INDEX

S. No.	PARTICULARS
T1	Profit & Loss Account - Transmission Business
T2	Profit & Loss Account - SLDC Business
Т3	Annual Revenue Requirement - Transmission Business
T4	Annual Revenue Requirement - SLDC Business
T5	Key Characteristics of the Trasmission Utility
T6	Normative Parameters Considered for Tariff Computations
T7	Transmission Capacity
T8	Energy Balance
Т9	Revenue from Tariff and Charges
T10	Projection of Energy Sales
T10(A)	Demand in MVA (Peak)
T10(B)	Demand in MVA (Off Peak)
T11	R&M Expenses - Transmision Business
T12	R&M Expenses - SLDC Business
T13	Working Capital Requirement-Transmission/SLDC Business
T14	Income from Investment and other Non-Tariff Income -Transmission/SLDC Business
T15	Contribution, Grants & Subsidies towards Cost of Capital Assets -Transmission/SLDC Business
T16	Existing & Proposed Tariff Schedule -Transmission/SLDC Business
T17	Revenue from Current Tariffs in Ensuing Year -Transmission/SLDC Business
T18	Revenue from Proposed Tariffs in Ensuing Year -Transmission/SLDC Business
T19	Losses in the Transmission System
T20	Voltage Wise System Losses - Month Wise
T20(A)	Voltage Wise System Losses (Peak) - Month Wise
T20(B)	Voltage Wise System Losses (Off Peak) - Month Wise
T21	Status of Metering
T22	Voltage Profile
T23	Outages of Transmission Lines, Sub-Stations and Outages due to tripping in HT feeders
T24	Failure of Transformers
T25	Peak Demand in MW
T25(A)	Month wise Peak Demand (MW)
T25(B)	Month wise off Peak demand (MW)

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.

Profit & Loss Account - Transmission Business

							(₹ crore)
		Reference	Previous Year	Current Year	C	ontrol Perio	
S. No.	Particulars		Actual	Estimated		Projection	
		Form			1st year	2nd year	3rd year
	Revenue						
1	Revenue from Transmission and Ancillary Services*	T16					
2	Other Non-Tariff Income	T12					
3	Revenue Subsidies						
	Total Revenue or Income						
В	Expenditure						
	Expenses for SLDC Fees & Charges	C8					
	Repairs and Maintenance Expenses	Т9					
	Employee Cost	C4					
4	Administration and General Expenses	C6					
	Net Prior Period Credits/(Charges)	C14					
6	Other Debits, Write-Offs	C21					
7	Extraordinary Items (Net)	C15					
8	Less: Expenses Capitalized	C18					
С	PBITDA (A-B)						
D	Depreciation & Amortization	C7					
	Depreciation	01					
2	Amortization						
Е	PBIT (C-D)						
	Total Interest and Finance Charges						
	Interest on Loan Capital	C13					
	Interest on Working Capital	T11					
3	Finance Charges						
G	Profit/Loss before Tax (E-F)						
Н	Income Tax	C17					
-	Profit/Loss after Tax (G-H)						

* Ancillary Services implies revenues from grid support, reactive energy and other facility provided.

Note:

The above information requires certification from the statutory auditors.

Profit & Loss Account - SLDC Business

							(₹ crore
		Reference	Previous Year	Current Year	C	ontrol Peri	od
S.No.	Particulars	Form	Actual	Estimated		Projection	
		FOIII			1st Year	2nd Year	3rd Year
Α	Revenue						
1	Revenue from Fees and Charges						
2	Other Income						
	Total Revenue or Income						
В	Expenditure						
1	Repairs and Maintenance Expenses	T10					
2	Employee Cost	C4					
3	Administration and General Expenses	C6				1	
4	Net Prior Period Credits/(Charges)	C14					
5	Other Debits, Write-offs	C21					
6	Extraordinary items (net)	C15					
7	Less: Expenses Capitalized	C18					
С	PBITDA (A-B)						
D	Depreciation & Amortization	C7					
1	Depreciation						
2	Amortization						
E	PBIT (C-D)						
F	Total Interest and Finance Charges						
1	Interest on Loan	C13					
2	Interest on Working Capital	T11					
3	Finance Charges						
G	Profit/Loss Before Tax (E-F)						
Н	Income Tax	C17					
	Profit/Loss after Tax (G-H)						<u> </u>

