00	3.00		0.00	2.00	2.00		0.00
B										0.00				0.00
8	400 kV Dhuri Sub Station									0.00				0.00
9	220 kV Goindwal Sahib-Botianwala DC line									0.00				0.00
10	220 kV Rajpura-Devigarh DC line									0.00				0.00
11	220 kV Nakodar-Rehanajattan DC line									0.00				0.00
12	220 kV Mukatsar-Kotkapura DC line									0.00				0.00
13	220 kV Makhu-Algon DC line									0.00				0.00
14	220 kV Makhu-Rashiana DC line									0.00				0.00
15	220 kV Abohar-Malout DC line									0.00				0.00
19	220 kV Nakodar- Ladowal DC line									0.00				0.00
20	LILO of one ckt of Humbran - Ferozpur Road Ludhiana line at Ladowal									0.00				0.00
21	220 kV S/S Ladowal(New)									0.00				0.00
23	220 kV S/S Kotla Jangan									0.00				0.00
24	220 kV S/S Maur (U/G from 132 kV)									0.00				0.00
29	220 kV S/S Kanjali									0.00				0.00
33	220 kV S/S Ablawal									0.00				0.00
36	132 kV S/S Ekalgadda									0.00				0.00
37	132 kV G.T. Road Amritsar									0.00				0.00
38	132 kV Power Colony Amritsar									0.00				0.00

As submitted in Annexure - 1

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
39	Bus Bar Protection scheme for 45 no S/Stns. (90% funding Under Power System Development Fund (PSDF), 10% amount accounted for in FY 2017-18						1.00	1.82		-0.82	0.00	0.00		-0.82
44	220 kV S/Stn Badhmi Kalan (U/G from 132 kV)									0.00				0.00
46	220 kV S/Stn Alawalpur (U/G from 132 kV)									0.00				0.00
47	LILO of one ckt. of 220 kV S/Stn BBMB, Jalandhar - 220 kV S/Stn Pong DC line (ckt-3) at 220 kV S/Stn Alawalpur									0.00				0.00
49	220 kV S/Stn Amlah									0.00				0.00
50	220 kV S/Stn Mansa									0.00				0.00
54	NIPES Systems for 31 no. 220 kV, 100 MVA T/Fs									0.00				0.00
55	400 kV S/S Mukatsar									0.00				0.00
56	132 kV Verpal-Mall Mandi Line									0.00				0.00
58	220 kV S/S Mukatsar									0.00				0.00
59	Truck - Trailer									0.00				0.00
60	220 kV S/S Derabassi						1.00	4.25		-3.25	0.00	0.00		-3.25
61	132 kV Shanar- Kangra- Pathankot line with new ACSR wolf conductor									0.00				0.00
62	400 kV S/Stn. Makhu						22.00	0.00		22.00	5.00	29.60		-2.60
63	Transmission System for 400 kV Rajpura Thermal Plant									0.00				0.00
64	Transmission system for 400 kV Talwandi Sabo Thermal Plant									0.00				0.00
65	Automation of 5 no. 220 kV Sub Stations									0.00				0.00
66	132 kV S/S Tanda									0.00				0.00
69	220 kV Nurmehal									0.00				0.00

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S. No.	Particulars	FY 2019-20			FY 2020-21			FY 2021-22						
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance				
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
70	LILO of 2nd ckt. of 400 kV S/S PGCIL Jalandhar-220 kV S/S Kotla Jagan (Nakodar) line at 220 kV S/S Kartarpur									0.00				0.00
72	Power System Development Fund (PSDF) scheme for second source of Battery at 220 and 132 kV S/stn. (90% funding Under PSDF, 10% amount accounted for in FY 2017-18)									0.00				0.00
74	132 kV S/Stn Malout									0.00				0.00
75	220 kV S/Stn Bangan									0.00				0.00
77	LILO of 220 kV line from 220 kV S/Stn Himmatpura to 220 kV S/Stn Jagraon at 220 kV S/Stn Ajitwal.									0.00				0.00
78	220 kV S/Stn Ajitwal									0.00				0.00
79	220 kV S/Stn Ferozepur Rd. Ludhiana									0.00				0.00
82	220 kV S/Stn Majitha													
84	220 kV S/Stn Bangan									0.00				0.00
85	220 kV S/Stn Patran									0.00				0.00
86	220 kV S/Stn Jadla (U/G from 132 kV)									0.00				0.00
88	220 kV S/S Rashiana									0.00				0.00
89	220 kV S/S Dhandhari Kalan 1 and 2						4.50	8.73		-4.23	0.00			-4.23
90	220 kV S/S Sahnewal						0.18	2.50		-2.32	0.00			-2.32
102	New Civil Works in respect of 5 no. stores such as sheds, plinths and Boundary walls etc.						3.80	3.80		0.00	0.00			0.00
104	Procurement of Hardwares, Server, Furniture, IT Space renovation (Civil Works) & Unforeseen Capital Expenditure						1.15	0.00		1.15	0.55			1.70
107	220 kV S/Stn Sadiq						0.31	8.81		-8.50	0.00			-8.50

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
		III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
I	Peak Period													
108	220 kV S/Stn Bajakhana						0.31	8.86		-8.55	0.00	0.00		-8.55
110	220 kV S/Stn Ghubaya						0.31	8.81		-8.50	0.00	0.00		-8.50
111	220 kV S/Stn Talwandi Bhai									0.00				0.00
112	220 kV S/Stn Chogawan									0.00				0.00
113	220 kV S/Stn Badal									0.00				0.00
114	220 kV S/Stn Dasuya									0.00				0.00
115	220 kV S/Stn Badhni Kalan (U/G from 132 kV)									0.00				0.00
116	220 kV S/Stn Banga (U/G from 132 kV)						2.50	12.17		-9.67	0.00	0.00		-9.67
117	LILO of 220 kV Jadla - Jamsher SC line at 220 kV S/Stn Banga (Proposed)									0.00				0.00
119	220 kV Line bays at 220 kV S/Stn Banga (Proposed)						0.30	1.30		-1.00	0.00	0.00		-1.00
120	220 kV S/Stn Sherpur (Focal Point) (U/G from 66 kV grid with 220 kV side GIS and 66 kV side Conventional)						4.30	14.20		-9.90	0.00	0.00		-9.90
121	LILO of both ckt. of 220 kV S/Stn Jamalpur - 220 kV S/Stn Dhandari Kalan-I line at 220 kV S/Stn Sherpur (Focal Point)						1.00	3.00		-2.00	0.00	0.00		-2.00
123	220 kV S/Stn Budhlada (U/G from 66 kV)						8.08	0.00		8.08	11.00	24.08		-5.00
124	220 kV S/Stn Mansa - 220 kV S/Stn Budhlada DC Line						6.72	0.00		6.72	9.00	18.22		-2.50
125	220kv S/S Alawalpur									0.00				0.00
126	220 kV S/S Patran									0.00				0.00
128	400 kV S/Stn Doraha (New at Village Dhanansu)						8.00	0.00		8.00	12.00	0.00		20.00
129	LILO of one ckt. of 400 kV Jalandhar-Kurukshetra D/C line at 400 kV Dhanansu (Quad Moose)						5.00	0.00		5.00	5.00	0.00		10.00
130	(i) 400 kV Bays (ii) 220 kV Bays at 400 kV S/Stn Doraha						7.00	0.00		7.00	8.00	0.00		15.00

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S. No.	Particulars	FY 2019-20					FY 2020-21					FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance		
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV		
131	220 kV Banur-Mohali (GMADA) DC line					2.06	2.06	0.00		2.06	1.00	3.06		0.00		
132	220 kV DC line from 400 kV Grid near Doraha to 220 kV Kohara					2.00	2.00	0.00		2.00	4.00	0.00		6.00		
133	220 kV DC line from 400 kV Grid near Doraha to 220 kV Doraha					2.00	2.00	0.00		2.00	4.00	0.00		6.00		
134	220 kV DC line from 400 kV Grid near Doraha to 220 kV Ikolaha					2.00	2.00	0.00		2.00	4.00	0.00		6.00		
135	220 kV Bays (2Nos. at 220 kV Ikolaha, 2 Nos. at Doraha, 2Nos. at Kohara (220 kV bus) and 2 no. ICT bays					2.00	2.00	0.00		2.00	4.56	0.00		6.56		
136	LILO of 220 kV S/Stn Mansa - Sunam (SC) at 400 kV S/Stn Patran (220 kV bus).					10.00	10.00	0.00		10.00	10.00	0.00		20.00		
137-140	1. Aug/Strengthening of bus bars 2. Extension in Switchyard buildings, Provision for AC etc. 3. Provision for Reactive Compensation 4. Addition of bays/system strengthening required on account of RE generation					2.00	2.00	0.00		2.00	1.00	12.16		-9.16		
141	Replacement of 11 kV VCBS with SCADA Compliant VCBS at various sub stations in the city of Ludhiana, Jalandhar & Amritsar									0.00				0.00		
142	Replacement of Disc Insulators of 400 kV PSTCL lines with Polymer Insulators					15.00	15.00	0.00		15.00	20.00	0.00		35.00		

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S. No.	Particulars	FY 2019-20					FY 2020-21					FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance		
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV		
143	220 kV DC line from 220 kV S/Stn Gaunsgarh to 220 kV S/Stn Ladhawal.			14.05			1.00			-13.05	0.00			-13.05		
144	220 kV S/Stn Alawalpur									0.00				0.00		
145	220 kV S/Stn Maur									0.00				0.00		
146	220 kV Sahnewal									0.00				0.00		
147	220 kV S/Stn Kharar									0.00				0.00		
148	220 kV S/Stn Lalru									0.00				0.00		
149	220 kV S/Stn Tibber									0.00				0.00		
150	220 kV S/Stn Udhoke									0.00				0.00		
151	220 kV S/Stn Hoshiarpur									0.00				0.00		
152-155	1. Aug/Strengthening of bus bars 2. Extension in Switchyard buildings, Provision for AC etc. 3. Provision for Reactive Compensation 4. Addition of bays/ system strengthening required on account of RE generation			19.98			4.37			-15.61	0.00			-15.61		
163	132 kV Samadh Bhai			1.20			0.60			-0.60	0.00			-0.60		
164	132 kV Pathankot			1.50			0.20			-1.30	0.00			-1.30		
166	220 kV S/Stn Bhawanigarh			7.47			6.00			-1.47	0.00			-1.47		
167	220 kV S/Stn Jadia			7.44			6.00			-1.44	0.00			-1.44		
168	220 kV S/Stn Botianwala (Thatha Sahib)			10.25			8.10			-2.15	0.00			-2.15		
169	220 kV S/Stn Majitha			7.59			6.00			-1.59	0.00			-1.59		
170	132 kV S/Stn Pathankot			0.26			0.21			-0.05	0.00			-0.05		
171	132 kV ICC, Bathinda			0.00			0.00			0.00	0.00			0.00		
172-175	1. Aug/Strengthening of bus bars 2. Extension in Switchyard buildings, Provision for AC etc. 3. Provision for Reactive Compensation 4. Addition of bays/ system strengthening required on account of RE generation			51.68			10.72			-40.96	0.00			-40.96		

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
176	Replacement of Existing conductor of 220 kV Mohali-I - Mohali-II line		10.00	0.00	0.00	10.00					10.96	0.00		20.96
177	220 kV S/Stn Fazilka (U/G from 66 kV)		5.80	0.00	0.00	5.80					10.00	0.00		15.80
178	400 kV S/Stn Mukatsar - 220 kV S/Stn Fazilka 220 kV DC line		5.00	0.00	0.00	5.00					15.00	0.00		20.00
179	220 kV Bays		2.78	0.00	0.00	2.78					2.00	5.28		-0.50
180	220 kV DC line from 400 kV Jalandhar (PGCIL) to 220 kV Kartarpur		10.00	0.00	0.00	10.00					16.00	0.00		26.00
182	Un-foreseen emergency works										0.00	0.00		0.00
1a	132 kV Faridkot -Kotkapur-2 SC link (Amendment no. 16 / 2018-19)		3.05	0.00	0.00	3.05					5.08	0.00		8.13
1b	2no. 132 kV line bays (one at each end)		0.49	0.00	0.00	0.49					0.29	0.00		0.78
2a	132 kV Sihora-132 kV Seh SC line		3.15	0.00	0.00	3.15					5.25	0.00		8.40
2b	2no. 132 kV line bays (one at each end)		0.49	0.00	0.00	0.49					0.29	0.00		0.78
3a	400 KV S/Stn Nakodar (2x315 MVA, 400/220 KV) (Amendment no. 43 / 2018-19)		7.05	0.00	0.00	7.05					4.23	0.00		11.28
3b	Cost of dismantlement of 1x315 MVA, 400/220 KV ICT at 400 KV Nakodar		0.25	0.00	0.00	0.25					0.15	0.00		0.40
4a	220 KV S/S Beas (new) in the premises of Radha Soani Satsang Beas. (Amendment no. 01 / 2019-20)		7.72	0.00	0.00	7.72					7.86	0.00		15.58

