

**NAME OF TRANSMISSION LICENSEE**

**INDEX OF REGULATORY COMPLIANCE FORMATS FOR ARR & TARIFF FILING BY TRANSMISSION LICENSEE**

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Instructions for the Transmission Licensee:

- 1)
- 2)

PY Previous Year, Past Year

CY Current Year

CP Control Period



**Return on Equity****Form No: S2**

(Rs Crores)

S. No.	Particulars	PY2	PY1	CY	Control Period		
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
1	Equity (Opening Balance)						
2	Net additions during the year						
3	Equity (Closing Balance)						
4	Rate of Return on Equity <sup>1</sup>						
	<b>Return on Equity</b>						

<sup>1</sup> Return on Equity shall be 14% (post tax).





Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

**Repair & Maintenance Expenditure**

**Form No: F1**

Sl.No.	Particulars	PY2	PY1	CY	Control Period		
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
1	Plant and Machinery						
2	Building						
3	Civil Works						
4	Hydraulic Works						
5	Lines, Cables Net Works etc.						
6	Vehicles						
7	Furniture and Fixtures						
8	Office Equipments						
9	Station Supplies						
10	Spare Inventory for maintaining Transformer redundancy						
11	Sub station maintenance by private agencies						
12	Any other items (Capitalisation)						
	<b>Total</b>						

Name of the Transmission Licensee : \_\_\_\_\_  
 Name of Region: \_\_\_\_\_  
 Name of the Project : \_\_\_\_\_  
 Name of the Transmission Element : \_\_\_\_\_

**Employee Cost and Provisions**

Form No: F2

A	Particulars (Rs in lakhs)	PY2	PY1	CY	Control Period		
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
<b>B</b>	<b>Employee's Cost</b>						
1	Salaries						
2	Dearness Allowance						
3	Other Allowances & Relief						
a	Allowances details						
4	Medical Expenses Reimbursement						
5	Leave Travel Assistance						
6	Fee & Honorarium						
7	Incentives/Awards Including That In Partnership Project (Specify Items)						
8	Earned Leave Encashment						
9	Tuition Fee Re-Imbursement						
10	Leave Salary Contribution						
11	Payment Under Workman'S Compensation And Gratuity						
12	Subsidised Electricity To Employees						
13	Staff Welfare Expenses						
<b>C</b>	<b>Apprentice And Other Training Expenses</b>						
<b>D</b>	<b>Payment/Contribution To PF Staff Pension And Gratuity</b>						
1	Terminal Benefits						
	a) Provident Fund Contribution						
	b) Provision for PF Fund						
	c) Pension Payments						
	d) Gratuity Payment						
2	Any Other Items						
	<b>Total D</b>						
<b>E</b>	<b>Bonus/Exgratia To Employees</b>						
<b>F</b>	<b>Grand Total</b>						
<b>G</b>	<b>Chargeable To Construction Works</b>						
	<b>Balance Item 'F' Appropriate For (F)-(G)</b>						
	<b>Relevant Indices Of Wages Increase (As At The Beginning &amp; End Of The Year)</b>						
	WPI						
	CPI						
	D.A Rate						

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

Employee strength

Form No: F3

S. No	Particulars	PY2		PY1		CY	
		FY (n-2)		FY (n-1)		FY (n)	
		Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year
1	Member						
2	Chief Engineer						
3	Superintendent Engineer						
4	Executive Engineer						
5	...						
6	Total						



<b>MYT Period</b>					
<b>FY (n+1)</b>		<b>FY (n+2)</b>		<b>FY (n+3)</b>	
Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year	Working Strength At The Beginning Of The Year	Sanctioned Strength At The Beginning Of The Year