Note :

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

Annual Revenue Requirement -Transmission Business

							(₹ crore)
S.			Previous Year	Current Year		Control Period	
No.	Particulars	Ref. Form No.	Actual	Estimated		Projection	
					1st Year	2nd Year	3rd Year
Α	Receipts						
1	Revenue from Transmission Business and Ancillary Services	T15					
	Expenditure						
	Expenses for SLDC Fees and Charges	C8					
2	O&M Expenses (Gross)						
	a) R&M Expenses	Т9					
	b) Employee Cost	C4					
	c) A&G Expenses	C6					
3	Depreciation	C7					
4	Interest and Finance Charges on Loan Capital	C13					
5	Interest Charges on Working Capital	T11					
6	Prior Period Expenses	C14					
7	Extraordinary Items	C15					
8	Other Debts and Write-Offs	C21					
9	Statutory Levies and Taxes if Any	C17					
10	Less: Expenses Capitalised	C18					
	a) Interest charges Capitalized						
	b) R&M Expenses Capitalized						
	c) A&G Expenses Capitalized						
	d) Employee Cost Capitalized						
	Sub Total (a+b+c+d)						
	Sub Total Expenditure (1+2+3+4+5+6+7+8+9-10)						
С	Return on Equity	C3					
				1			
D	Non-Tariff and other Income	T12					
			Ì	1 1		1	
Е	Annual Revenue Requirement (B+C-D)						
				1 1			
F	Surplus (+) / Shortfall (-) (A-E) - Before Tariff Revision			1 1			

Note :

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

Annual Revenue Requirement - SLDC Business

							(₹ crore)
S.			Previous Year	Current Year		Control Period	
S. No	Particulars	Ref. Form No.	Actual	Estimated		Projection	
					1st Year	2nd Year	3rd Year
Α	Revenue						
1	Revenue from Fees and Charges						
2	Other Income						
_	Total Revenue or Income						
B	Expenditure						
1	O&M Expenses (Gross)						
	a) R&M Expenses	T10					
	b) Employee Cost	C4					
	c) A&G Expenses	C6					
2	Depreciation	C7					
3	Interest and Finance Charges on Loan Capital	C13					
4	Interest Charges on Working Capital	T11					
5	Prior Period Expenses	C14					
6	Extraordinary Items	C15					
7	Other Debts and Write-Offs	C21					
8	Statutory Levies and Taxes if Any	C17					
9	Less: Expenses Capitalised	C18					
	a) Interest Charges Capitalized						
	b) R&M Expenses Capitalized						
	c) A&G Expenses Capitalized						
	d) Employee Cost Capitalized						
	Subtotal (a+b+c+d)						
	Subtotal Expenditure (1+2+3+4+5+6+7+8-9)						
С	Return on Equity	C3					
				1			
D	Non-Tariff and other Income	T12					
Е	Annual Revenue Requirement (B+C-D)			1			
F	Surplus(+) / Shortfall(-)(A-E) - Before Tariff Revision			1			

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.

Key Characteristics of the Trasmission Utility

			Previo	ous year		Current Year Control Period Projection						ections	ons				
				tual			stimated			1st year			2nd year			3rd year	
S.No	Particulars																
0.110	i al tioular s		Additions	Withdrawal	At the	Additions	Withdraw	At the	Additions	Withdraw	At the	Additions	Withdraw	At the	Additions	Withdraw	At the
		start of		from	end of		al from			al from			al from			al from	end of
		year	the year	service	year	the year	service	year	the year	service	year	the year	service	year	the year	service	year
1	Length of lines (ckt-km)																
	a) 400 kV																
	i) Single Circuit																
	ii) Double Circuit																
	b) 220 kV																
	i) Single Circuit																
	ii) Double Circuit																
	c) 132 kV																
	i) Single Circuit																
	ii) Double Circuit																
	Total																
2	Number of Sub-Stations																
	i) 400 kV																
	ii) 220 kV																
	iii) 132 kV																
	Total																
3	Number of Bays																
	a) Number of Incoming Bays at																
	i) 400 kV Sub-Station																
	ii) 220 kV Sub-Station																
	iii) 132 kV Sub-Station																
	b) Number of Outgoing Bays at																
	i) 400 kV Sub-Station of																
	(a) 220 kV																
	(b) 132 kV																
	(c) Others																
	ii) 220 kV Sub-Station of																
	(a) 132 kV																
	(b) 66 kV																
	(c) others																