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
		III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
I	Peak Period													
4b	220 KV S/S Beas (new) in the premises of Radha Soami Satsang Beas. (Amendment no.01/2019-20)						1.28	0.00		1.28	0.77	0.00		2.06
4c	220 KV line bays						1.17	0.00		1.17	0.70	0.00		1.87
4d	132 KV Bays						5.27	0.00		5.27	7.36	0.00		12.63
4e	400 KV FGCIL Jalandhar - 220 KV Beas (New) line.						2.37	0.00		2.37	2.62	0.00		4.99
4f	220 KV Beas (New) - 220 KV Butari line.						2.74	0.00		2.74	2.85	0.00		5.59
4g	132 KV Beas - 132 KV Ekalgada line.						0.24	0.00		0.24	0.15	0.00		0.39
4i	(i) 2 Nos. 132KV towers dismantlement & 3 Nos. towers to be erected.						0.35	0.00		0.35	0.21	0.00		0.56
4k	(ii) Conversion of 132KV Tarn Taran - Butari T-off at Ekalgada into 132 KV Tarn Taran - Butari LILo at 132KV Ekalgada.						0.00	0.00		0.00	0.00	0.00		0.00
5	400 KV Rajpura-220 KV Bassi Pathana DC Link. (Amendment no. 13 /2019-20)						7.43	0.00		7.43	4.46	0.00		11.90
	4no. 220 KV Bays						2.56	0.00		2.56	1.54	0.00		4.10
	220 KV Side bus extension arrangement to be made at 400 KV Rajpura for providing suitable space for 2 Nos 220 kV Bays						0.05	0.00		0.05	0.03	0.00		0.08
6	Solar system on roof top.						3.00	0.00		3.00	3.00	0.00		6.00
7	OPGW						13.00	0.00		13.00	10.00	0.00		23.00
8	220 kv Patti						7.00	0.00		7.00	0.54	8.54		-1.00
9	220 kv Ferozepur road Ludhaiana						7.00	0.00		7.00	0.54	8.54		-1.00
10							14.06	0.00		14.06	4.14	20.20		-2.00
11	220 kv Dhandari Kalan 2						0.40	0.00		0.40	0.30	1.00		-0.30
12							0.80	0.00		0.80	0.60	2.00		-0.60

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
1	1 No. 400KV ICT bay, 1 No. 400 KV Tie bay, 1 No. 400 KV Future bay, 1 No. 220 KV ICT bay at 400 KV Rajpura. Amendment No. 20/ 2018-19		12.00	0.00		12.00	0.00	0.00		12.00	8.00	0.00		20.00
2	Termination of direct link 220 KV between Lalton Kalan Sahnewal (Amendment no. 18 / 2018-19)		0.02			0.00	0.02			0.00	0.00			0.00
3	400KV, 200MW Permanent Power to Guru Gobind Singh Polymer Addition Project- HPCL Mittal Energy Limited. (Amendment no. 21 (ii,iii & iv) / 2018-19)		5.00			5.00	0.00			5.00	14.00			19.00
			4.00			4.00	0.00			4.00	6.00			10.00
			0.00			0.00	0.00			0.00	0.00			0.00
			4.64			4.64	0.00			4.64	5.73			10.37
			2.13			2.13	0.00			2.13	1.60			3.72
			4.17			4.17	0.00			4.17	6.88			11.05
			2.13			2.13	0.00			2.13	1.60			3.72
			0.00			0.00	0.00			0.00	0.00			0.00
			0.00			0.00	0.00			0.00	0.00			0.00
			0.00			0.00	0.00			0.00	0.00			0.00
1			8.29			8.29	0.00			8.29	8.47			16.75
2			2.80			2.80	0.00			2.80	18.60			21.40
3			2.00			2.00	0.00			2.00	5.50			7.50
4			2.00			2.00	0.00			2.00	3.96			5.96
5			0.00			0.00	0.00			0.00	2.40			2.40
6			5.50			5.50	0.00			5.50	10.13			15.63
7			0.00			0.00	0.00			0.00	13.50			13.50
8			3.00			3.00	0.00			3.00	2.25			5.25
9			0.00			0.00	0.00			0.00	0.00			0.00
10			0.00			0.00	0.00			0.00	0.00			0.00
11			3.28			3.28	3.28			0.00	0.00			0.00
12			4.00			4.00	0.00			4.00	3.44			0.00
13			2.00			2.00	0.00			2.00	1.28			0.00
14			10.00			10.00	0.00			10.00	10.00			20.00
15			0.00			0.00	0.00			0.00	0.00			0.00
16			0.00			0.00	0.00			0.00	0.00			0.00
17			0.00			0.00	0.00			0.00	0.00			0.00
18			10.00			10.00	0.00			10.00	10.00			20.00

220 KV Cahindraah S/c /New

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
19	Grid in the near by area of						2.00	0.00		2.00	2.00	0.00		4.00
20	existing 220 KV S/s Gobindgarh-						2.00	0.00		2.00	2.00	0.00		4.00
21	1). Including SAS for RS 1cr.						1.00	0.00		1.00	1.00	0.00		2.00
22							1.00	0.00		1.00	1.00	0.00		2.00
23	220 KV Nawarpind (new grid						10.00	0.00		10.00	10.00	0.00		20.00
24	in the premises of 66 KV S/s						0.50	0.00		0.50	0.50	0.00		1.00
25	Nawarpind)Including SAS for						2.00	0.00		2.00	2.00	0.00		4.00
26	RS 1cr.						0.30	0.00		0.30	0.30	0.00		0.66
27							1.00	0.00		1.00	1.00	0.00		2.00
28	Additional link						0.10	0.00		0.10	0.05	0.15		0.00
29	Augmentation/additions of						5.00	0.00		5.00	5.00	0.00		10.00
	transformers at 220/132kv level.													
30	New 220 kv Giaspura including						5.00	0.00		5.00	7.50	0.00		12.50
	SAS of RS 1 cr.													
31	New 220 kv Jhoke Harike						5.00	0.00		5.00	7.50	0.00		12.50
	including SAS of RS 1 cr.													
32	220 kv Gurdaspur including						1.53	0.00		1.53	1.15	0.00		2.67
33	SAS of RS 1 cr						5.07	0.00		5.07	7.55	0.00		12.62
34							2.11	0.00		2.11	4.58	0.00		6.69
35	220 kv Dhaleke(GIS) including						5.39	0.00		5.39	11.54	0.00		16.93
36	SAS of RS 1 cr						0.86	0.00		0.86	0.64	0.00		1.50
37							0.16	0.00		0.16	0.12	0.00		0.29
38	220 kv Swadi Kalan						0.30	0.00		0.30	0.30	0.00		0.60
39	i) 220 KV Sighawal						37.96	0.00		37.96	28.47	0.00		66.43
40	ii) 220 KV Abohar													
41	iii) 220 KV Passiana													
42	iv) 220 KV Dhuri													
43	v) 220 KV Mohali - I													
44	vi) 220 KV Banur													
45	vii) 220 KV Khassa													
46	viii) 220 KV Algon													
47	ix) 220 KV Mahlipur													
48	x) 220 KV Kartarpur													
49	xi) 220 KV Badsahpur													
50	xii) 220 KV Butari													
51	xiii) 220 KV Udhoke													
52	xiv) 220 KV Pakhowal													
53	xv) 220 KV Jagraon													
54	xvi) 220 KV Himmatpura													
55	xvii) 220 KV Kohara													
56	xviii) 220 KV Doraha													

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
		III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
I	Peak Period													
57	xix) 220 KV Baghapurana													
58	xx) 132KV SmadhBhai													
59	xxi) 132KV Faridkot													
60	xxii) 132KV Ferozshah													
61	xxiii) 132KV Manasingh Wala													
62	xxiv) 132KV Jallalabad													
63	xxvi) 132KV Kathunagal													
64	xxvii) 132KV Bhikhiwind													
65	xxviii) 132KV Shri													
66	Hargobindpur													
67	xxx) 132KV Phillour													
68	xxxii) 132KV Bilaspur													
69	xxxiii) 132KV Tangra													
	Augmentation of bus bars, extension in control room building, providing room for second source for station battery etc.		7.00				7.00	0.00		7.00		0.00		14.00
70	Additional 220/132/66 KV line bays related with feasibility cases or as per PSPCL requirement.		10.00				10.00	0.00		10.00		0.00		18.00
71	Second source of battery at various 220/132 KV S/s of PSTCL		1.50				1.50	0.00		1.50		0.00		3.00
72	90 nos PSTCL grids (220 KV) to be provided with SAS. Report already sent for PSDF funding if approved, these stations will be upgraded.		20.00				20.00	0.00		20.00		0.00		55.00
73	Digitization of existing 220 KV S/s Passiana.		0.50				0.50	0.00		0.50		1.10		0.00

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
74	Replacement of existing conductor of 220 KV Gobindgarh - 400KV Rajpura (DC), 220 KV Kohara - 400 KV Dhanansu (DC), 220 KV Kohara - Sahnewal (B) (SC) with HTLS of suitable capacity.		20.00	0.00				0.00		20.00	40.00	0.00		60.00
75	Additional of 14 No T/f on account of making (N-1) complaint system for those grids where only one T/f existing (Annexure-C).		25.00	0.00			25.00	0.00		25.00	25.00	0.00		50.00
76	132 KV S/s Kotkapura-I		3.31				3.31	3.31		0.00	0.00	0.00		0.00
77	132 KV works Bilaspur.		2.46				2.46	2.46		0.00	0.00	0.00		0.00
78	132 KV Nawanshahar.		3.31				3.31	3.31		0.00	0.00	0.00		0.00
79	132 KV Kapurthala.		3.31				3.31	3.31		0.00	0.00	0.00		0.00
80	132 KV Susun.		2.46				2.46	2.46		0.00	0.00	0.00		0.00
81	132 KV Panjraian.		2.46				2.46	2.46		0.00	0.00	0.00		0.00
82	132 Baluana.		2.46				2.46	2.46		0.00	0.00	0.00		0.00
83	IGC Bathinda (Aug)		4.92				4.92	4.92		0.00	0.00	0.00		0.00
84	132 KV Gholian Kalan.		3.31				3.31	3.31		0.00	0.00	0.00		0.00
85	LILO of 132 KV Verka - Mal mandi SC line at 220 KV S/s Nawarpind (132 KV bus) LILO length = 1 KM appx. DC on DC.		0.25				0.25	0.00		0.25	0.50	0.00		0.75
86	Augmentation of 132 KV Nawarpind - Verka, 5 KM (0.2sq") and 132 KV Nawarpind - Malmandi (5KM 0.2sq") with suitable HTLS conductor.		1.00				1.00	0.00		1.00	2.00	0.00		3.00
87	Augmentation of 132 KV GGSSTP - Asron) 6 KM 0.2sq") and 132 KV GGSSTP - Ropar (19.76 KM) 0.2sq".		1.50				1.50	0.00		1.50	7.00	0.00		8.50

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
	CE/ P&M Agenda No. 145/2017-18 dtd 20.09.17. Best Practices recommended by Protection Sub Committee of NRPC in operation & construction of Sub Stations						5.00	0.00		5.00	5.00	0.00		10.00
89	132kv GT Road Amritsar &						3.00	0.00		3.00	8.00	0.00		11.00
90	132kv Sakatari Bagh Asr						0.50	0.00		0.50	0.50	1.00		0.00
91	OPGW link between SKPP- RSD- 220kv Sarna & SKPP- 220kv Sarna						3.50	0.00		3.50	3.50	7.00		0.00
92	Unforeseen emergency works						5.00	0.00		5.00	5.00	0.00		10.00
93	To Modernise the hotline work by use of Diagnostic techniques to decrease the outage in transmission system of PSTCL.						10.00	13.00		-3.00	0.00	0.00		-3.00
94	To provide SAS based DRs and ELs at six 220KV S/stns as per requirements of IEGC and SGC and comply with 3rd party protection audit by CPRI.						1.00	0.00		1.00	2.50	3.50		0.00
95	To provide DRs and ELs in 220KV S/stns of PSTCL to comply with IEGC, SGC and 3rd party protection audit by CPRI.						1.50	0.00		1.50	5.00	0.00		6.50
96	To procure testing Equipment to check healthiness of OPGW channels and Ethernet Switch Network in Substation automation.						0.25	0.35		-0.10	0.00	0.00		-0.10
97	Tan-Delta Measurement Set (7 No.)						2.25	2.25		0.00	0.00	0.00		0.00