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

Administration & General Expenses

Form No: F4

S.No.	Particulars	PY2	PY1	CY	Control Period		
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
<b>A)</b>	<b>Administration Expenses</b>						
1	Rent rates and taxes (Other than all taxes on income and profit)						
2	Insurance of employees, assets, Legal insurance						
3	Revenue Stamp Expenses Account						
4	Telephone, Postage, Telegram, Internet Charges						
5	Incentive & Award To Employees/Outsiders						
6	Consultancy Charges						
7	Technical Fees						
8	Other Professional Charges						
9	Conveyance And Travel (vehicle hiring, running)						
10	HPERC License fee						
11	Plant And Machinery						
12	Security / Service Charges Paid To Outside Agencies						
13	Regulatory Expenses						
14	Ombudsman Expenses						
	<b>Sub-Total of Administrative Expenses</b>						
<b>B)</b>	<b>Other Charges</b>						
1	Fee And Subscriptions Books And Periodicals						
2	Printing And Stationery						
3	Advertisement Expenses (Other Than Purchase Related) Exhibition & Demo.						
4	Contributions/Donations To Outside Institute / Association						
5	Electricity Charges To Offices						
6	Water Charges						
7	Any Study - As per requirements						
8	Miscellaneous Expenses						
9	Public Interaction Program						
10	Any Other expenses						
	<b>Sub-Total of other charges</b>						
<b>C)</b>	<b>Legal Charges</b>						
<b>D)</b>	<b>Auditor'S Fee</b>						
<b>E)</b>	<b>Frieght - Material Related Expenses</b>						
<b>F)</b>	<b>Direction And Supervision Charges</b>						
<b>G)</b>	<b>Total Charges</b>						
<b>H)</b>	<b>Total Charges Chargeable To Capital Works</b>						
<b>I)</b>	<b>Total Charges Chargeable to Revenue Expenses</b>						

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

**Fixed Assets and Provision for Depreciation**

**Form no.F5**

		FY										
in Rs Cr		Gross Fixed Assets				Provision For Depreciation				Net Fixed Assets		
S.No	Particulars	At Beginning of Year	Addition During Year	Adjustments & Deduction	At End Of Year	Rate of Depreciation	At Beginning of Year	Addition During Year	Adjustments & Deduction	At End Of Year	At Beginning of Year	At the End Of Year
1	Land & Land rights											
2	Building and Civil Works											
	Others 1											
	Others 2											
	Others 3											
	Sub-Total											
3	Line Cable Networks etc.											
	Towers, poles, fixtures, overhead conductors, devices											
	Transformers											
	Switchgears, Control gear & Protection											
	Batteries											
	Others											
4	Communication equipment											
5	Meters											
6	Vehicles											
7	Furniture & fixtures											
8	Office Equipments											
9	Assets taken over & pending final valuation											
10	Any other items											
	<b>Total (1 to 10)</b>											

Note

- 1 Any depreciation reserve has been maintained and its operation
- 2 Subventions have to be also included for provision of depreciation
- 3 **Separate details be submitted for PY2, PY1, CY, and MYT control period**

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

**Domestic loans, bonds and financial leasing**

**Form No: F6A**

Sl. No.	Particulars	Opening Balance at the beginning of the year				Amount received during the year	Principal repayment		Interest			Closing Balance
		Principal not overdue	Principal overdue	Interest overdue	Total		Due	Paid	Due	Paid	%	
	<b>In Rs Crores</b>											
	<b>Financial Year*</b>											
<b>A</b>	<b>LONG-TERM</b>											
1	LIC											
2	REC											
3	PFC											
4	Bonds											
5	Bank											
6	APDRP											
7	Any Other											
8												
<b>B</b>	<b>SHORT-TERM</b>											
	<b>Total</b>											

\*Note:- Loanwise information to be provided for two Previous Years, Current Year & Control Period

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

**Details of Project specific loans**

**Form No: F6B**

Particulars	Package 1	Package 2	Package 3	Package 4	Package 5	Package 6	Package 7
1	2	3	4	5	6	7	8
Source of loan <sup>1</sup>							
Currency <sup>2</sup>							
Amount of loan sanctioned							
Amount of gross loan drawn upto 31.3.2009/COD <sup>3,4,5,13,15</sup>							
Interest type <sup>6</sup>							
Fixed Interest Rate, if applicable							
Base Rate, if Floating Interest <sup>7</sup>							
Margin, if Floating Interest <sup>8</sup>	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor <sup>9</sup>							
If above is yes,specify caps/floor							
Moratorium Period <sup>10</sup>							
Moratorium effective from							
Repayment Period <sup>11</sup>							
Repayment effective from							
Repayment Frequency <sup>12</sup>							
Repayment Instalment <sup>13,14</sup>							
Base Exchange Rate <sup>16</sup>							
Are foreign currency loan hedged?							
If above is yes,specify details <sup>17</sup>							

1 Source of loan means the agency from whom the loan has been taken such as WB, ADB, WMB, PNB, SBI, ICICI, IFC, PFC etc.

2 Currency refers to currency of loan such as US\$, DM, Yen, Indian Rupee etc.

3 Details are to be submitted as on 31.03.2009 for existing assets and as on COD for the remaining assets.

4 Where the loan has been refinanced, details in the Form is to be given for the loan refinanced. However, the details of the original loan is to