Key Characteristics of the Trasmission Utility

			Previo	ous year		Cu	rrent Year	r				Control P	Period Proj	ections			
				tual			stimated			1st year			2nd year			3rd year	
S.No	Particulars																
0.110		At the		Withdrawal	At the	Additions				Withdraw	At the	Additions					
		start of		from	end of		al from					during	al from			al from	end of
		year	the year	service	year	the year	service	year	the year	service	year	the year	service	year	the year	service	year
	iii) 132 kV Sub-Station of																
	(a) 66 kV																
	(b) Others																
	c) Total Number of Bays																
4	No. of Transformers at																
	i) 400 kV Sub-Station																
	ii) 220 kV Sub-Station																
	iii) 132 kV Sub-Station																
5	Transformation Capacity (MVA) of																
	i) 400 kV Sub-Station																
-	ii) 220 kV Sub-Station																
	iii) 132 kV Sub-Station																
		_															$ \longrightarrow $
4	Intra State Transmission Losses (%)	_															
5	Availability (%)	_															
	a) 400 kV Lines																
	i) Single Circuit																
	ii) Double Circuit																
	b) 220 kV lines																
	i) Single Circuit																
	ii) Double Circuit	_															
	c) 132 kV Lines	_															
L	i) Single Circuit	_									ļ			ļ			\downarrow
	ii) Double Circuit	_									ļ			ļ			\downarrow
L	d) Transformers	_									ļ			ļ			╞───┤
	i) 400 kV Sub-Station																\mid
	ii) 220 kV Sub-Station																\square
L	iii) 132 kV Sub-Station																<u> </u>
L	e) SVCs																<u> </u>
	f) Bus Reactors																

Key Characteristics of the Trasmission Utility

			Previo	ous year		Cu	Irrent Year	•				Control F	eriod Proj	ections			
			Ac	tual		E	stimated			1st year			2nd year			3rd year	
S.No	Particulars																
•		At the		Withdrawal													
		start of	9		end of	-	al from			al from			al from	end of	-	al from	end of
		year	the year	service	year	the year	service	year	the year	service	year	the year	service	year	the year	service	year
																	\square
-	Number of Meters																
	(a) Total no. interface points with Gencos																
	i) No. of interface points with ABT compliant meters																
	i) 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																
	i) No. of interface points with non-ABT compliant meters																
	iii) No. of interface points without meters																
	Total																
7	Employee Strength																
	Technical																
	Non- Technical																
																	\square
8	Total																

Normative Parameters Considered for Tariff Computations

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Name of the Petitioner:

Particulars	Unit	Current Year	Years of the Control Period					
Faiticulais	Onic	Current real	Ist Year	2nd Year	3rd Year			
Rate of Return on Equity	%							
Target Availability	%							
Normative O&M Expenses for WC	in Month							
Spares for WC as % of O&M	%							
Receivables in Months for WC	Months							

Transmission Capacity

S.No.	Source	Approved Capacity (Gross) (MW)	Auxiliary Consumption and Transformation Losses (%)	Approved Injection (Net) (MW)	PSPCL's Firm Share (%)	PSPCL's Firm Share (MW)	Inter-State Transmission Loss (%)	Share (Net at PSTCL Boundary) (MW)
1	NTPC							
(i)								
(ii)								
	Total NTPC							
2	NHPC							
(i)								
(ii)								
	Total NHPC							
3	NPC							
(i)								
(ii)								
	Total NPC							
4	Other Central Sector							
(i)								
(ii)								
	Total Other Central Sector							
5	Others							
(i)								
(ii)								
	Total Others							
6	PSPCL Own Stations							
(i)								