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
98	Tan Delta and Resistive kit for testing of Transformer oil.						0.40	0.40		0.00	0.00	0.00		0.00
99	PT/CVT testing kit for ODTL						0.35	0.35		0.00	0.00	0.00		0.00
100	Remote Control Operation of 400KV S/Stns Mukhtsar, Nakodar and Makhu						0.00	0.00		0.00	1.50	1.50		0.00
101	Insulation Tester for new Substations (25 No.)						0.00	0.00		0.00	1.25	1.25		0.00
102	Online partially discharge monitoring kit equipment for 400 KV ICT at 400KV S/s.(14 No.)						5.00	0.00		5.00	5.00	0.00		10.00
103	CRM- Contact Resistance measurement meter for maintenance gang						0.90	0.90		0.00	0.00	0.00		0.00
104	Upgrading of 2 No. 3 Phase Relay testing kits of 400KV protection Hub and SAP Hub with CMGPS (testing kit synchronising equipment and software) for end to end testing as per recommendation of 3rd party protection audit alongwith advance teaspaly software.						0.00	0.00		0.00	0.00	0.00		0.00
105	Loader cum Crane for Anritsar Circle						0.50	0.50		0.00	0.00	0.00		0.00
106	Mobile oil filtration sets under P&M Circle (4 No., 6KL/H)						1.00	1.00		0.00	0.00	0.00		0.00
107	Construction of Security Huts at 220/132KV Sub stations.						2.77	2.77		0.00	0.00	0.00		0.00
108	Refixing of UC Fencing at top toe wall to safeguard yard area from fire.						6.00	0.00		6.00	6.00	0.00		12.00

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S. No.	Particulars	FY 2019-20				FY 2020-21				FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
109	Providing Plinths for 2 sets(20 Nos) of ERS-Emergency Restoration System Towers at 400KV S/S Rajpura,Nakodar and 220KV Muktsar		0.50				0.50	0.50		0.00	0.00			0.00
110	Providing RCC Roads in 220KV S/S to facilitate movement of heavy vehicle loaded with equipment.		4.50				4.50	0.00		4.50	2.50			7.00
111	Providing PCC in the yard area in 220KV S/s		3.00				3.00	0.00		3.00	3.50			6.50
112	Providing AC and Furniture at kangra Rest House		0.15				0.15	0.15		0.00	0.00			0.00
	Grand Total (Transmission)		632.27				256.13			376.14	621.47		160.90	836.70
	SLDC													
	Scheme for providing 45 nos. Remote Terminal Units for SCADA/EMS system at 220 & 132 KV Substations of PSTCL in Punjab		0.48				7.87			-7.39	0.00			-7.39
	Procurement/Replacment of RTUs for various substations of PSTCL		7.81				0.00			7.81	3.41			11.22
	Centralised AC system, Furniture & Fixtures (including office ACs)		1.46				0.00			1.46	0.14			1.60
	IT equipments including Server, computer, Displays, software etc. for SLDC, Web site and its offices		0.24				0.00			0.24	0.07			0.31
	Implementation of SAMAST scheme in Punjab (Procurement of meters, communication equipments and Harware and software for Scheduling, Accounting, Metering and settlement of transaction of Electricity)		12.17				0.00			12.17	11.33			23.50

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S. No.	Particulars	FY 2019-20					FY 2020-21					FY 2021-22				
		Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance		
I	Peak Period	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV		
	Extension of SLDC Building						1.22	0.00		1.22	0.71	1.93				
	OPGW laid by PGCIL under package V on turnkey basis						1.83	0.00		1.83	2.13	0.00	3.96			
	TOTAL (SLDC)						25.21	7.87		17.34	17.79	1.93	33.20			

Note :

1. The above information is to be provided in consolidated for Licensee.
2. The capex and capitalisation of FY 2020-21 and FY 2021-22 is taken as submitted in projection of capex of 2nd control period of FY 2020-21 to FY 2022-23 during MYT order for the same period. However, actual capex would be limited to Rs. 400 Crore for both FY 2020-21 and FY 2021-22 and capitalisation would be Rs. 148.05 Crore and Rs. 168.07 Crore as approved by the Commission on the same.

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Interest and Finance Charges

S. No.	Loan Source	Rate of Interest (%)			Interest Due (Rs. Crore)		
		FY 2019-20	FY 2020-21	Control Period	FY 2019-20	FY 2020-21	Control Period
I	II	III	IV	V	VIII	IX	X
A	Secured Loans						
1	LIC				0.00	0.00	0.00
2	REC	10.26%	10.07%	10.07%	270.03	252.45	253.97
3	SBI	10.06%	10.90%	10.90%	11.22	20.72	20.73
4	NABARD	10.13%	9.99%	9.99%	19.83	18.34	16.97
5	PFC-2	9.73%	9.73%	9.73%	48.20	48.20	43.38
5a	PFC-1	9.99%	9.92%	9.92%	1.98	1.88	1.67
6	Notional Loan (PSTCL)	10.15%	10.14%	10.05%	8.20	8.19	8.12
7	Notional Loan (SLDC)	10.15%	10.14%	10.05%	0.36	0.36	0.36
8	True-up Capex-Transmission	10.15%	10.15%	10.15%	2.36	2.36	2.36
9	True-up Capex-SLDC	10.15%	10.15%	10.15%	0.14	0.14	0.14
9	REC (SLDC)	10.25%	10.17%	10.17%	0.75	0.77	0.78
10	Sub-total				363.07	353.41	348.47
B	Unsecured Loans						
1	PSPCL				0.00	0.00	0.00
2	GPF	7.74%	10.25%	10.25%	6.23	6.00	3.37
3	Sub-total				6.23	6.00	3.37
C	Grand Total (A+B)				369.30	359.41	351.85
D	Other Interest & Finance Charges						
1	Cost of raising Finance / Bank Charges				6.41	5.51	4.04
2	Interest on Security Deposit				0.00	0.00	0.00
3	Penal Interest Charges				0.00	0.00	0.00
4	Lease Rentals				0.00	0.00	0.00
5	Sub Total				6.41	5.51	4.04
E	Grand Total of Interest & Finance Charges (C+D)				375.71	364.92	355.89
F	Less: Interest & Finance Charges Capitalised				21.01	34.32	41.14
G	Net Interest & Finance Charges (E-F)				354.70	330.60	314.75

Note :

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

Net Prior Period Expenses / Income

S.No.	Particulars	(Rs. Crore)		
		2019-20 Actual	FY 2020-21 Estimated	Control Period Projection FY 2021-22
I	II	III	IV	V
A	Income Relating to Previous Period			
1	Interest income relating to prior period	-	-	-
2	Income Tax relating to prior period	-	-	-
3	Excess Provision for Depreciation	-	-	-
4	Excess Provision for Interest and Finance Charges	-	-	-
5	Receipts from Consumers	-	-	-
6	Other Excess Provisions	-	-	-
7	Other Income	-	-	-
	Sub Total A	-	-	-
B	Expenditure Relating to Previous Period			
1	Power Purchase	-	-	-
2	Operating Expenses	-	-	-
3	Excise Duty on Generation	-	-	-
4	Employee Cost	1.28	-	-
5	Depreciation	-	-	-
6	Interest and Finance Charges	-	-	-
7	A&G Expenses	-	-	-
8	Withdrawal of Revenue Demand	-	-	-
9	Material Related	-	-	-
10	Others	-	-	-
	Sub-Total B	1.28	-	-
	Net Prior Period Credit/(Charges) : A-B	1.28	-	-

Note :

1. Prior period expenses are Nil

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Form T18

Details of Expenses Capitalised

S.No.	Particulars	(Rs. Crore)				
		FY 2019-20		FY 2020-21		Control Period Projection
		Actual	III	Estimated	IV	
I	II					V
1	Interest & Finance charges Capitalised	21.01		34.32		41.14
2	Employee Expenses Capitalised	29.05		-		-
3	A&G Expenses Capitalised	3.95		-		-
4	R&M Expenses Capitalised	0.19		-		-
5	Any Other Expenses	-		-		-
	Grand Total	54.20		34.32		41.14

Note :

- Expenses capitalised are submitted for FY 2018-19 based on audited accounts
- R&M and A&G Expenses are considered on normative basis. Hence, no

Form T19

Debits, Write-offs and Any Other Items

		(Rs. Crore)			
S. No	Particulars	FY 2019-20	FY 2020-21	Control	
		Actual III	Estimated IV	Period Projection FY 2021-22 V	
I	II				
1	Material Cost Variance	-			
2	Miscellaneous Losses and Written Off	56.40	-	-	
3	Provision for value of obsolete stores	-	-	-	
4	Provision for losses under investigation	-	-	-	
5	Loss on sale of fixed assets		-	-	
6	Prior period adjustment				
7	Sub Total	56.40	-	-	
8	Less Chargeable to Capital Expenses	-	-		
9	Net Chargeable to Revenue	56.40	-	-	

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Key Characteristics of the Transmission Utility

S.No	Particulars	Previous year FY 2019-20				Current Year FY 2020-21				Control Period Projections							
		Actual				(Actual in H1)				(Projected in H2)				Projected			
		At the start of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year
1	Length of lines (ckt-km)																
	a) 400 kV	1599.75	0.00	0.00	1599.75	0.00	0.00	1599.75									
	i) Single Circuit	329.00	0.00	0.00	329.00	0.00	0.00	329.00									
	ii) Double Circuit	1270.75	0.00	0.00	1270.75	0.00	0.00	1270.75									
	b) 220 kV	7141.88	500.25	0.00	7642.13	71.28	-55.75	7657.67									
	i) Single Circuit	4189.79	91.07	0.00	4280.86	0.00	-55.75	4225.11									
	ii) Double Circuit	2952.09	409.19	0.00	3361.27	71.28	0.00	3432.56									
	c) 132 kV	3135.64	0.00	0.00	3135.64	0.00	-14.24	3121.40									
	i) Single Circuit	2536.32	0.00	0.00	2536.32	0.00	-14.24	2522.08									
	ii) Double Circuit	599.32	0.00	0.00	599.32	0.00	0.00	599.32									
Total	11877.27	500.25	0.00	12377.52	71.28	-69.99	12378.82	185	0	12563.818	232.469	0	12796.29				
2	Number of Sub-Stations																
	i) 400 kV	5.00	0.00	0.00	5.00	0.00	0.00	5.00									
	ii) 220 kV	100.00	1.00	0.00	101.00	0.00	0.00	101.00									
	iii) 132 kV	66.00	0.00	-1.00	65.00	0.00	0.00	65.00									
	Total	171.00	1.00	-1.00	171.00	0.00	0.00	171.00	2.00	-1.00	174.00	2.00	-1.00	176.00			
3	Number of Bays																
	a) Number of Incoming Bays at																
	i) 400 kV Sub-Station	62.00	10.00	0.00	72.00	0.00	0.00	72.00									
	ii) 220 kV Sub-Station	669.00	34.00	0.00	703.00	2.00	0.00	705.00	40.00	0.00	745.00	12.00	0.00	757.00			
iii) 132 kV Sub-Station	505.00	0.00	0.00	505.00	3.00	0.00	508.00	6.00	0.00	514.00	0.00	0.00	514.00				
4	No. of Transformers at																
	i) 400 kV Sub-Station	11.00	1.00	0.00	12.00	0.00	0.00	12.00	1	0	13.00	2	0	15.00			
	ii) 220 kV Sub-Station	434.00	3.00	0.00	437.00	5.00	0.00	442.00	8	0	450.00	13	0	463.00			
	iii) 132 kV Sub-Station	183.00	0.00	-3.00	180.00	0.00	0.00	180.00	3	0	183.00	9	0	192.00			
	Total	628.00	4.00	-3.00	629.00	5.00	0.00	634.00	12	0	646.00	24	0	670.00			
5	Transformation Capacity (MVA) of																
	i) 400 kV Sub-Station	4390.00	500.00	0.00	4890.00	0.00	0.00	4890.00	500.00	0	5390.00	1000.00	0	6390.00			
	ii) 220 kV Sub-Station	27705.50	735.00	0.00	28440.50	604.00	0.00	29044.50	600.00	0	29644.50	1260.00	0	30904.50			
	iii) 132 kV Sub-Station	4394.17	0.00	-16.00	4378.17	2.50	0.00	4380.67	50.00	0	4430.67	100.00	0	4530.67			
Total	36489.67	1235.00	-16.00	37708.67	606.50	0.00	38315.17	1150	0	39465.17	2360	0	41825.17				
4	Intra State Transmission Losses (%)																