5 If the Tariff in the petition is claimed seperately for various transmission elements, details in the Form is to be given seperately for all the

6 Interest type means whether the interest is fixed or floating.

7 Base rate means the base as PLR, LIBOR etc. over which the margin is to be added. Applicable base rate on different dates from the date

8 Margin means the points over and above the floating rate.

9 At times caps/floor are put at which the floating rates are frozen. If such a condition exists, specify the limits.

10 Moratorium period refers to the period during which loan servicing liability is not required.

11 Repayment period means the repayment of loan such as 7 years, 10 years, 25 years etc.

12 Repayment frequency means the interval at which debt servicing is to be done such as monthly, quarterly, half yearly, annual, etc.

13 Where there is more than one drawal/repayment for a loan, the date & amount of each drawal/repayment may be given seperately

14 If the repayment instalment amount and repayment date can not be worked out from the data furnished above, the repayment schedule to

15 In case of Foreign loan, date of each drawal & repayment alongwith exchange rate at that date may be given.

16 Base exchange rate means the exchange rate prevailing as on 31.03.2009 for existing assets and as on COD for the remaining assets.

17 In case of hedging, specify details like type of hedging, period of hedging, cost of heging, etc.

18. At the time of truing up rate of interest with relevant reset date (if any) to be furnished seperately

19. At the time of truing up provide details of refinancing of loans considered earlier. Details such as date on which refinancing done, refinanced loan, financing and other charges incurred for refinancing etc.

(Details only in respect of loans applicable to the project under petition)

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

Exchange Rate at COD \_\_\_\_\_

Exchange Rate as on 31.03.2009 \_\_\_\_\_

(Amount in lacs)

S No.	Financial Year (Starting from COD)	Year 1				Year 2				Year 3 and so on			
		1	2	3	4	5	6	7	8	9	10	11	12
		Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)	Date	Amount (Foreign Currency)	Exchange Rate	Amount (Rs.)
	<b>Currency1<sup>1</sup></b>												
A. 1	At the date of Drawl <sup>2</sup>												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	<b>Currency2<sup>1</sup></b>												
A.1	At the date of Drawl <sup>2</sup>												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	<b>Currency3<sup>1</sup> &amp; so on</b>												
A. 1	At the date of Drawl <sup>2</sup>												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
B	In case of Hedging <sup>3</sup>												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												

<sup>1</sup> Name of the currency to be mentioned e.g. US \$, DM, etc. etc.

<sup>2</sup> In case of more than one drawl during the year, Exchange rate at the date of each drawl to be given.

<sup>3</sup> Furnish details of hedging, in case of more than one hedging during the year or part hedging, details of each hedging are to be given.

<sup>4</sup> Tax (such as withholding tax) details as applicable including change in rates, date from which change effective etc. must be clearly indicated.

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

(Amount in lacs)

S No	Particulars	Existing 2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	2	3	4	5	6	7	8
	<b>Loan-1</b>						
	Gross loan - Opening						
	Cumulative repayments of Loans upto previous year						
	Net loan - Opening						
	Add: Drawal(s) during the Year						
	Less: Repayment (s) of Loans during the year						
	Net loan - Closing						
	Average Net Loan						
	Rate of Interest on Loan on annual basis						
	Interest on loan						
	Loan repayment effective from (date to be indicated)						
	<b>Loan-2</b>						
	Gross loan - Opening						
	Cumulative repayments of Loans upto previous year						
	Net loan - Opening						
	Add: Drawal(s) during the Year						
	Less: Repayment (s) of Loans during the year						
	Net loan - Closing						
	Average Net Loan						
	Rate of Interest on Loan on annual basis						
	Interest on loan						
	Loan repayment effective from (date to be indicated)						
	<b>Loan-3 and so on</b>						
	Gross loan - Opening						
	Cumulative repayments of Loans upto previous year						
	Net loan - Opening						
	Add: Drawal(s) during the Year						
	Less: Repayment (s) of Loans during the year						
	Net loan - Closing						
	Average Net Loan						
	Rate of Interest on Loan on annual basis						
	Interest on loan						
	Loan repayment effective from (date to be indicated)						
	<b>Total Loan</b>						
	Gross loan - Opening						
	Cumulative repayments of Loans upto previous year						
	Net loan - Opening						
	Add: Drawal(s) during the Year						
	Less: Repayment (s) of Loans during the year						
	Net loan - Closing						
	Average Net Loan						
	Interest on loan						
	<b>Weighted average Rate of Interest on Loans</b>						