Transmission Capacity

S.No.	Source	Approved Capacity (Gross) (MW)	Auxiliary Consumption and Transformation Losses (%)	Approved Injection (Net) (MW)	PSPCL's Firm Share (%)	PSPCL's Firm Share (MW)	Inter-State Transmission Loss (%)	Share (Net at PSTCL Boundary) (MW)
(ii)								
6a	Thermal							
(i)								
(ii)								
	Total Thermal (Own)							
6b	Hydel							
(i)								
(ii)								
	Total Hydel (Own)							
7	New Stations (PSPCL)							
(i)								
(ii)								
	Total New Stations (PSPCL)							
	BBMB (Common Pool Stations							
8	(PSPCL Share)							
(i)								
(ii)								
	Tatal DDMD (Common Dash							
	Total BBMB (Common Pool Stations (PSPCL Share)							
9	Grand Total (Transmission Capacity)							

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

Energy Balance

							(₹ crore)
S. No.	Particulars	Unit	Previous Year	Current Year	Contro	I Period Pr	ojections
3. NO.		Unit	Actuals	Estimated	1st year	2nd year	3rd year
1	Energy Input into Transmission System						
	a) Energy from sources inside the State (G-T Interface)	MU					
	b) Energy from Sources outside the State (Inter state-intra state						
	transmission system interface)	MU					
	c) Total (a+b)	MU					
	Energy transmitted to Distribution Licensees (T-D Interface)	MU					
	Energy transmitted to EHT Consumers						
4	Energy transmitted to Open Access Customers	MU					
5	Energy transmitted for Intra State Sale	MU					
6	Intra State Transmission Loss ((1(c)-2-3-4-5)/1)	%					

(A) Revenue from Intrastate Wheeling of Power:

Sr.	Particulars	Transmission							Previous Year				
No.		Capacity							Actuals				
		Allocated	Maxiı Dem	and	Un Transr	nitted	Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Distribution Licensee (T-D Interface)												
2	CPP Consumers Connected to Transmission System												
2	EHT Consumers Connected to Transmission System												
	Open Access Customers Connected to Transmission System :												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Consumers												
	Grand Total												

Sr.	Particulars	Transmission							Current Year				
No.		Capacity							Projections				
		Allocated	Maxir Dem		Uni Transr		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
		15	16	17	18	19	20	21	22	23	24	25	26
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												
	b) Short Term Customers												
5	Other Consumers												
	Grand Total												

(A) Revenue from Intrastate Wheeling of Power:

Sr.	Particulars	Transmission			Control Period Projections (1 st Year)								
No.		Capacity						Pr	ojections (1 st Ye	ar)			
		Allocated	Maxir Dem	and	Uni Transr	nitted	Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
		27	28	29	30	31	32	33	34	35	36	37	38
1	Distribution Licensee (T-D Interface)												
	CPP Consumers Connected to Transmission System												
3	EHT Consumers Connected to Transmission System												
	Open Access Customers Connected to Transmission System :												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Consumers												
	Grand Total												

Sr.	Particulars	Transmission			Control Period								
No.		Capacity						Pr	ojections (2 nd Ye	ear)			
		Allocated	Maxir Dem		Uni Transr		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW			MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
		39	40	41	42	43	44	45	46	47	48	49	50
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												
	b) Short Term Customers												
5	Other Consumers												
	Grand Total												

(A) Revenue from Intrastate Wheeling of Power:

Sr.	Particulars	Transmission		<u> </u>	Control Period								
No.		Capacity						Pre	ojections (3 rd Ye	ar)			
		Allocated	Maxir Dem		Uni Transn		Revenue from Transmission Charges	Revenue from Reactive Energy Charges	External Expenses/ Subsidy/ Govt support	Total Realization	Collection against Revenue Demand	Collection Efficiency	No. of Consumers
		MW	MVA	MW	MVAh	MWh	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	(%)	
		51	52	53	54	55	56	57	58	59	60	61	62
1	Distribution Licensee (T-D Interface)												
	CPP Consumers Connected to Transmission System												
	EHT Consumers Connected to Transmission System												
	Open Access Customers Connected to Transmission System :												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Consumers												
	Grand Total												