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S.No	Particulars	Previous year FY 2019-20			Current Year FY 2020-21			Control Period Projections					
		Actual			(Actual in H1)			(Projected in H2)					
		At the start of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year	Additions during the year	Withdrawal from service	At the end of year		
5	Availability (%)												
	a) 400 kV Lines				100.00		100.00				99.99		99.99
	i) Single Circuit				99.99		99.90				99.99		99.99
	ii) Double Circuit												
	b) 220 kV lines												
	i) Single Circuit				99.96		99.83				99.99		99.99
	ii) Double Circuit				99.91		99.80				99.99		99.99
	c) 132 kV Lines												
	i) Single Circuit				99.98		99.78				99.99		99.99
	ii) Double Circuit				99.92		99.92				99.99		99.99
	d) Transformers												
	i) 400 kV Sub-Station				99.99		99.99				99.99		99.99
	ii) 220 kV Sub-Station				99.96		99.96				99.99		99.99
	iii) 132 kV Sub-Station				99.98		99.95				99.99		99.99
	e) SVCs												
	f) Bus Reactors						99.63				99.99		99.99
6	Number of Meters												
	(a) Total no. interface points with Gencos												
	i) No. of interface points with ABT compliant meters												
	ii) No. of interface points with non-ABT compliant meters												
	iii) No. of interface points without meters												
	b) Total no. interface points with Discoms												
	i) No. of interface points with ABT compliant meters												
	ii) No. of interface points with non-ABT compliant meters												
	iii) No. of interface points without meters												
	Total												
7	Employee Strength												
	Technical												
	Non- Technical												
8	Total												

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Form T21

Normative Parameters

Particulars	Unit	FY 2019-20	Years of the Control	
			FY 2020-21	FY 2021-22
I	II	III	IV	V
Rate of Return on Equity	%	15.50%	15.50%	15.50%
Target Availability	%	99.00%	99.00%	99.00%
Normative O&M Expenses for WC	in Month	1.00	1.00	1.00
Spares for WC as % of O&M	%	15%	15%	15%
Receivables in Months for WC	Months	2.00	2.00	2.00

J 357

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)
1	PSPCL Own THERMAL					
1.1	GNDTP, Bathinda	0.00	11.00%	0.00	100.00%	0.00
1.2	GGSTP, Ropar	840.00	8.50%	768.60	100.00%	768.60
1.3	GHTP, Lehra Mohabbat	920.00	8.50%	841.80	100.00%	841.80
1.4	Total	1760.00		1610.40		1610.40
2	PSPCL Own HYDRO					
2.1	Shannan	110.00	2.00%	107.80	100.00%	107.80
2.2	UBDC	91.35	0.80%	90.62	100.00%	90.62
	RSD Net Share					
	Less 20% J&K and 4.6%					
2.3	HP share from RSD	452.40	1.00%	447.88	100.00%	447.88
2.4	ASHP	134.00	0.65%	133.13	100.00%	133.13
2.5	MHP	225.00	1.00%	222.75	100.00%	222.75
2.6	Micro Hydel	3.30	0.00%	3.30	100.00%	3.30
2.7	Total	1016.05		1005.47		1005.47
3	PSPCL share from BBMB	1133.20	0.50%	1127.53		1127.53
4	Independent Power Producers (IPPs) within Punjab (Private Sector Projects)					
4.1	Nabha TPP (NPL)	1400.00	5.71%	1320.06	100.00%	1320.06

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)
4.2	Talwandi Sabo TPP (TSPL)	1980.00	7.00%	1841.40	100.00%	1841.40
4.3	GVK	540.00	9.00%	491.40	100.00%	491.40
4.4	Total	3920		3652.86		3652.86
5	PSPCL Share from Central Sector					
5.1	Farakka STPS	1600.00	6.78%	1491.50	0.00%	0.00
5.2	Kahalgaoon-I	840.00	9.00%	764.40	0.00%	0.00
5.3	Tala	1020.00	1.00%	1009.80	2.94%	29.69
5.4	Kahalgaoon-II STPS	1500.00	6.25%	1406.25	8.02%	112.78
5.5	Singrauli STPS	2000.00	7.13%	1857.40	10.00%	185.74
5.6	Rihand STPS-I	1000.00	8.00%	920.00	11.00%	101.20
5.7	Rihand STPS Stage-II	1000.00	6.25%	937.50	10.20%	95.63
5.8	Unchahar-I	420.00	9.00%	382.20	8.57%	32.75
5.9	Unchahar-II	420.00	9.80%	378.84	14.28%	54.10
5.10	Unchahar-III	210.00	9.00%	191.10	8.10%	15.48
5.11	Anta GPS	419.00	2.75%	407.48	11.69%	47.63
5.12	Auraiya GPS	663.00	2.75%	644.77	12.52%	80.72
5.13	Dadri NCGPS	830.00	2.75%	807.18	15.90%	128.34
5.14	NAPS	440.00	10.50%	393.80	11.59%	45.64
5.15	RAPP B	440.00	10.50%	393.80	22.73%	89.51
5.16	RAPP C	440.00	10.50%	393.80	10.41%	40.99
5.17	Bairasiul HPS	180.00	1.20%	177.84	46.50%	82.70
5.18	Salal HPS	690.00	1.00%	683.10	26.60%	181.70
5.19	Rampur HEP	412.02	1.00%	407.90	5.62%	22.92
5.20	Nathpa Jhakri HPS	1500.00	1.20%	1482.00	10.13%	150.13

J 359

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)
5.21	Tehri Stage-I	1000.00	1.20%	988.00	7.70%	76.08
5.22	Dulhasti HEP	390.00	1.20%	385.32	8.28%	31.90
5.23	Tanakpur HPS	94.00	1.20%	92.87	17.93%	16.65
5.24	Chamera HPS-I	540.00	1.20%	533.52	10.20%	54.42
5.25	Parbati-III HEP	520.00	1.20%	513.76	7.86%	40.38
5.26	Dhauliganga HEP	280.00	1.20%	276.64	10.00%	27.66
5.27	Chamera HPS-II	300.00	1.20%	296.40	10.00%	29.64
5.28	Sewa-II HEP (3 Units)	120.00	1.20%	118.56	8.33%	9.88
5.29	Uri-I HPS	480.00	1.20%	474.24	13.75%	65.21
5.30	Uri-II HPS	240.00	1.20%	237.12	8.13%	19.28
	Indira Gandhi STPS					
5.31	Jhajjar	1500.00	5.75%	1413.75	0.00%	0.00
5.32	Koteshwar HEP	400.00	1.00%	396.00	6.36%	25.19
5.33	Rihand-III	1000.00	6.25%	937.50	8.27%	77.50
5.34	Koldam	800.00	1.00%	792.00	7.73%	61.22
5.35	Dadri-II	980.00	5.75%	923.65	0.00%	0.00
5.36	Chamera-III	231.00	1.20%	228.23	7.86%	17.93
5.37	Unchahar-IV	500.00	6.25%	468.75	0.00%	0.00
5.38	Singrauli SHEP	8.00	1.00%	7.92	0.00%	0.00
5.39	Kishanganga	330.00	1.20%	326.04	0.00%	0.00
5.40	Meja	660.00	6.25%	618.75	3.64%	22.52
5.41	Durgapur TPS (DVC)	1000.00	5.75%	942.50	20.00%	188.50
	Raghunathpura RTPS					
5.42	(DVC)	1200.00	5.75%	1131.00	25.00%	282.75
5.43	Pragati-III(Bawana)PPCL	1371.00	2.75%	1333.30	10.00%	133.33
5.44	MALANA-2 (PTC)	100.00	1.30%	98.70	88.00%	86.86
5.45	SASAN Ultra Mega Project	3960.00	6.00%	3722.40	15.00%	558.36

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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)
5.46	MUNDRA Ultra mega proje	4000.00	5.00%	3800.00	12.50%	475.00
5.47	Bokaro Thermal Power BT	500.00	5.75%	471.25	40.00%	188.50
5.48	Tanda Stage-II	660.00	5.75%	622.05	0.00%	0.00
5.49	Karcham Wangtoo (PTC)	1000.00	1.20%	988.00	20.00%	197.60
5.50	NVVN Solar Power	37.00	0.00%	37.00	100.00%	37.00
5.51	SECI Solar Power	30.00	0.00%	30.00	100.00%	30.00
5.52	SECI-Wind Power	350.00	0.00%	350.00	100.00%	350.00
5.53	Total	40605.02		38685.87		4601.03
6	Grand Total	48434.27		46082.14		11997.29

Year : FY 2020-21

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)
1	PSPCL Own THERMAL					
	GNDTP, Bathinda	0	11.00%	0	100.00%	0
	GGSTP, Ropar	840	8.50%	768.6	100.00%	768.6
	GHTP, Lehra Mohabbat	920	8.50%	841.8	100.00%	841.8
	Total	1760		1610.4		1610.4
2	PSPCL Own HYDRO					
	Shannan	110	2.00%	107.8	100.00%	107.8
	UBDC	91.35	0.80%	90.6192	100.00%	90.6192
	RSD Net Share	452.4	1.00%	447.876	100.00%	447.876
	ASHP	134	0.65%	133.129	100.00%	133.129

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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)
	MHP	225	1.00%	222.75	100.00%	222.75
	Micro Hydel	3.3	0.00%	3.3	100.00%	3.3
	Total	1016.05		1005.4742		1005.4742
	PSPCL share from					
3	BBMB	1133.2	0.50%	1127.534		1127.534
	4 Independent Power Producers (IPPs) within Punjab (Private Sector Projects)					
	Nabha TPP (NPL)	1400	5.71%	1320.06	100.00%	1320.06
	Talwandi Sabo TPP (TSPL)	1980	7.00%	1841.4	100.00%	1841.4
	GVK	540	9.00%	491.4	100.00%	491.4
	Total	3920		3652.86		3652.86
	5 PSPCL Share from Central Sector					
	Farakka STPS	1600	6.78%	1491.5	0.00%	0
	Kahalgaoon-I	840	9.00%	764.4	0.00%	0
	Tala	1020	1.00%	1009.8	2.94%	29.68812
	Kahalgaoon-II STPS	1500	6.25%	1406.25	8.02%	112.78125
	Singrauli STPS	2000	7.13%	1857.4	10.00%	185.74
	Rihand STPS-I	1000	8.00%	920	11.00%	101.2
	Rihand STPS Stage-II	1000	6.25%	937.5	10.20%	95.625
	Unchahar-I	420	9.00%	382.2	8.57%	32.75454
	Unchahar-II	420	9.80%	378.84	14.28%	54.098352
	Unchahar-III	210	9.00%	191.1	8.10%	15.4791
	Anta GPS	419	2.75%	407.4775	11.69%	47.63411975
	Auraiya GPS	663	2.75%	644.7675	12.52%	80.724891
	Dadri NCGPS	830	2.75%	807.175	15.90%	128.340825
	NAPS	440	10.50%	393.8	11.59%	45.64142
	RAPP B	440	10.50%	393.8	22.73%	89.51074

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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)
	RAPP C	440	10.50%	393.8	10.41%	40.99458
	Bairasiul HPS	180	1.20%	177.84	46.50%	82.6956
	Salal HPS	690	1.00%	683.1	26.60%	181.7046
	Rampur HEP	412.02	1.00%	407.8998	5.62%	22.92396876
	Nathpa Jhakri HPS	1500	1.20%	1482	10.13%	150.1266
	Tehri Stage-I	1000	1.20%	988	7.70%	76.076
	Dulhasti HEP	390	1.20%	385.32	8.28%	31.904496
	Tanakpur HPS	94	1.20%	92.872	17.93%	16.6519496
	Chamera HPS-I	540	1.20%	533.52	10.20%	54.41904
	Parbati-III HEP	520	1.20%	513.76	7.86%	40.381536
	Dhauliganga HEP	280	1.20%	276.64	10.00%	27.664
	Chamera HPS-II	300	1.20%	296.4	10.00%	29.64
	Sewa-II HEP (3 Units)	120	1.20%	118.56	8.33%	9.876048
	Uri-I HPS	480	1.20%	474.24	13.75%	65.208
	Uri-II HPS	240	1.20%	237.12	8.13%	19.2825984
	Indira Gandhi STPS Jhajja	1500	5.75%	1413.75	0.00%	0
	Koteswar HEP	400	1.00%	396	6.36%	25.1856
	Rihand-III	1000	6.25%	937.5	8.27%	77.503125
	Koldam	800	1.00%	792	7.73%	61.2216
	Dadri-II	980	5.75%	923.65	0.00%	0
	Chamera-III	231	1.20%	228.228	7.86%	17.92959168
	Unchahar-IV	500	6.25%	468.75	0.00%	0
	Singrauli SHEP	8	1.00%	7.92	0.00%	0
	Kishanganga	330	1.20%	326.04	0.00%	0
	Meja	660	6.25%	618.75	3.64%	22.5225
	DVC -Durgapur	1000	5.75%	942.5	20.00%	188.5
	DVC RTPS 1&2	1200	5.75%	1131	25.00%	282.75
	Pragati-III(Bawana)CCGT	1371	2.75%	1333.2975	10.00%	133.32975
	MALANA-2 (PTC)	100	1.30%	98.7	88.00%	86.856