<sup>1</sup> In case of Foreign Loans, the calculations in Indian Rupees is to be furnished. However, the calculations in Original currency is

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

(Amount in lacs)

Sl. No.	Draw Down Particulars	Quarter 1			Quarter 2			Quarter n (COD)		
		Quantum in Foreign currency	Exchange Rate on draw down	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down	Amount in Indian Rupee	Quantum in Foreign currency	Exchange Rate on draw down date	Amount in Indian Rupee
<b>1</b>	<b>Loans</b>									
<b>1.1</b>	<b>Foreign Loans</b>									
1.1.1	<b>Foreign Loan 1</b>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange rate variation									
	Hedging Cost									
1.1.2	<b>Foreign Loan 2</b>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange rate variation									
	Hedging Cost									
1.1.3	<b>Foreign Loan 3</b>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange rate variation									
	Hedging Cost									
1.1.4	--									
<b>1.1</b>	<b>Total Foreign Loans</b>									
	Draw down Amount									
	IDC									
	Financing charges									
	Foreign Exchange rate variation									
	Hedging Cost									
<b>1.2</b>	<b>Indian Loans</b>									
1.2.1	<b>Indian Loan 1</b>									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
1.2.2	<b>Indian Loan 2</b>									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
1.2.3	<b>Indian Loan 3</b>									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges									
1.2.4	--									
<b>1.2</b>	<b>Total Indian Loans</b>									
	Draw down Amount	--	--		--	--		--	--	
	IDC	--	--		--	--		--	--	
	Financing charges	--	--		--	--		--	--	
<b>1</b>	<b>Total of Loans drawn</b>									
	<b>IDC</b>									
	<b>Financing charges</b>									
	<b>Foreign Exchange rate variation</b>									
	<b>Hedging Cost</b>									
<b>2</b>	<b>Equity</b>									
2.1	<b>Foreign equity drawn</b>									
2.2	<b>Indian equity drawn</b>	--	--		--	--		--	--	
	<b>Total equity deployed</b>									

**Note 1:** Drawal of debt and equity shall be on **paripassu basis quarter wise** to meet the commissioning schedule. Drawal of higher equity in the beginning is permissible.

2. Applicable interest rates including reset dates used for above computation may be furnished separately

3. In case of multi unit project details of capitalization ratio used to be furnished.



Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

(Amount in lacs)

Particulars	Package1	Package2	Package3	Package4	Package5	Remarks
1	2	3	4	5	6	7
Source of Loan <sup>1</sup>						
Currency <sup>2</sup>						
Amount of Loan sanctioned						
Amount of Gross Loan drawn upto 31.03.2009/COD <sup>3,4,5,13,15</sup>						
Interest Type <sup>6</sup>						
Fixed Interest Rate, if applicable						
Base Rate, if Floating Interest <sup>7</sup>						
Margin, if Floating Interest <sup>8</sup>	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No	Yes/No
Are there any Caps/Floor <sup>9</sup>						
If above is yes,specify caps/floor						
Moratorium Period <sup>10</sup>						
Moratorium effective from						
Repayment Period <sup>11</sup>						
Repayment effective from						
Repayment Frequency <sup>12</sup>						
Repayment Instalment <sup>13,14</sup>						
Base Exchange Rate <sup>16</sup>						
Are foreign currency loans hedged?						
If above is yes,specify details <sup>17</sup>						

	Distribution of loan packages to various projects					
Name of Projects						Total
Project 1						
Project 2						
Project 3 and so on						

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

**Details of Expenses Capitalised**

**Form No: F7**

All figures in Rs Crores

Sl.No.	Particulars	PY2	PY1	CY	Control Period		
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
	<b>PROJECT WISE</b>						
1	Interest & Finance charges Capitalised						
2	Other expenses capitalised:						
	a. Employee expenses						
	b. R&M Expenses						
	c. A&G Expenses						
	<b>Total of 2</b>						
	<b>Grand Total</b>						