Form-T-9

b) Revenue from other Charges

			Prev	vious Year				Current Year	
S.	Particulars			Actual				Estimated	
No.		Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue
		₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore
1	2	3	4	5	6	7	8	9	10
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								
	b) Short Term Customers								
5	Other Consumers								
	Grand Total								

						Con	trol Period (Projections)	1				
S.	Particulars			1 st Year			2 ^{'n}	^d Year				3 rd Year	
No.		Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue	Cess	Meter Rent	Surcharge	Other Misc. revenue
		₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore	₹ crore
		11	12	13	14	15	16	17	18	19	20	21	22
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												
	b) Short Term Customers												
5	Other Consumers												
	Grand Total												

Projection of Energy Sales

A) Energy Sales/Transmitted (in MU)

		Previous Year	Current Year	Contro	I Period Pr	ojection
S. No	Category	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Distribution Licensees (T-D Interface)					
2	CPP Consumers Connected to Transmission System					
3	Consumers Connected to Transmission System					
4	Open Access Customers Connected to Transmission System					
	a) Long Term Customers					
	b) Medium Term Customers					
	b) Short Term Customers					
5	Other Customers/Consumers					
	Grand Total					

B) Connected Load (in MVA)

		Previous Year	Current Year	Contro	Period Pr	ojection
S. No	Category	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Distribution Licensees (T-D Interface)					
2	CPP Consumers Connected to Transmission System					
3	Consumers Connected to Transmission System					
4	Open Access Customers Connected to Transmission System					
	a) Long Term Customers					
	b) Medium Term Customers					
	b) Short Term Customers					
5	Other Customers/Consumers					
	Grand Total					

C) Maximum or Peak Demand (in MVA)

		Previous Year			l Period Pr	
S. No	Category	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Distribution Licensees (T-D Interface)					
2	CPP Consumers Connected to Transmission System					
3	Consumers Connected to Transmission System					
4	Open Access Customers Connected to Transmission System					
	a) Long Term Customers					
	b) Medium Term Customers					
	b) Short Term Customers					
5	Other Customers/Consumers					
	Grand Total					

Projection of Energy Sales

D) Minimum Demand (in MVA)

		Previous Year	Current Year	Contro	I Period Pr	ojection
S. No	Category	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Distribution Licensees (T-D Interface)					
2	CPP Consumers Connected to Transmission System					
	Consumers Connected to Transmission System					
4	Open Access Customers Connected to Transmission System					
	a) Long Term Customers					
	b) Medium Term Customers					
	b) Short Term Customers					
5	Other Customers/Consumers					
	Grand Total					

E) Average Demand (in MVA)

		Previous Year	Current Year	Contro	l Period Pr	ojection
S. No	Category	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Distribution Licensees (T-D Interface)					
2	CPP Consumers Connected to Transmission System					
3	Consumers Connected to Transmission System					
4	Open Access Customers Connected to Transmission System					
	a) Long Term Customers					
	b) Medium Term Customers					
	b) Short Term Customers					
5	Other Customers/Consumers					
	Grand Total					

Demand in MVA (Peak)

		Months in the Financial Year											
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
	Distribution Licensees (T-D Interface)												
	CPP Consumers Connected to Transmission System												
	Consumers Connected to Transmission System												
4	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

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

(MVA)

Demand in MVA (Off Peak)

Months in the Financial Year													
S. No.	Particulars	April	May	June	July	August	September	October	November	December	January	February	March
	Distribution Licensees (T-D Interface)												
	CPP Consumers Connected to Transmission System												
	Consumers Connected to Transmission System												
	Open Access Customers Connected to Transmission System												
	a) Long Term Customers												
	b) Medium Term Customers												
	b) Short Term Customers												
5	Other Customers/Consumers												
	Grand Total												

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

(MVA)

Form ¹	T11
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Repair & Maintenance Expenses - Transmission Business

(₹	crore	÷)

						(₹ crore)
		Previous Year	Current Year	Control	Period Proj	ection
S.No.	Particulars	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Plant and Machinery					
А	Sub-Stations					
	i) 440 kV					
	ii) 220 kV					
	iii) 132 kV					
В	Others					
2	Buildings					
3	Civil Works					
4	Lines					
	i) 440 kV					
	ii) 220 kV					
	iii) 132 kV					
	iv) Cables					
5	Vehicles					
6	Furniture and Fixtures					
7	Office Equipments					
8	Station Supplies					
9	Maintenance by private agencies					
10	Any other item (specify)					
11	Total R&M Expenses					
12	R&M Expenses Capitalized					
13	Net R&M Expense (11-12)					