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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)
	SASAN Ultra Mega Project	3960	6.00%	3722.4	15.00%	558.36
	MUNDRA UMPP	4000	5.00%	3800	12.50%	475
	Bokaro Thermal Power BT	500	5.75%	471.25	40.00%	188.5
	Tanda Stage-II	660	5.75%	622.05	0.00%	0
	KARCHAM (PTC)	1000	1.20%	988	20.00%	197.6
	NV/N Solar Power	37	0.00%	37	100.00%	37
	SECI Solar Power	30	0.00%	30	100.00%	30
	SECI-Wind Power	350	0.00%	350	100.00%	350
	Total	40605.02		38685.8673		4601.025541
	Grand Total					
6	(Transmission Capacity)	49665.28		47313.1455		13228.30374

Year : FY 2021-22

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)
1	PSPCL Own THERMAL					
1.1	GNDTP , Bathinda	0.00	11.00%	0.00	100.00%	0.00
1.2	GGSTP , Ropar	840.00	8.50%	768.60	100.00%	768.60
1.3	GHTP, Lehra Mohabbat	920.00	8.50%	841.80	100.00%	841.80
1.4	Total	1760.00		1610.40		1610.40
2	PSPCL Own HYDRO					
2.1	Shannan	110.00	2.00%	107.80	100.00%	107.80

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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)
2.2	UBDC	91.35	0.80%	90.62	100.00%	90.62
2.3	RSD Net Share Less 20% J&K and 4.6% HP share from RSD	452.40	1.00%	447.88	100.00%	447.88
2.4	ASHP	134.00	0.65%	133.13	100.00%	133.13
2.5	MHP	225.00	1.00%	222.75	100.00%	222.75
2.6	Micro Hydel	3.30	0.00%	3.30	100.00%	3.30
2.7	Total	1016.05		1005.47		1005.47
3	PSPCL share from BBMB	1133.20	0.50%	1127.53		1127.53

Independent Power Producers (IPPs) within Punjab (Private Sector Projects)						
4.1	Nabha TPP (NPL)	1400.00	5.71%	1320.06	100.00%	1320.06
4.2	Talwandi Sabo TPP (TSPL)	1980.00	7.00%	1841.40	100.00%	1841.40
4.3	GVK	540.00	9.00%	491.40	100.00%	491.40
4.4	Total	3920		3652.86		3652.86

PSPCL Share from Central Sector						
5.1	Farakka STPS	1600.00	6.78%	1491.50	0.00%	0.00
5.2	Kahalgaon-I	840.00	9.00%	764.40	0.00%	0.00
5.3	Tala	1020.00	1.00%	1009.80	2.94%	29.69
5.4	Kahalgaon-II STPS	1500.00	6.25%	1406.25	8.02%	112.78
5.5	Singrauli STPS	2000.00	7.13%	1857.40	10.00%	185.74
5.6	Rihand STPS-I	1000.00	8.00%	920.00	11.00%	101.20
5.7	Rihand STPS Stage-II	1000.00	6.25%	937.50	10.20%	95.63
5.8	Unchahar-I	420.00	9.00%	382.20	8.57%	32.75

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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)
5.9	Unchahar-II	420.00	9.80%	378.84	14.28%	54.10
5.10	Unchahar-III	210.00	9.00%	191.10	8.10%	15.48
5.11	Anta GPS	419.00	2.75%	407.48	11.69%	47.63
5.12	Auraiya GPS	663.00	2.75%	644.77	12.52%	80.72
5.13	Dadri NCGPS	830.00	2.75%	807.18	15.90%	128.34
5.14	NAPS	440.00	10.50%	393.80	11.59%	45.64
5.15	RAPP B	440.00	10.50%	393.80	22.73%	89.51
5.16	RAPP C	440.00	10.50%	393.80	10.41%	40.99
5.17	Bairasiul HPS	180.00	1.20%	177.84	46.50%	82.70
5.18	Salal HPS	690.00	1.00%	683.10	26.60%	181.70
5.19	Rampur HEP	412.02	1.00%	407.90	5.62%	22.92
5.20	Nathpa Jhakri HPS	1500.00	1.20%	1482.00	10.13%	150.13
5.21	Tehri Stage-I	1000.00	1.20%	988.00	7.70%	76.08
5.22	Dulhasti HEP	390.00	1.20%	385.32	8.28%	31.90
5.23	Tanakpur HPS	94.00	1.20%	92.87	17.93%	16.65
5.24	Chamera HPS-I	540.00	1.20%	533.52	10.20%	54.42
5.25	Parbati-III HEP	520.00	1.20%	513.76	7.86%	40.38
5.26	Dhauliganga HEP	280.00	1.20%	276.64	10.00%	27.66
5.27	Chamera HPS-II	300.00	1.20%	296.40	10.00%	29.64
5.28	Sewa-II HEP (3 Units)	120.00	1.20%	118.56	8.33%	9.88
5.29	Uri-I HPS	480.00	1.20%	474.24	13.75%	65.21
5.30	Uri-II HPS	240.00	1.20%	237.12	8.13%	19.28
5.31	Indira Gandhi STPS					
	Jhajjar	1500.00	5.75%	1413.75	0.00%	0.00
5.32	Koteshwar HEP	400.00	1.00%	396.00	6.36%	25.19
5.33	Rihand-III	1000.00	6.25%	937.50	8.27%	77.50
5.34	Koldam	800.00	1.00%	792.00	7.73%	61.22
5.35	Dadri-II	980.00	5.75%	923.65	0.00%	0.00
5.36	Chamera-III	231.00	1.20%	228.23	7.86%	17.93

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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)
5.37	Unchahar-IV	500.00	6.25%	468.75	0.00%	0.00
5.38	Singrauli SHEP	8.00	1.00%	7.92	0.00%	0.00
5.39	Kishanganga	330.00	1.20%	326.04	0.00%	0.00
5.40	Meja	660.00	6.25%	618.75	3.64%	22.52
5.41	Durgapur TPS (DVC)	1000.00	5.75%	942.50	20.00%	188.50
5.42	Raghunathpura RTPS (DVC)	1200.00	5.75%	1131.00	25.00%	282.75
5.43	Pragati-III(Bawana)PPCL	1371.00	2.75%	1333.30	10.00%	133.33
5.44	MALANA-2 (PTC)	100.00	1.30%	98.70	88.00%	86.86
5.45	SASAN Ultra Mega Project	3960.00	6.00%	3722.40	15.00%	558.36
5.46	MUNDRA Ultra mega proje	4000.00	5.00%	3800.00	12.50%	475.00
5.47	Bokaro Thermal Power BT	500.00	5.75%	471.25	40.00%	188.50
5.48	Tanda Stage-II	660.00	5.75%	622.05	0.00%	0.00
5.49	Karcham Wangtoo (PTC)	1000.00	1.20%	988.00	20.00%	197.60
5.50	Parbati-II	800.00	1.20%	790.40	10.00%	79.04
5.51	NVNVN Solar Power	37.00	0.00%	37.00	100.00%	37.00
5.52	SECI Solar Power	30.00	0.00%	30.00	100.00%	30.00
5.53	NTPC Solar	300.00	0.00%	300.00	100.00%	300.00
5.54	SECI Hybrid (Solar+Wind)	500.00	0.00%	500.00	100.00%	500.00
5.55	SECI-Wind Power	350.00	0.00%	350.00	100.00%	350.00
5.56	Total	42205.02		40276.27		5480.07
6	Grand Total	50034.27		47672.54		12876.33

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Energy Balance

S. No.	Particulars	Unit	FY 2019-20		FY 2020-21	Control Period Projections FY 2021-22
			Actuals	Estimated	(Upto Aug 2019)	
1	Energy Input into Transmission System					
	a) Energy from sources inside the State (G-T Interface)	MU	26,875.65	13,545.60		
	b) Energy from Sources outside the State (Inter state-intra state transmission system interface)	MU	35,588.12	23,489.64		
	c) Total (a+b)	MU	62,463.77	37,035.24		
2	Energy transmitted to Distribution Licensees (T-D Interface)	MU	60,525.01	36,012.06		
3	Energy transmitted to EHT Consumers		553.81	229.15		
4	Energy transmitted to Open Access Customers	MU	100.66	203.60	205.00	
5	Energy transmitted for Intra State Sale	MU *	*	*		
6	Total input energy of transmission license	MU	62463.77116	37035.2366		
7	Total output energy of transmission license	MU	61078.82273	36241.21		
8	Intra State Transmission Loss	%	2.217%	2.143%		

Projection of Energy Sales

A) Energy Sales/Transmitted (in MU)

S. No I	Category II	FY 2019-20	FY 2020-21	Control Period
		Actual	Estimated	FY 2021-22
		III	IV	V
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers	82	174	180
	b) Medium Term Customers	0	1	3
	c) Short Term Customers (Intra-state)	18	24	23
	Short Term Customers (Inter-State)	0	4	
5	Other Customers/Consumers	NA		
	Grand Total	100	203.6	205.0

B) Connected Load (in MVA)

S. No I	Category II	FY 2019-20	FY 2020-21	Pl Period Proj FY 2021-22
		Actual	Estimated	
		III	IV	V
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers	107	107	107
	b) Medium Term Customers	0	10	10
	c) Short Term Customers (Intra-state)	39	39	39
	Short Term Customers (Inter-State)	0	107	
5	Other Customers/Consumers	NA		
	Grand Total	146	156	156

C) Maximum or Peak Demand (in MVA)

S. No I	Category II	FY 2019-20	FY 2020-21	Pl Period Proj FY 2021-22
		Actual	Estimated	
		III	IV	V
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers	54.229	53.72	50
	b) Medium Term Customers	0	0.6	0.6
	c) Short Term Customers (Intra-state)	8	8	8
	d) Short Term Customers (Inter-State)	-	53.72	-
5	Other Customers/Consumers	NA		
	Grand Total	62	116	59

D) Minimum Demand (in MVA)

S. No I	Category II	FY 2019-20	FY 2020-21	Pl Period Proj FY 2021-22
		Actual	Estimated	
		III	IV	V
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			
3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers	Zero	Zero	Zero
	b) Medium Term Customers	Zero	Zero	Zero
	b) Short Term Customers	Zero	Zero	Zero
5	Other Customers/Consumers	NA		
	Grand Total	-	-	-

E) Average Demand (in MVA)

S. No I	Category II	FY 2019-20	FY 2020-21	Pl Period Proj FY 2021-22
		Actual	Estimated	
		III	IV	V
1	Distribution Licensees (T-D Interface)			
2	CPP Consumers Connected to Transmission System			

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Projection of Energy Sales

3	Consumers Connected to Transmission System			
4	Open Access Customers Connected to Transmission System			
	a) Long Term Customers	35	27	30
	b) Medium Term Customers	-	0	0
	c) Short Term Customers (Intra-state)	3	3	3
	d) Short Term Customers (Inter-State)	-	27	-
5	Other Customers/Consumers		NA	
	Grand Total	38	57	33

Note/Assumptions	
1	All figures are in respect of all Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all OA customers connected at 11KV, 33KV, 66KV & 132 KV and above Voltage Levels)
2	Connected Load pertains to Sanctioned Contract demand (CD) of OA consumers, who transacted during the financial year. Further, the connected load under MTOA pertains to sanctioned CD of Winsome Yarns Limited (i.e. 10 MVA) w.r.t. MTOA granted to MHP Raawal from 09.09.2020 onwards. The same has also been included under STOA (Intra-State) w.r.t. other 4 no. MHP of Winsome Yarns Limited.
3	Energy Sales/ transmitted are the Units scheduled/ wheeled in Million kWh under Open Access at customer periphery (i.e. after deducting CTU losses & State transmission & distribution losses).
4	Data of Maximum Demand in MVA is available only in case of Northern Railway and in MW in other Open Access Transactions , as all other Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
5	Data of Minimum Demand pertains to minimum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
6	Data of Average Demand in MVA is available only in case of Northern Railway, as all the Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to average quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
7	Figures under Long Term Access are based on LTA granted to Northern Railway for purchase of upto 35 MW power, which have been operationlized w.e.f. 24.11.2019 onwards. Further, Northern Railway is also availing STOA w.e.f. 30.06.2020 onwards for purchase of power through power exchange (with total quantum of 35 MW, already granted under LTA). Thus, total quantum granted under LTA & STOA is 35 MW. Hence all figures except energy sales/transmitted showing under LTA/STOA (Inter-State) pertains to Northern Railway figures collectively.
8	As the power transacted under open access depends on the market scenario changing on day to day basis, the same is unpredictable. However based on the prevailing decline in open access, figures projected for FY 2020-21 onwards have been considered on lower side depending on the current scenario.