Name of the Transmission Licensee : _____							
Name of Region: _____							
Name of the Project : _____							
Name of the Transmission Element : _____							
<b>Working Capital Requirements</b>						<b>Form No: F11</b>	
						(Rs Crores)	
Sl.No.	Particulars	PY2	PY1	CY	Control Period		
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
1	O&M expenses						
a.	R&M expenses						
b.	A&G expenses						
c.	Employee expenses						
d.	1/12th of total						
2	Receivables						
a.	Annual revenues from tariffs and charges						
b.	Receivables equivalent to 2 months average billing						
3	Maintenance Spares (40% of R&M Expense of 1 Month)						
4	Less: Consumer Security Deposit						
<b>Total Working Capital</b>							

**Abstract of Admitted Capital Cost for the existing Projects**

Form No: F12

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

<b>Capital cost as admitted by Commission</b>	
<b>Capital cost admitted as on -----</b>	
(Give reference of the relevant Commission Order with Petition No. & Date)	
Foreign Component, if any (In Million US \$ or the relevant Currency)	
Domestic Component (Rs. Cr.)	
Foreign Exchange rate considered for the admitted Capital cost	
Hedging Cost, if any, considered for the admitted Capital cost	
<b>Total Capital cost admitted (Rs. Cr)</b>	



Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

**Capital Cost Estimates**

Board of Director/ Agency approving the project cost estimates:

Date of approval of the Capital cost estimates:

	<b>Present Day Cost</b>	<b>Completed Cost</b>
Price level of approved estimates	As of End of Qtr. Of the year	As on Scheduled COD of the Station

Foreign Exchange rate considered for the capital cost estimates

**Capital Cost excluding IDC & FC**

Foreign Component, if any (In Million US \$ or the relevant Currency)

Domestic Component (Rs. Cr.)

**Capital cost excluding IDC, FC, FERV & Hedging Cost (Rs. Cr)**

**IDC, FC, FERV & Hedging Cost**

Foreign Component, if any (In Million US \$ or the relevant Currency)

Domestic Component (Rs. Cr.)

**Total IDC, FC, FERV & Hedging Cost (Rs.Cr.)**

Rate of taxes & duties considered

**Capital Cost including IDC, FC, FERV & Hedging Cost**

Foreign Component, if any (In Million US \$ or the relevant Currency)

Domestic Component (Rs. Cr.)

**Capital cost including IDC, FC, FERV & Hedging Cost (Rs. Cr)**

**Schedule of Commissioning**

COD of Unit-I/Block-I

COD of Unit-II/Block-II

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COD of last Unit

Note:

1. Copy of approval letter should be enclosed.
2. Details of capital cost are to be furnished as per FORM-5B or 5C as applicable.
3. Details of IDC & Financing Charges are to be furnished as per FORM-14.

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

S. No	Break down	Cost in Rs crore			Variation	Reasons for variation	Admitted cost
		Original Cost as approved by Authority	Cost on COD	Liabilities/Provisions			
1	2	3	4	5	6=(3-4-5)	7	8
<b>A</b>	<b>TRANSMISSION LINE</b>						
1.0	Preliminary works						
1.1	Design & Engineering						
1.2	Preliminary investigation, Right of way, forest clearance, PTCC, general civil works etc.						
1.3	Total Preliminary works						
2.0	Transmission Lines material						
2.1	Towers Steel						
2.2	<b>Conductor</b>						
2.3	Earth Wire						
2.4	Insulators						
2.5	Hardware Fittings						
2.6	Conductor & Earthwire accessories						
2.7	Spares						
2.8	Erection, Stringing & Civil works including foundation						
2.9	<b>Total Transmission Lines material</b>						
3.0	Taxes and Duties						
3.1	Custom Duty						
3.2	Other Taxes & Duties						
	<b>Total Taxes &amp; Duties</b>						
	<b>Total -Transmission lines</b>						
<b>B</b>	<b>SUBSTATIONS</b>						
4	Preliminary works & land						
4.1	Design & Engineering						
4.2	Land						
4.3	Site preparation						
	<b>Total Preliminary works &amp; land</b>						
5	Civil Works						
5.1	Control Room & Office Building including HVAC						
5.20	Township & Colony						
5.30	Roads and Drainage						
5.4	Foundation for structures						
5.5	Misc. civil works						
	<b>Total Civil Works</b>						
6.0	<b>Substation Equipments</b>						
6.1	Switchgear (CT,PT, Circuit Breaker, Isolator etc)						
6.2	Transformers						
6.3	Compensating Equipment( Reactor, SVCs etc)						
6.4	Control, Relay & Protection Panel						
6.5	PLCC						
6.6	HVDC package						
6.7	Bus Bars/ conductors/Insulators						
6.8	Outdoor lighting						
6.9	Emergency D.G. Set						
6.10	Grounding System						
6.11	Structure for switchyard						
	<b>Total substation equipments</b>						
7	<b>Spares</b>						
8	<b>Taxes and Duties</b>						
8.1	Custom Duty						
8.2	Other Taxes & Duties						
8.3	Total Taxes & Duties						
	<b>Total (Sub-station)</b>						
9	<b>Construction and pre-commissioning expenses</b>						
9.1	Site supervision & site admn.etc.						
9.2	Tools and Plants						
9.3	construction Insurance						
	<b>Total Construction and pre commissioning expenses</b>						
10.0	<b>Overheads</b>						
10.1	Establishment						
10.2	Audit & Accounts						
10.3	Contingency						
	<b>Total Overheads</b>						
11	<b>Project cost without Total Cost (Plant &amp; Equipment)</b>						
12	<b>Total Cost (Plant &amp; Equipment)</b>						
12.1	Interest During Construction (IDC)						
12.2	Financing Charges (FC)						
12.3	Foreign Exchange Rate Variation (FERV)						
12.4	Hedging Cost						
	<b>Total of IDC, FC, FERV &amp; Hedging Cost</b>						
13	<b>Capital cost including IDC, FC, FERV &amp; Hedging Cost</b>						