Repair & Maintenance Expenses - SLDC Business

(₹ crore)

		Previous Year	Current Year	Control	Period Proj	ection
S.No.	Particulars	Actual	Estimated	1st Year	2nd Year	3rd Year
1	Plant and Machinery					
2	Building					
3	Civil Works					
4	Lines					
5	Vehicles					
6	Furniture and Fixtures					
7	Office Equipments					
8	Station Supplies					
9	Maintenance by private agencies					
10	Any other item (specify)					
11	Total R&M Expenses					
12	R&M Expenses Capitalized					
13	Net R&M Expenses (11-12)					

						(₹ croi		
		Previous Year	Current Year	Control Period Projection				
S.No.	Particulars	Actual	Estimated	1st Year	2nd Year	3rd Year		
1	O&M Expenses							
a.	R&M Expenses							
b.	A&G Expenses							
C.	Employee Expenses							
d.	Total (a+b+c)							
e.	1/12th of 1(d)							
2	Receivables equivalent to 2 (Two) months of Fixed Cost calculated on Normative Target Availability							
3	Maintenance Spares @15% of O&M Expenses							
	Total Working Capital (1(e) + 2+ 3)							
4	Interest Rate*							
5	Interest on Working Capital							

Working Capital Requirement - Transmission/SLDC Business

* The Interest rate for this purpose shall be the rate as specified under Regulations 54.2 of PSERC Tariff Regulations.

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

(₹ crore)

S. No.	Particulars	Previous Year	Current Year	Control I	Control Period Proje		
5. NO.	Particulars	Actual	Estimated	1st Year	2nd Year	3rd Year	
Α	Income from Investment, Fixed & Call Deposits						
1	Interest Income from Investments						
2	Interest Income from Fixed Deposits						
3	Interest Income from Banks other than from Fixed Deposits						
4	Interest Income from any other source						
	Sub-Total						
В	Other Non-Tariff Income						
1	Interest on Loans and Advances to Staff						
2	Interest on Loans and Advances to Licensee						
3	Interest on Loans and Advances to Lessors						
4	Interest on Advances to Suppliers / Contractors						
5	Income from Trading (other than Electricity)						
6	Gain on Sale of Fixed Assets						
7	Income/Fee/Collection against Staff Welfare Activities						
8	Miscellaneous Receipts						
9	Delayed Payment Charges from Consumers						
10	Income from Miscellaneous Charges as per Schedule of General and Service Charges from Consumers						
11	Income from Other Business						
12	Income from Dis-investment / Sale of Assets (if any)						
13	Any other income (specify)						
	Sub-Total						
	Total						

Note:

This format shall be filed separately for the following:

a) Consolidated for Transmission Licensee/STU

b) Transmission Business

c) SLDC Business

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

												(e crore)	
		Previous Year			Current Year			Co	Control Period Projection				
		Actual			Es	timated	1st year		2nd year		3rd	year	
S. No	Particulars	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		Balance at the end of the Year	Additions	Balance at the end of the Year	Additions	Balance at the end of the Year	
1	Consumer Contribution Towards Cost of Capital Assets												
2	Subsidies Towards Cost of Capital Assets												
3	Grants Towards Cost of Capital Assets												
	Total												

Note:

1. The above details are to be provided Sub-Station and Transmission Line wise (voltage wise)

2. This format shall be filed separately for the following:

a) Transmission Business

b) SLDC Business

Form T15

(₹ crore)

Existing & Proposed Tariff Schedule - Transmission Business

S. No.	User Type	Р	revious Year			Current Year		Control Period Projection								
0.110.	User Type		Actual		Estimated			1st year			2nd year			3rd year		
		Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)	Contacted Capacity/ Energy Wheeled (MW/MU)	Transmission Tariff (₹ crore per MW per month/ paise/unit)	Amount (₹ crore)
1	Distribution Licensee (PSPCL)															
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															