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(A) Revenue from Intra State Wheeling of Power:

Sr. No.	Particulars	Transmission Capacity Allocated			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	Rs. Crore	Rs. Crore							
1	Distribution Licensee (T-D Interface)													
2	CPP Consumers Connected to Transmission System													
3	EHT Consumers Connected to Transmission System													
4	Open Access Customers Connected to Transmission System :													
	a) Long Term Customers	35	54,229	49,056		82,295	1,350.11						1	
	b) Medium Term Customers	0				0	0						0	
	c) Short Term Customers (Intra State)	10.9		8		18,365	0.02815						7	
	d) Short Term Customers (Inter State)	0		0		0	0						0	
80	Other Consumers													
	Grand Total													
	b) Revenue from other Charges													
Sr. No.	Particulars													
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													
	b) Medium Term Customers													
	c) Short Term Customers													
	Other Consumers													
	Grand Total													

Disclosures:

- All figures are in respect of all Open Access Customers (under Inter State as well as Intra-State Transmission), whether connected to transmission or distribution system and irrespective of voltage level (includes all Open Access Customers).
- Transmission Capacity Allocated includes Load Allowed for purchase of power, as applicable for those open access consumers, who have transacted during the year.
- Data in MVAh is not available, as all the Open Access transactions are in MW/MWh in line with prevailing Open Access Regulations issued by PSERC & CEREC. However, maximum demand data in MVA is available only in case of one Intra State Open Access consumer (Wilsome Yarn Ltd). Its data for maximum demand is not available. As such the same has been considered equal to 3 MW (with total capacity 3.9 MW).
- Maximum Demand figures for Inter 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 customer periphery).
- Units transmitted are the Units scheduled/ purchased/ wheeled under Open Access at customer periphery (i.e. after deducting CTU losses, State transmission & distribution losses).
- Revenue from Transmission Charges includes the detail of transmission charges only and do 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 projections only) and thus may vary.
- Figures under Long Term Customers are based on LTA granted to Northern Railway for purchase of upto 35 MW power, which have been operationalized w.e.f. 24.11.2019 onwards. Further, Northern Railway is also availing STOAs w.e.f. 24.11.2019 onwards.
- Open Access Consumers considered under STOAs (Intra-State) is w.r.t. no. of drawee ends (i.e. 5 no. MHPs of Wilsome Yarn Limited and 2 no. industrial units of Nohar Industrial Enterprises Limited).

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Revenue from Tariff & Charges
(A) Revenue from Intra-state Wheeling of Power:

		Control Period FY 2021-22											
Sr. No.	Particulars	Transmission Capacity Allocated MW	MVA	MW	MVAh	Units Transmitted MWh	Revenue from Transmission Charges Rs. Crore	Revenue from Reactive Energy Charges Rs. Crore	External Expense / Subsidy/ Govt support Rs. Crore	Total Realization Rs. Crore	Collection against Revenue Demand Rs. Crore	Collection Efficiency (%)	No. of Consumers
1	Distribution Licensee (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System :												
	a) Long Term Customers	35	50	45		180000	3.86247						1
	b) Medium Term Customers	0.85		0.6		2500	0.00373						1
	c) Short Term Customers (Intra State)	10.05		8		22500	0.03228						6
	d) Short Term Customers (Inter State)												
80	Other Consumers												
	Grand Total												
	b) Revenue from other Charges												
Sr. No	Particulars												
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												
	b) Medium Term Customers												
	c) Short Term Customers												
	d) Short Term Customers (Inter State)												
	Other Consumers												
	Grand Total												
	Note Assumptions												
1	All figures are in respect of all Open Access Customers												
2	Transmission Capacity Allocated includes Load Allow												
3	Data in MVAh is not available, as all the Open Access h												
4	As one Intra State Open Access consumer (Winsome Yar												
5	Maximum Demand figures for Intra State Open Access												
6	Units transmitted are the Units scheduled/ purchased/ w												
7	Revenue from Transmission Charges includes the detail												
	Further, the Actual Revenue realization figures on accou												
8	Figures under Long Term Access are based on LTA granl												
9	Open Access Consumers considered under STOA (Intra-												

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Demand in MVA (Peak)

S. No.	Particulars	FY 2019-20												March XIV			
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII					
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													36.3			
	b) Medium Term Customers														34.2		
	c) Short Term Customers																
5	Other Customers/Consumers																
	Grand Total	8	2	2	2	2	2	2	2	2	2	2	36	46	43	41	37

This information is to be provided for previous year, current year and each year of control period.

S. No.	Particulars	FY 2020-21												March XIV			
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII					
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	19.52	28.22	27.06	31.15	31.89	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00	27.00
	b) Medium Term Customers	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
	c) Short Term Customers (Intra-state)	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
	Other Customers/Consumers	0.00	0.00	27.06	31.15	31.89	-	-	-	-	-	-	-	-	-	-	-
5	Other Customers/Consumers																
	Grand Total	21.52	28.22	56.12	64.31	65.78	29.00	29.60	29.60	29.60	29.60	29.60	29.60	33.60	34.60	34.60	34.60

This information is to be provided for previous year, current year and each year of control period.

S. No.	Particulars	FY 2021-22												March XIV			
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII					
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	27	35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	b) Medium Term Customers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c) Short Term Customers	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	Other Customers/Consumers																
	Grand Total	29	37	37	37	37	37	37	37	37	37	37	37	41	42	42	42

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Demand in MVA (Peak)

Demand in MVA (Off-Peak)

S. No.	Particulars	FY 2019-20												March XIV				
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII						
1	Distribution Licensees (T-D Interface)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	CPP Consumers Connected to Transmission System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	Consumers Connected to Transmission System	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	Open Access Customers Connected to Transmission System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	a) Long Term Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b) Medium Term Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c) Short Term Customers	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	Other Customers/Consumers	8	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Grand Total	10	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

This information is to be provided for previous year, current year and each year of control period.

S. No.	Particulars	FY 2020-21												March XIV				
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII						
1	Distribution Licensees (T-D Interface)	19.89	28.06	28.73	32.57	35.65	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00	29.00
2	CPP Consumers Connected to Transmission System	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60	0.60
3	Consumers Connected to Transmission System	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	Open Access Customers Connected to Transmission System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	a) Long Term Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b) Medium Term Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c) Short Term Customers (Intra-State)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Short Term Customers (Inter-State)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Other Customers/Consumers	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Grand Total	22.26	29.78	59.46	66.81	72.96	30.66	31.26	31.60	35.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60	36.60

This information is to be provided for previous year, current year and each year of control period.

S. No.	Particulars	FY 2021-22												March XIV				
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII						
1	Distribution Licensees (T-D Interface)	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
2	CPP Consumers Connected to Transmission System	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	Consumers Connected to Transmission System	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
4	Open Access Customers Connected to Transmission System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	a) Long Term Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b) Medium Term Customers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c) Short Term Customers	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
5	Other Customers/Consumers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Grand Total	32	31	32	31	31	31	31	31	32	36	37	37	37	37	37	37	37

NOTE / Assumptions

- All figures are in respect of all Open Access Customers, whether connected to transmission or distribution system and irrespective of voltage level (includes all OA customers connected at 11KV, 33KV, 66KV)
- Demand Pertains to Average quantum of power scheduled/ purchased by open access consumer in each 15 min time-block during the off-peak period (0000 to 1800 Hrs & 2200 to 2400 Hrs) of the year (at Figures under Long Term Access are based on LTA granted to Northern Railway for purchase of upto 35 MW power, which have been operationalized w.e.f. 24.11.2019 onwards. Further, Northern Railway is Figures under MTOA Pertains to wheeling of power by Raowal MHP of Winsome Yarns limited (granted w.e.f. 09.09.2020 onwards).
- As the power transacted under open access depends on the market scenario changing on day to day basis, the same is unpredictable. However based on the prevailing decline in open access, figures projected for the Second half of FY 2020-21& onwards have been considered on lower side depending on the current scenario.

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Working Capital Requirement - Transmission Business

(□ crore)

S.No.	Particulars	FY 2019-20	FY 2020-21	Control Period Projection
		True-up	APR	FY 2021-22
I	II	III	IV	V
1	O&M Expenses			
a.	R&M Expenses	55.68	34.97	35.50
b.	A&G Expenses		26.68	27.40
c.	Employee Expenses	500.10	525.40	536.37
d.	Total (a+b+c)	555.78	587.05	599.27
e.	O&M Expenses for 1 month	46.32	48.92	49.94
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability	231.38	220.30	221.98
3	Maintenance Spares @15% of O&M Expenses	83.37	88.06	89.89
	Total Working Capital (1(e) + 2+ 3)	361.07	357.28	361.81
4	Interest Rate*	10.19%	10.19%	10.19%
5	Interest on Working Capital	36.78	36.39	36.85

* Rate of Interest is weighted average rate of interest on Working capital loans

Working Capital Requirement - SLDC

(□ crore)

S.No.	Particulars	FY 2019-20	FY 2020-21	Control Period Projection
		True-up	APR	FY 2021-22
I	II	III	IV	V
1	O&M Expenses			
a.	R&M Expenses	1.28	0.64	0.76
b.	A&G Expenses		0.80	0.81
c.	Employee Expenses	7.70	7.16	7.32
d.	Total (a+b+c)	8.98	8.60	8.90
e.	O&M Expenses for 1 month	0.75	0.72	0.74
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability	3.47	3.50	3.62
3	Maintenance Spares @15% of O&M Expenses	1.35	1.29	1.33
	Total Working Capital (1(e) + 2+ 3)	5.56	5.50	5.69
4	Interest Rate*	10.19%	10.19%	10.19%
5	Interest on Working Capital	0.57	0.56	0.58

* Rate of Interest is weighted average rate of interest on Working capital loans

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Form T28

Income from Investments and Other Non-Tariff Income- PSTCL (Transmission +SLDC)
(Rs. Crore)

S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	True-up	IV	APR	FY 2021-22
I	II	III		V	VI	
A	Income from Investment, Fixed & Call Deposits					
1	Interest Income from Investments	-	-			
2	Interest Income from Fixed Deposits	0.05	0.05			
3	Interest Income from Banks other than from Fixed Deposits	4.34	4.34			
4	Interest Income from any other source	-	-			
	Sub-Total	4.39	4.39			
		-	-			
B	Other Non-Tariff Income					
1	Interest on Loans and Advances to Staff	-	-			
2	Interest on Loans and Advances to Licensee	-	-			
3	Interest on Loans and Advances to Lessors	-	-			
4	Interest on Advances to Suppliers / Contractors	-	-			
5	Gain on Sale of Land - Additional Compensation	0.13	0.13			
6	Gain on Sale of Fixed Assets	3.67	3.67			
7	Income/Fee/Collection against Staff Welfare Activities	0.01	0.01			
8	Miscellaneous Receipts	-	-			

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	III	True-up	APR	FY 2021-22
I	II		IV	V	VI	
	Rental for staff quarters	0.36	0.36			
	Sale of tender forms	-	-			
	NOC charges from open access customers	0.17	0.17			
	Credit balance written back:	-	-			
	-Sundry creditors	0.07	0.07			
	- Other sundry credit balance	1.53	1.53			
	-Security Deposits/EMD	1.35	1.35			
	Rebate on early payment to NRLDC	0.07	0.07			
	Income from O&M of bays of PGCIL	2.67	2.67			
	Miscellaneous income	7.17	7.17			
	Operating Charges from Open Access Consumers	0.27	0.27			
	Transmission Charges from Open Access Consumers	1.39	1.39			
9	Delayed Payment Charges from Consumers	13.30	13.30			
10	Penalty imposed on suppliers/contractors	2.23	2.23			
11	Income from Other Business - Sale of Scrap	2.76	2.76			
12	Excess Provision of Income tax withdrawn	-	-			
13	Reversal of excess provision of Impairment Loss	3.29	3.29			
14	Any other income - Provisions withdrawn on unserviceable / obsolete items & losses under investigation	0.05	0.05			
	Prior Period Income	-	-			

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts) III	True-up	IV	APR V	
I	Less: Interest received on refund of Income tax	4.34	4.34			VI
	Less: Provision withdrawn on unserviceable/obsolete items & losses under investigation	0.05	0.05			
	Less: Reversal of excess provision of impairment loss	3.29	3.29			
	Less Financing Cost of Late Payment Surcharge (Applicable on Pricipal Amount of Delayed Payment)	9.04	9.04			
	Less Income from Fixed Deposits made for Letter of Credit	0.05	0.05			
	Sub-Total	23.71	23.71		-	-
	Total	28.10	28.10		40.59	33.68

