NAME OF TRANSMISSION LICENSEE

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

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Instru	ctions for the Trai	nsmission Licensee
mstru	etions for the fru	in the second declaration of the second seco
1)		
$\frac{1}{2}$		
<i>2</i>)		
ΡV	Previous Vear D	act Vear
CV	Current Vear	uor 1 vui
CP	Control Period	
CP	Control Period	

<u>Name of Transmission Licensee</u> Annual Revenue Requirement

Form No: S1

All figures in Rs Crores

		2214		~	Control Deriod				
S. No.	Particulars	PY2	PY1	CY		Control Per	riod		
	~	FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)		
	Energy Input into the system (MU)								
	Energy sold to consumers (MU)								
	Transmission Loss %								
	Transmission Cost per unit (Rs/U)								
1	Receipts								
a	Revenue from tariffs & Miscell. Charges								
b	Revenue Subsidy from government								
	Total								
2	Expenditure								
a	SLDC Fees & Charges								
b	O&M Expenses								
	i) R&M Expense								
	ii) Employee Expenses								
	iii) A&G Expense								
c	Depreciation								
d	Interest & Finance Charges								
e	Less: Interest & other expenses capitalised								
f	Other Debits (incl. Prov for Bad debts)								
g	Extraordinary Items								
h	Other (Misc.)-net prior period credit/(charges)								
	Total								
3	Reasonable Return								
4	Other Income								
5	Annual Revenue Requirement (2)+(3)-(4)								
6	Surplus(+) / Shortfall(-) : (1)-(5)								
	before tariff revision								
7	Tariff Revision Impact								
8	Surplus(+) / Shortfall(-) : (6)-(7)								
	after tariff revision								

Return on	Return on Equity Form No: S2											
						(Rs Crores)						
S No	Particulars	PY2	PY1	CY								
5. 110.	1 articulars	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 ¹											
	Return on Equity											

¹ Return on Equity shall be 14% (post tax).

			<u>N</u> :	ame of Tra	ansmis	sion Lice	nsee												
Energy Balance: Energy Inpu	ut & Cost of Power							F	orm N	lo: S3									
																	All Fig	ures in	MU
Particulars		Р	revious	Year	P	revious	Year	C	urrent	t Year					Contro	ol Period			
		FY (n-2)			FY (n-1)		FY (n)		FY (n+1)		+1)	FY (n+2)		FY (n+3)		3)			
		%	MÜ	Rs.Cr	%	MÙ	Rs.Cr	%	MU	Rs. Cr.	%	MÙ	Rs. Cr.	%	MU	Rs. Cr.	%	MÙ	Rs.Cr.
1 Energy Input																			
a) Energy from HPSEB S	Stations																		
b) Bhakra Beas Manager	ment Board																		
c) NTPC stations																			
d) NHPC stations																			
e) Energy from Other So	urces																		
f) Free Power and Equity	y Power																		
Total Energy Availabil	ity (a+b+c+d+e+f)																		
2 Intra State Transmissio	on Loss																		
3 Intra State Sale - Energ	gy transmitted to:																		
a) Discoms																			
b) Open Access Consum	ers																		
Total Energy Sales (a+	b)																		
4 Energy to be transmitte	ed for inter state sale																1		

DETAILS OF TRANSMISSION LINES & SUBSTATIONS

Form No.: FS5

Name of Region: Name of the Project : Name of the Transmission Element :

Transmission lines

S.NO.	Name of line	Type of line AC/HVDC	S/C or D/C	No. of Sub- Conductors	Voltage level kV	Line length CktKm.	Date of Commercia l Operation	Covered i pe	n the present tition
								X 7 / X 1	If No, petition
								Y es/No	NO.
1									
2									
3									

Sub-Stations

S.NO.	Name of Sub- Station	Type of Substation Conventional/GIS/ HVDC terminal/HVDC back to back	Voltage level KV	No. of Transformers/ Reactors/SVC etc (with capacity)		No. c	of Bays		Date of Commercial Operation	Covered	in the present etition
				/	765 KV	400KV	22.0KV	132KV& below		Yes/No	If No, petition
1					,					1 00/110	
2											
3											