Revenue from Current Tariffs in Ensuing Years -Transmission Business

Year 1

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)						
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						

				Year 2			
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit
1	Distribution Licensee (PSPCL)						
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						
				Year 3			
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore)	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit
1	Distribution Licensee (PSPCL)						
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						

Revenue from Proposed Tariffs in Ensuing Year- Transmission Business

1st year Expected additional Revenue at Total Amount (₹ Proposed Energy Maximum Transmission Tariff Transmission S.No. User Type Proposed Percentage Increase (%) crore) without **Realization Rate** proposed charges (₹ crore for Full Wheeled (MU) Demand (MVA) (₹/ MW/ month) Charge in ₹/unit (₹/ unit) Year tax Distribution Licensee (PSPCL) 1 CPP Wheeling 2 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 Other Customers 6

					2nd	year			
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore) without tax	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit	Expected additional Revenue at proposed charges (₹ crore) for Full Year	Proposed Percentage increase (%)
1	Distribution Licensee (PSPCL)								
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								

					3rd y	/ear			
S.No.	User Type	Energy Wheeled (MU)	Maximum Demand (MVA)	Transmission Tariff (₹/ MW/ month)	Total Amount (₹ crore) without tax	Proposed Realization Rate (₹/ unit)	Unit Cost of transmission in ₹/unit	Expected additional Revenue at proposed charges (₹ crore) for Full Year	Proposed Percentage increase (%)
1	Distribution Licensee (PSPCL)								
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								

Form T18

Losses in the Transmission System

(MU)

		Previous Year	Current Year	Control	Period Proj	ection
	Particulars	Actual	Estimated	1st Year	2nd Year	3rd Year
Α	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)					
В	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)					
С	Losses in EHT System (132 kV)					
	1 Energy received into the system					
	2 Energy sold at this voltage level					
	3 Energy transmitted to the next (lower) voltage level					
	4 Energy Lost (1-2-3)					
	5 Total Loss in the System (4/1)					
	+					
D	Overall Losses					
	1 Energy Received (A1+B1+C1)					
	2 Energy Lost (A4+B4+C4)					
	3 Total Transmission Loss (2/1)					

Voltage Wise System Losses - Month Wise

													(MU)
S. No.	Particulars		Month wise Details										
3. NO.		Apri	Мау	June	July	August	September	October	November	December	January	February	March
А	System Losses at 400 KV												
В	System Losses at 220 KV												
С	System Losses at 132 KV												
E	Overall Losses												

Note:

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

Voltage Wise System Losses (Peak) - Month Wise

S. No.	Particulars						Мо	nth Wise [Details				
5. NO.	Faiticulais	April	May	June	July	August	September	October	November	December	January	February	March
A	System Losses at 400 KV												
В	System Losses at 220 KV												
С	System Losses at 132 KV												
E	Overall Losses												

Note:

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

Form T20(A)

(MU)

Voltage Wise System Losses (Off Peak) - Month Wise

S. No.	Particulars							Month wis	se Details				(110)
5. NO.	Farticulars	April	May	June	July	August	September	October	November	December	January	February	March
Α	System Losses at 400 KV												
В	System Losses at 220 KV												
С	System Losses at 132 KV												
E	Overall Losses												

Note:

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

Form T20(B)

(MU)

Status of Metering

				Previous `	Year				interface meters installed during the Year interface meters at during the Year interface meters at the end of the Year interface the Year interface the Year interface the Year interface the Year interface the Year interface the Year				
S.No	Particulars	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	of ABT compliant meters installed during	defective interface meters at the end of	interface points without meters at the end of	Number of interface points at the end of Year	
1	2	3	4	5	6	7	8	9	10	11	12	13	
	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)												
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												

Status of Metering

						Contro	ol Period				
				1 st Year					2 nd Year		
S.No	Particulars	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 Year
		14	15	16	17	18	19	20	21	22	23
	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)										
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										

Status of Metering

				Control Perio	d	
				3 rd Year		
S.No	Particulars	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
		24	25	26	27	28
	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)					
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					

Voltage Profile

S.No.	Particulars		onths of the us Year	Last six moi Previou		For the Cur	rent Year	
	Sub-Station wise*		of time when ge was	Percentage o volatag		Percentage of volatage		Corrective Measures Proposed
	At 400/220/132 kV side of transformer (incoming point of 400/220/132kV bus)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	Below (9%)	Above (6%)	
	Include all feeders							
1								
2								
3								
4								
5								
6								
8								
9 10		+			1			
10								
12								
13								
14					1			
15								
		1						

* The information may be furnished for five selected critical EHV substations.