1. In case of time & Cost over run, a detailed note giving reasons of such time and cost over run should be submitted clearly bringing out the agency responsible and whether such time & cost over run was beyond the control of the generating company.

## Financial Package upto COD

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

Project Cost as on COD1 \_\_\_\_\_

Date of Commercial Operation of the Transmission element2 \_\_\_\_\_

(Amount in lacs)

1	Financial Package as Approved		Financial Package as on COD		As Admitted on COD	
	Currency & Amount <sup>3</sup>		Currency & Amount <sup>3</sup>		Currency & Amount <sup>3</sup>	
	2	3	4	5	6	7
<b>Debt</b>						
Loan-I	US \$	200m				
Loan-II						
Loan-III						
and so on						
<b>Equity-</b>						
Foreign						
Domestic						
Total Equity						
<b>Debt : Equity Ratio</b>						

<sup>1</sup> Say US \$ 200m + Rs.400 Cr or Rs.1360 Cr including US \$200m at an exchange rate of 1US \$=Rs.48/-<sup>2</sup> Date of Commercial Operation means Commercial Operation of the last unit<sup>3</sup> For example : US \$, 200M etc.etc



Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

Date of Commercial Operation of the Transmission element \_\_\_\_\_

(Amount in lacs)

Financial Year (Starting from COD)	Actual					Admitted				
	Year1 <sup>1</sup>	Year2	Year3	Year4	Year 5 & So on	Year1	Year2	Year3	Year4	Year 5 & So on
1	2	3	4	5	6	7	8	9	10	11
<b>Amount capitalised in Work/Equipment</b>										
<b>Financing Details</b>										
<b>Loan-1</b>										
<b>Loan-2</b>										
<b>Loan-3 and so on</b>										
<b>Total Loan<sup>2</sup></b>										
<b>Equity</b>										
<b>Internal Resources</b>										
<b>Others</b>										
<b>Total</b>										

<sup>1</sup> Year 1 refers to Financial Year of COD and Year 2, Year 3 etc. are the subsequent financial years respectively.

<sup>2</sup> Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevant.

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

**Share Capital and Reserves & Surplus**

**Form No: F18**

(Rs Crores)

Sl. No.	Particulars	Opening Balance	Additions during the year	Withdrawals (Purpose to be indicated in)	Closing Balance	Remarks
	<b>Financial Year</b>					
<b>A</b>	<b>SHARE CAPITAL</b>					
1	Equity Capital					
<b>B</b>	<b>RESERVES</b>					
1	General Reserve					
2	Capital Reserve					
3	Sinking Fund Reserve for repayment of Borrowings					
4	Material Cost variance reserve					
5	Exchange rate variance reserve					
6	Property Insurance reserve					
7	<b>Sub-total of Reserves</b>					
<b>C</b>	<b>SURPLUS</b>					
1	Surplus					
2	<b>Sub-total of Surplus</b>					
<b>D</b>	<b>Net Worth (A + B + C)</b>					