Income from Investments and Other Non-Tariff Income- Transmission Business
(Rs. Crore)

S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts) III	True-up	IV	APR V	
I	Income from Investment, Fixed & Call Deposits					
A	Interest Income from Investments	-	-			VI

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	III	True-up	APR	FY 2021-22
I	II			IV	V	VI
2	Interest Income from Fixed Deposits	0.03	0.03			
3	Interest Income from Banks other than from Fixed Deposits	4.34	4.34			
4	Interest Income from any other source	-	-			
	Sub-Total	4.38	4.38			
		-	-			
		-	-			
B	Other Non-Tariff Income					
1	Interest on Loans and Advances to Staff	-	-			
2	Interest on Loans and Advances to Licensee	-	-			
3	Interest on Loans and Advances to Lessors	-	-			
4	Interest on Advances to Suppliers / Contractors	-	-			
5	Gain on Sale of Land - Additional Compensation	0.13	0.13			
6	Gain on Sale of Fixed Assets	3.67	3.67			
7	Income/Fee/Collection against Staff Welfare Activities	0.01	0.01			
8	Miscellaneous Receipts	-	-			
	Rental for staff quarters	0.32	0.32			
	Sale of tender forms	-	-			
	NOC charges from open access customers	-	-			
	Credit balance written back:					
	-Sundry creditors	0.07	0.07			
	- Other sundry credit balance	1.53	1.53			

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	III	True-up	APR	FY 2021-22
I	II		IV	V	VI	
	-Security Deposits/EMD	1.35	1.35			
	Rebate on early payment to NRLDC	-	-			
	Income from O&M of bays of PGCIL	2.67	2.67			
	Miscellaneous income	6.93	6.93			
	Operating Charges from Open Access Consumers	-	-			
	Transmission Charges from Open Access Consumers	1.39	1.39			
9	Delayed Payment Charges from Consumers	13.25	13.25			
10	Penalty imposed on suppliers/contractors	2.23	2.23			
11	Income from Other Business - Sale of Scrap	2.76	2.76			
12	Excess Provision of Income tax withdrawn	-	-			
13	Reversal of excess provision of Impairment Loss	3.29	3.29			
14	Any other income - Provisions withdrawn on unserviceable / obsolete items & losses under investigation	0.05	0.05			
	Prior Period Income	-	-			
	Less: Interest received on refund of Income tax	4.34	4.34			
	Less: Provision withdrawn on unserviceable/obsolete items & losses under investigation	0.05	0.05			

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	True-up	IV	APR	
I	II				V	VI
	Less: Reversal of excess provision of impairment loss	3.29	3.29			
	Less Financing Cost of Late Payment Surcharge (Applicable on Pricipal Amount of Delayed Payment)	9.00	9.00			
	Less Income from Fixed Deposits made for Letter of Credit	0.03	0.03			
	Sub-Total	22.94	22.94		-	-
	Total	27.32	27.32		39.81	32.90

Income from Investments and Other Non-Tariff Income- SLDC

S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	True-up	IV	APR	
I	II				V	VI
A	Income from Investment, Fixed & Call Deposits					
1	Interest Income from Investments	-	-			
2	Interest Income from Fixed Deposits	0.02	0.02			

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	III	True-up	APR	FY 2021-22
I	II		IV	V	VI	
3	Interest Income from Banks other than from Fixed Deposits	-	-	-		
4	Interest Income from any other source	-	-	-		
	Sub-Total	0.02	0.02			
		-	-	-		
B	Other Non-Tariff Income	-	-	-		
1	Interest on Loans and Advances to Staff	-	-	-		
2	Interest on Loans and Advances to Licensee	-	-	-		
3	Interest on Loans and Advances to Lessors	-	-	-		
4	Interest on Advances to Suppliers / Contractors	-	-	-		
5	Gain on Sale of Land - Additional Compensation	-	-	-		
6	Gain on Sale of Fixed Assets	-	-	-		
7	Income/Fee/Collection against Staff Welfare Activities	-	-	-		
8	Miscellaneous Receipts	-	-	-		
	Rental for staff quarters	0.04	0.04			
	Sale of tender forms	-	-	-		
	NOC charges from open access customers	0.17	0.17			
	Credit balance written back:	-	-	-		
	-Sundry creditors	-	-	-		
	- Other sundry credit balance	-	-	-		
	-Security Deposits/EMD	-	-	-		

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	True-up	IV	V	FY 2021-22
I	II					VI
	Rebate on early payment to NRLDC	0.07	0.07			
	Income from O&M of bays of PGCIL	-	-			
	Miscellaneous income	0.23	0.23			
	Operating Charges from Open Access Consumers	0.27	0.27			
	Transmission Charges from Open Access Consumers	-	-			
9	Delayed Payment Charges from Consumers	0.05	0.05			
10	Penalty imposed on suppliers/contractors	-	-			
11	Income from Other Business - Sale of Scrap	-	-			
12	Excess Provision of Income tax withdrawn	-	-			
13	Reversal of excess provision of Impairment Loss	-	-			
14	Any other income - Provisions withdrawn on unserviceable / obsolete items & losses under investigation	-	-			
	Prior Period Income	-	-			
	Less: Interest received on refund of Income tax	-	-			
	Less: Provision withdrawn on unserviceable/obsolete items & losses under investigation	-	-			
	Less: Reversal of excess provision of impairment loss	-	-			

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S. No.	Particulars	FY 2019-20		FY 2019-20	FY 2020-21	Control Period Projection
		Actual (Audited Accounts)	True-up	APR	FY 2021-22	
I	II	III	IV	V	VI	
	Less Financing Cost of Late Payment Surcharge (Applicable on Pricipal Amount of Delayed Payment)	0.03	0.03			
	Less Income from Fixed Deposits made for Letter of Credit	0.02	0.02			
	Sub-Total	0.77	0.77	-	-	
	Total	0.78	0.78	0.78	0.78	

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Contributions, Grants and Subsidies towards Cost of Capital Assets- Transmission
(Rs. Crore)

S. No	Particulars	FY2019-20			FY 2020-21		Control Period Projection	
		Actual			Estimated		FY 2021-22	
		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
	II	IV	V	VI	VII	VIII	IX	
1	Consumer Contribution Towards Cost of Capital Assets	63.48	0.29	63.77	40.36	104.13	30.50	134.63
2	Subsidies Towards Cost of Capital Assets	-	-	-	-	-	-	-
3	Grants Towards Cost of Capital Assets	3.36	6.25	9.61	-	9.61	-	9.61
	Total	66.84	6.53	73.37	40.36	113.73	30.50	144.23

Contributions, Grants and Subsidies towards Cost of Capital Assets- SLDC
(Rs. Crore)

S. No	Particulars	FY2019-20			FY 2020-21		Control Period Projection	
		Actual			Estimated		FY 2021-22	
		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
	II	IV	V	VI	VII	VIII	IX	
1	Consumer Contribution Towards Cost of Capital Assets	-	-	-	-	-	-	-
2	Subsidies Towards Cost of Capital Assets	-	-	-	-	-	-	-
3	Grants Towards Cost of Capital Assets	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-

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Existing & Proposed Tariff Schedule - Transmission Business

S. No.	User Type	Previous Year (2019-20)			Current Year (2020-21)			Control Period Projections 2021-22		
		Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)
1	Distribution Licensee (PSPCL)			1384.53			1320.80			1402.37
2	CPP Wheeling									
3	EHT Consumer Wheeling									
4	Other States Energy Wheeling									
5	Open Access Consumers:									
	(At customer periphery after T&D losses)	82.295	Rs. 91121/MW/Month	1.35	174.25	Rs. 91963.63/MW/Month	3.86	180	Rs. 91963.63/MW/Month	3.8625
	a) Long term Consumers (excluding losses)	86.243								
	(At customer periphery Energy Billed excluding losses)	-		-	1		0.002	2.5		0.004
	b) Medium term Consumers (excluding losses)	-		-						
	(At customer periphery Energy Billed excluding losses)	18.365	10% of revenue realized from 2% additional injection (for Intra-State Open Access)	0	24	10% of revenue realized from 2% additional injection (for Intra-State Open Access)	0	23	10% of revenue realized from 2% additional injection	0
	Short term Consumers (Intra-State Open Access)	20.019								
	(At customer periphery Energy Billed excluding losses)	-		-	4.3	Unit (for Inter-State Open Access)	0.10966	-	-	-
6	Short term Consumers (Inter-State Open Access)									

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Revenue from Current Tariffs in Ensuing Years -Transmission Business

FY 2021-22

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)				1328.38		
2	CPP Wheeling						
3	EHT Consumer Wheeling						
4	Other States Energy Wheeling						
5	Open Access Consumers:						
	a) Long term Consumers	180	50	₹. 91963.63/MW/Mor	3.862		
	b) Medium term Consumers	2.5	0.6	10% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)	0.004		
	b) Short term Consumers	22.5	8		0.03		
6	Other Customers						

Note/ Assumptions:

- Energy Wheeled are the Units scheduled in Million kWh under Open Access at customer periphery (i.e. after deducting CTU losses and State transmission & distribution losses).
- Data of Maximum Demand in MVA is available only in case of Northern Railway as all other Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
- Figures under Long Term Access are based on LTA granted to Northern Railway for purchase of upto 35 MW power, which have been operationized w.e.f. 24.11.2019 onwards.
- Figures under MTOA Pertains to wheeling of power by Raowal MHP of Winsome Yarns limited (granted w.e.f. 09.09.2020 onwards).

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Revenue from Proposed Tariffs in Ensuing Year- Transmission Business

FY 2021-22

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 (%)
				V	VI	VII	VIII	IX	X
1	Distribution Licensee (PSPCL)	III	IV		1402.37				
2	CPP Wheeling								
3	EHT Consumer Wheeling								
4	Other States Energy Wheeling								
5	Open Access Consumers:								
	a) Long term Consumers	180	35	Rs. 91963.63/MW/Month	3.86				
	b) Medium term Consumers	2.5	0.6	Rs. 91963.63 per MW per Month or 10% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE)	0.004				
	b) Short term Consumers	22.5	8	25.216 Paise/ Unit (for Inter-State Open Access) 10% of revenue realized from 2% additional injection (for Intra-State Open Access by NRSE Projects)	0.03				
6	Other Customers								

Note/ Assumptions:

- Energy Wheeled are the Units scheduled in Million kWh under Open Access at customer periphery (i.e. after deducting CTU losses and State transmission & distribution losses).
- Data of Maximum Demand in MVA is available only in case of Northern Railway as all other Open Access transactions are in MW/ MWH in line with prevailing Open Access Regulations issued by PSERC & CERC. Accordingly the data has been provided in MW and pertains to maximum quantum of power scheduled/ purchased by open access consumer in single 15 min time-block during the year (at customer periphery).
- Figures under Long Term Access are based on LTA granted to Northern Railway for purchase of upto 35 MW power, which have been operationalized w.e.f. 24.11.2019 onwards.
- Figures under MTOA Pertains to wheeling of power by Raawal MHP of Winsome Yarns limited (granted w.e.f. 09.09.2020 onwards).
- As the power transacted under open access depends on the market scenario changing on day to day basis, the same is unpredictable. However based on the prevailing decline in open access, figures projected for FY 2020-21 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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Losses in the Transmission System

				(MU)	
I	II	Particulars	FY 19-20		Control Period FY 2020-21
			Actual IV	Estimated V	
A	III				VI
		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)	62463771.16	29495850.70	
	2	Energy Lost (A4+B4+C4)	1384948.43	620833.62	
	3	Total Transmission Loss (2/1)	2.22%	2.143%*	

* Figures are from April,20-Sept,20

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

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Voltage Wise System Losses - Month Wise

(MU)

S. No.	Particulars	FY 2019-20												
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV	
I	II													
A	System Losses at 400 KV													
B	System Losses at 220 KV													
C	System Losses at 132 KV													
E	Overall Losses	113.248	90.385	207.643	178.048	158.457	119.108	97.093	85.305	98.038	98.664	81.749	57.207	

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

S. No.	Particulars	FY 2020-21 (For six Months)											
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
I	II												
A	System Losses at 400 KV												
B	System Losses at 220 KV												
C	System Losses at 132 KV												
E	Overall Losses	47.088	88.547	146.315	169.303	169.579	173.193						

S. No.	Particulars	FY 2021-22											
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
I	II												
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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Voltage Wise System Losses (Peak) - Month Wise

(MWh)

S. No.	Particulars	FY 2019-20 (Actual)																
		April	May	June	July	August	September	October	November	December	January	February	March					
I	II																	
A	System Losses at 400 KV	2.450	2.675	3.475	3.675	3.400	3.375	2.200	2.150	1.725	1.275	1.200	0.825					
B	System Losses at 220 KV	17.875	23.875	26.950	29.375	24.750	23.400	14.500	16.925	12.975	10.075	15.325	9.500					
C	System Losses at 132 KV	3.475	4.550	8.500	9.100	7.650	7.350	5.750	4.075	3.025	2.875	3.300	2.925					
E	Overall Losses (MWh)	23.800	31.100	38.925	42.150	35.800	34.125	22.450	23.150	17.725	14.225	19.825	13.250					

Note:

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

S. No.	Particulars	FY 2020-21 (Estimates)																
		April	May	June	July	August	September	October	November	December	January	February	March					
I	II																	
A	System Losses at 400 KV	0.875	1.725	3.525	3.525	3.475	2.650											
B	System Losses at 220 KV	7.125	18.200	25.300	25.925	25.150	21.950											
C	System Losses at 132 KV	2.650	4.500	8.100	8.350	7.775	7.550											
E	Overall Losses (MWh)	10.650	24.425	36.925	37.800	36.400	32.150											

Note: Voltage-wise Transmission Losses are calculated through PSSE software based upon Peak load of the month (assuming Peak Load for a 15-min block).