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

S.No	Particulars	Р	revious Ye	ar		Current Yea	r	Corrective Measures					Period Pro	•			
	Feeder & Sub-Stations details	Ti	me of Outa	ge	Т	ime of Outa	ge	Proposed in the Ensuing Years to	Time o	f Outage (1	st Year)	Time of	Outage (2)	nd Year)	Time of	f Outage (3	rd Year)
		Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Avoid Trippings	Number	Minutes	Total Minutes	Number	Minutes	Total Minutes	Number	Minutes	Total Minutes
1	400 kV Level																<u> </u>
a)	Feeders																
b)	Transformers																
c)	Sub-Station								1						1		
d)	Line								1						1		
e)	Bus Reactor																
f)	SVCs																
2	220 kV Level																
a)	Feeders																
b)	Transformers																
C)	Sub-Station																
d)	Line																
e)	Bus Reactor																
f)	SVCs																
3	132 kV Level																
a)	Feeders																
b)	Transformers																
c)	Sub-Station								1						1		
d)	Line		İ	l	1		1			1				İ			
e)	Bus Reactor		1				1			1				İ			
f)	SVCs						l .										
			1	1	1		İ.			1							
			1				1			1				İ			
4	66 kV Level		1				1			1				İ			
a)	Feeders		1	1	1		1			1							
b)	Transformers		1				1			1				İ			
c)	Sub-Station		1	1	1					1				1			
d)	Line		1				1			1				İ			
e)	Bus Reactor		İ	1	1		1			1				İ			
f)	SVCs		l	İ	İ		İ	1		İ	1	1		l		1	1

Failure of Transformers

		Previous \	'ear	Currer	nt Year		(Control Peri	od Projecti	ion	
0.11-	Dentievalene	Actual		Estin	nated	1st Y	(ear	2nd	Year	3rd \	í ear
S.No	Particulars	Number	%	Number	%	Number	%	Number	%	Number	%
1	EHT Transformer										
	i) 400 kV Sub-Stations										
	ii) 220 kV Sub-Stations										
	iii) 132 kV Sub-Stations										
2	Power Transformer (HT)										
	i) 400 kV Sub-Stations										
	ii) 220 kV Sub-Stations										
	iii) 132 kV Sub-Stations										

Peak Demand in MW

(MU)

		(₩)									
S.No.	Particulars	Actual	Actual	Actual	Actual	Actual	Previous Year	Current Year	Control Period Projection		
		FY (n-5)	FY (n-4)	FY (n-3)	FY (n-2)	FY (n-1)	Actuals	Estimate	1st Year	2nd Year	3rd Year
	Peak Period										
	a) Winter										
	b) Summer										
	c) Other										
	Maximum Peak Demand										
	a) Restricted										
	b) Unrestricted										
3	Peak Availability Assessed										
4	Shortfall in meeting Peak										
	Demand										
	a) Restricted										
	b) Unrestricted										

Note :

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

Form T25(A)

Month-wise Peak Demand

(MW)

S.No.	Particulars	Actual	Actual	Actual	Actual	Actual	Previous Year	Current Year	Contro	jection	
		FY (n-5)	FY (n-4)	FY (n-3)	FY (n-2)	FY (n-1)	Actuals	Estimate	1st Year	2nd Year	3rd Year
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										
										1	

Note :

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

Form T25(B)

Month-wise Off Peak Demand

September October November S.No. Particulars April May June July August December January February March 1 Peak Period a) Morning b) Afternoon c) Evening d) Night Maximum Peak Demand 2 a) Restricted b) Unrestricted Peak Availability Assessed 3 Shortfall in meeting Peak 4 Demand a) Restricted b) Unrestricted

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)