**Note: Separate details shall be submitted for two previous years, current year and over MYT period**

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

Date of Commercial Operation of the Transmission element \_\_\_\_\_



**Losses in the system** **Form No: P1**

All Figures in MU

	Particulars	PY2	PY1	CY	Control Period			Remarks
		FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)	
<b>A</b>	<b>Losses in EHT System (400 kV)</b>							
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	<b>Total Loss in the system (4/1)</b>							
<b>B</b>	<b>Losses in EHT System (220 kV)</b>							
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	<b>Total Loss in the system (4/1)</b>							
<b>C</b>	<b>Losses in EHT System (132 kV)</b>							
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	<b>Total Loss in the system (4/1)</b>							
<b>D</b>	<b>Losses in EHT System (66 kV)</b>							
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	<b>Total Loss in the system (4/1)</b>							
<b>E</b>	<b>Overall Losses</b>							
1	Energy In (A1+B1+C1+D1)							
2	Energy Lost (A4+B4+C4+D4)							
3	Total T&D Loss (2/1)							







Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

Date of Commercial Operation of the Transmission element \_\_\_\_\_

**Voltage Profile**

**Form No: P3**

Sl.No.	Particulars Substation wise*	First six months of FY (n-1)		Last six months of FY (n-1)		CY (n)		Corrective measures proposed
		Percentage of time		Percentage of time		Percentage of time		
		when voltage was		when voltage was		when voltage was		
	At 220/132/66 kv side of transformer (incoming point of 220 kv/132kV/66KV bus)	below	above	below	above	below	above	
	<i>Include all feeders</i>	(9%)	(6%)	(9%)	(6%)	(9%)	(6%)	
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								

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

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

Date of Commercial Operation of the Transmission element \_\_\_\_\_

**Frequency Excursion**

**Form No: P4**

S.No	Particulars	First six months of FY (n-1)		Last six months of FY (n-1)		CY (n)		Reasons For Failure
		< 48.5 Hz	> 50.5 Hz	< 48.5 Hz	> 50.5 Hz	< 48.5 Hz	> 50.5 Hz	
1	April							
2	May							
3	June							
4	July							
5	August							
6	September							
7	October							
8	November							
9	December							
10	January							
11	February							
12	March							
	<b>Total</b>							



Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

Date of Commercial Operation of the Transmission element \_\_\_\_\_

**Failure of Transformers**

**Form No: P6**

S.No	Particulars		FY (n-2)		FY (n-1)		FY (n)		Reasons For Failure & Corrective Actions proposed to minimise
			Number	%	Number	%	Number	%	
1	EHT Transformer	Auto Transformer							
		Power Transformer							
2	Power Transformer (HT)								

Note:- Provide the number of total and type of transformers

Name of the Transmission Licensee : \_\_\_\_\_

Name of Region: \_\_\_\_\_

Name of the Project : \_\_\_\_\_

Name of the Transmission Element : \_\_\_\_\_

Date of Commercial Operation of the Transmission element \_\_\_\_\_

**Major System Disturbances (Grid Disturbances)**

**Form No: P7**

Sl.No.	Particulars	PY2	PY1	FY (n)
		FY (n-2)	FY (n-1)	
1	Number of disturbances ( Major Grid Collapse)			
2	Total Duration of Disturbances			
3	Estimated unserved energy due to such interruption			
4	Number of occasions when State system was isolated from the Regional Grid due to system disturbance affecting power supply in the State.			
5	Number of occasions when system remained stable after having being isolated from the Regional Grid due to system disturbance.			
6	Remedial measures to prevent grid System disturbance.			



Name of the Transmission Licensee : \_\_\_\_\_

Name of Region:

Name of the Project : \_\_\_\_\_

Name of the Transmission Element :

Date of Commercial Operation of the Transmission element \_\_\_\_\_

Peak Demand in MW

Form No: P9

Sl.No.		PY5	PY4	PY3	PY2	PY1	CY	Control Period		
		FY (n-5)	FY (n-4)	FY (n-3)	FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
1	Peak Period									
	a) Winter									
	b) Summer									
	c) Other									
2	Maximum Peak Demand									
	a) Restricted									
	b) Unrestricted									
3	Peak Availability Assessed By Transco									
4	Shortfall in meeting Peak Demand									
	a) Restricted									
	b) Unrestricted									

Notes:- 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.