S. No.	Particulars	FY 2021-22 (Projections)																
		April	May	June	July	August	September	October	November	December	January	February	March					
I	II																	
A	System Losses at 400 KV																	
B	System Losses at 220 KV																	
C	System Losses at 132 KV																	
E	Overall Losses (MWh)																	

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Voltage Wise System Losses (Off Peak) - Month Wise

S. No.	Particulars	FY 2019-20											
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
A	System Losses at 400 KV	1.30	0.88	0.88	0.85	0.80	0.95	0.78	0.80	0.75	0.75	0.55	0.98
B	System Losses at 220 KV	3.55	4.70	5.15	7.15	4.05	5.28	3.20	3.23	3.08	3.45	3.40	2.63
C	System Losses at 132 KV	1.68	1.55	1.60	1.93	2.43	1.85	1.35	1.80	1.60	1.68	1.65	1.60
E	Overall Losses	6.53	7.13	7.63	9.93	7.28	8.08	5.33	5.83	5.43	5.88	5.60	5.20

S. No.	Particulars	FY 2020-21											
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
A	System Losses at 400 KV	0.93	0.88	0.83	0.65	0.93	0.83						
B	System Losses at 220 KV	2.53	3.18	6.28	3.85	10.90	11.33						
C	System Losses at 132 KV	1.58	1.58	1.13	1.93	4.20	4.28						
E	Overall Losses	5.03	5.63	8.23	6.43	16.03	16.43						

S. No.	Particulars	FY 2021-22											
		April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
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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Status of Metering

S.No	Particulars	FY 2019-20						FY 2020-21						Control Period FY 2021-22					
		Number of interface points at the beginning of the year	Number of meters targeted to be installed during the year	Number of ABT compliant meters installed during the year	Number of defective interface meters at the end of the year	Number of interface points without meters at the end of the year	Number of interface points at the end of the year	Number of meters targeted to be installed during the year	Number of ABT compliant meters installed during the year	Number of defective interface meters at the end of the year	Number of interface points without meters at the end of the year	Number of interface points at the end of the year	Number of meters targeted to be installed during the year	Number of ABT compliant meters installed during the year	Number of defective interface meters at the end of the year	Number of interface points without meters at the end of the year	Number of interface points at the end of the year		
		III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV	XVI	XVII	XVIII		
I	Meters																		
1	Distribution Licensee (PSPCL)																		
2	CPP wheeling																		
3	EHT Consumer Wheeling																		
4	Other States Energy Wheeling																		
5	Open Access Consumers:																		
	a) Long Term Consumers																		
	b) Medium Term Consumers																		
	b) Short Term Consumers																		
6	Other Customers																		
	Electronic Meters																		
1	Distribution Licensee (PSPCL)	400.00	20.00	8.00	2.00	-	404.00	6.00	4*	2*	0*	399*							
2	CPP wheeling	4.00	1.00	1.00	-	-	5.00	-	-	-	-	5.00							
3	EHT consumer wheeling	6#	-	-	-	-	6#	-	-	-	-	6#							
4	Other States energy wheeling	68.00	NIL	-	-	-	68.00	1.00	-	-	-	68*							
5	Open Access Consumers:																		
	a) Long term consumers	-	42.##	42.00	-	-	14.00	3.00	-	-	1#	15**							
	b) Medium Term Consumers	-	-	-	-	-	-	-	-	-	-	-							
	b) Short term consumers	-	-	-	-	-	-	-	-	-	-	-							
6	Other Customers	-	-	-	-	-	-	-	-	-	-	-							

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

S.No	Particulars Feeder & Sub- Stations details	2019-20						2020-21 upto 31/08/2020			Corrective Measures Proposed in the Ensuing Years to Avoid Trippings			Control Period Projections		
		Time of Outage						Time of Outage			Time of Outage in FY 2021-22					
		Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Number	Minutes	Total Minutes
1	400 kV Level	III	IV	V	VI	VII	VIII	IX	X	XI	XII					
a)	Feeders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b)	Transformers	48.00	18,239.00	18,239.00	19.00	260,149.00	260,149.00	-	-	-	-	-	-	-	-	-
c)	Sub-Station	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d)	Line	33.00	26,437.00	26,437.00	24.00	202,637.00	202,637.00	-	-	-	-	-	-	-	-	-
e)	Bus Reactor	1.00	5,258.00	5,258.00	-	-	-	-	-	-	-	-	-	-	-	-
f)	SVCs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	220 kV Level	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a)	Feeders	25.00	18,261.00	18,261.00	14.00	373.00	373.00	-	-	-	-	-	-	-	-	-
b)	Transformers	450.00	221,244.00	221,244.00	165.00	22,315.00	22,315.00	-	-	-	-	-	-	-	-	-
c)	Sub-Station	15.00	586.00	586.00	11.00	1,450.00	1,450.00	-	-	-	-	-	-	-	-	-
d)	Line	696.00	374,356.00	374,356.00	363.00	396,371.00	396,371.00	-	-	-	-	-	-	-	-	-
e)	Bus Reactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f)	SVCs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3	132 kV Level	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a)	Feeders	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b)	Transformers	1,274.00	82,779.00	82,779.00	541.00	51,848.00	51,848.00	-	-	-	-	-	-	-	-	-
c)	Sub-Station	32.00	754.00	754.00	15.00	554.00	554.00	-	-	-	-	-	-	-	-	-
d)	Line	1,326.00	287,852.00	287,852.00	910.00	276,174.00	276,174.00	-	-	-	-	-	-	-	-	-
e)	Bus Reactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f)	SVCs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	66 kV Level	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
a)	Feeders	776.00	32,351.00	32,351.00	282.00	10,138.00	10,138.00	-	-	-	-	-	-	-	-	-
b)	Transformers	2,170.00	83,158.00	83,158.00	934.00	46,184.00	46,184.00	-	-	-	-	-	-	-	-	-
c)	Sub-Station	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d)	Line	8,609.00	660,032.00	660,032.00	4,489.00	390,720.00	390,720.00	-	-	-	-	-	-	-	-	-
e)	Bus Reactor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
f)	SVCs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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Form T40

Failure of Transformers

S.No	Particulars	Previous Year		Current Year		Control	
		FY 2019-20		FY 2020-21		FY 2021-22	
		Number	%	Number	%	Number	%
I	II	III	IV	V	VI	VII	VIII
1	EHT Transformer						
	i) 400 kV Sub-Stations						
	ii) 220 kV Sub-Stations	2	0.458	4	0.905		
	iii) 132 kV Sub-Stations	2	1.111	1	0.556		
2	Power Transformer (HT)						
	i) 400 kV Sub-Stations						
	ii) 220 kV Sub-Stations						
	iii) 132 kV Sub-Stations						

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Peak Demand in MW

S.No.	Particulars	(MW)								
		Actual FY (n-5)	Actual FY (n-4)	Actual FY (n-3)	Actual FY (n-2)	Actual FY (n-1)	Previous Year FY 2019-20	Current Year FY 2020-21		
I	II	III	IV	V	VI	VII	VIII	IX		
1	Peak Period									
	a) Winter									
	b) Summer									
	c) Other									
2	Maximum Peak Demand									
	a) Restricted						13606		13148	
	b) Unrestricted						13606		13148	
3	Peak Availability Assessed									
4	Shortfall in meeting Peak Demand									
	a) Restricted								0	0
	b) Unrestricted								0	0

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

(MW)		FY 2019-20 (Actuals)											
S.No.	Particulars	April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
1	Peak Period a) Morning b) Afternoon c) Evening d) Night												
2	Maximum Peak Demand a) Restricted b) Unrestricted	7087 7087	8850 8850	13149 13149	13606 13606	12009 12009	11825 11825	7348 7348	5501 5501	6767 6767	6327 6327	7078 7078	5758 5758
3	Peak Availability Assessed												
4	Shortfall in meeting Peak Demand a) Restricted b) Unrestricted	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0

(MW)		FY 2020-21 (For Six Months)											
S.No.	Particulars	April III	May IV	June V	July VI	August VII	September VIII	October IX	November X	December XI	January XII	February XIII	March XIV
1	Peak Period a) Morning b) Afternoon c) Evening d) Night												
2	Maximum Peak Demand a) Restricted b) Unrestricted	5113 5113	8201 8201	12683 12683	13148 13148	12815 12815	12433 12433						
3	Peak Availability Assessed												
4	Shortfall in meeting Peak Demand a) Restricted b) Unrestricted	0 0	0 0	0 0	0 0	0 0	0 0						

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(MW)		FY 2021-22											
S.No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
1	Peak Period a) Morning b) Afternoon c) Evening d) Night												
2	Maximum Peak Demand a) Restricted b) Unrestricted												
3	Peak Availability Assessed												
4	Shortfall in meeting Peak Demand a) Restricted b) Unrestricted												

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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.

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Month-wise Off Peak Demand

(MW)	S.No.	Particulars	FY 2019-20 (Actuals)											
			April	May	June	July	August	September	October	November	December	January	February	March
			III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
1		Peak Period												
		a) Morning												
		b) Afternoon												
		c) Evening												
		d) Night												
2		Maximum Peak Demand												
		a) Restricted	1898	3247	4091	4758	3779	4148	2807	2689	2416	2814	2821	1375
		b) Unrestricted	1898	3247	4091	4758	3779	4148	2807	2689	2416	2814	2821	1375
3		Peak Availability Assessed												
4		Shortfall in meeting Peak Demand												
		a) Restricted	0	0	0	0	0	0	0	0	0	0	0	0
		b) Unrestricted	0	0	0	0	0	0	0	0	0	0	0	0

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.

(MW)	S.No.	Particulars	FY 2020-21 (For Six Months)											
			April	May	June	July	August	September	October	November	December	January	February	March
			III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV
1		Peak Period												
		a) Morning												
		b) Afternoon												
		c) Evening												
		d) Night												
2		Maximum Peak Demand												
		a) Restricted	1317	2314	4586	2914	6717	6743						
		b) Unrestricted	1317	2314	4586	2914	6717	6743						
3		Peak Availability Assessed												
4		Shortfall in meeting Peak Demand												
		a) Restricted	0	0	0	0	0	0	0	0	0	0	0	0
		b) Unrestricted	0	0	0	0	0	0	0	0	0	0	0	0

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Form T44

Income Tax Provisions

S. No.	Particulars	(Rs. crore)		
		Previous Year Actual	Current year Estimated	Control Period Projection
I	II	III	IV	V
1	Provision made/Proposed for the Year	-	-	-
2	Details as per Return filed for the Year	-	-	-
3	As Assessed for the Year	-	-	-
4	Credit/Debit of Assessment Year (Give Details)	-	-	-
	Total	-	-	-

[Handwritten signature]

Transmission Availability (%)

Sr.No.	Months	FY 2019-20		FY 2020-21		Control Period	
		Actual	III	Estimated	IV	Projection	FY 2021-22
1	II					V	
1	April	99.9749%		99.8843%			99.00%
2	May	99.9711%		99.4672%			99.00%
3	June	99.9584%		99.8743%			99.00%
4	July	99.9817%		99.8284%			99.00%
5	August	99.9788%		99.9342%			99.00%
6	September	99.9823%		99.9568%			99.00%
7	October	99.9885%		99.0000%			99.00%
8	November	99.9520%		99.0000%			99.00%
9	December	99.9820%		99.0000%			99.00%
10	January	99.9809%		99.0000%			99.00%
11	February	99.9741%		99.0000%			99.00%
12	March	99.9637%		99.0000%			99.00%

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