Name of theTransmission Licensee :

Name of Region:

Name of the Project : _____

Name of the Transmission Element :

Repair & Maintenance Expenditure

Sl.No.	Particulars	PY2	PY1	CY	С	Control Period	
	Figure in Rs Crore	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)						
	Total						

Name of theTransmission Licensee : ______ Name of Region: Name of the Project : _____ Name of the Transmission Element :

Employee Cost and Provisions

		Particulars (Rs in lakhs)	PY2	PY1	СҮ	С	ontrol Peri	bd
A		Wing Wise Details - FAO, Civil, Head Office, etc	FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
В		Employee's Cost						
	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	Tution Fee Re-Imbursement						
	10	Leave Salary Contribution						
	11	Payment Under Workman'S Compensation And Gratuity						
	12	Subsidised Electricity To Employees						
	13	Staff Welfare Expenses						
С		Apprentice And Other Training Expenses						
D		Payment/Contribution To PF Staff Pension And Gratuity						
	1	Terminal Benefits						
		a) Provident Fund Contribution						
		b) Provision for PF Fund						
		c) Pension Payments						
		d) Gratuity Payment						
	2	Any Other Items						
		Total D						
Е		Bonus/Exgratia To Employees						
F		Grand Total						
C		Chargeable To Construction Works						
U		Balance Item 'F' Apropriate For (F)-(G)						
		Relevant Indices Of Wages Increase (As At The Beginning						
		& End Of The Year)						
		WPI						
		СРІ						
		D.A Rate						

Name of theTransmission Licensee :
Name of Region:
Name of the Project :
Name of the Transmission Element :

Employee strength

S. No	Particulars	P	Y2	P	Y1	CY FY (n)		
		FY	(n-2)	FY	(n-1)			
		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							

FY (n+1)	FY (n+2)	FY (n+3)
Working Strength At The Beginning Of The YearSanctioned Strength At The Beginning Of The Year	orking Strength At Be Beginning Of Year The Year	h Working Strength At Of The Beginning Of The Year The Year

Adminstration & General Expenses

Admin	stration & General Expenses			Form No: F4			
S.No.	Particulars	PY2	PY1	СҮ	C	ontrol Peri	iod
	In Rs Crores	FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)
A)	Administration Expenses						
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						
	Sub-Total of Administrative Expenses						
B)	Other Charges						
1	Fee And Subscriptions Books And Periodicals						
2	Printing And Stationery						
	Advertisement Expenses (Other Than Purchase Related) Exhibition &						
3	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						
	Sub-Total of other charges						
C)	Legal Charges						
-/							
D)	Auditor'S Fee						
- /							
E)	Frieght - Material Related Expenses						
F)	Direction And Supervision Charges				1		
					1		
G)	Total Charges					<u> </u>	<u> </u>
<i></i> ,						<u> </u>	<u> </u>
H)	Total Charges Chargeable To Canital Works						
,	Tom charges chargeable to capital froms						
D	Total Charges Chargeable to Revenue Expenses					<u> </u>	<u> </u>
-,	B B B					1	1

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

Fixed Assets and Provision for Depreciation

							FY					
	in Rs Cr		Gross Fixed A	Assets		Provision For Depreciation				Net Fixed Assets		
		At Beginning	Addition	Adjustments &	At End	Rate of	At Beginning	Addition	Adjustments &	At End	At Beginning	At the End
S.No	Particulars	of Year	During Year	Deduction	Of Year	Depreciation	of Year	During Year	Deduction	Of Year	of Year	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, ploes, 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											
	Total (1 to 10)											

Form no.F5

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 theTransmission Licensee : ______ Name of Region: Name of the Project : ______ Name of the Transmission Element :

Domestic loans, bonds and financial leasing

Form No: F6A

SI. No.	Particulars	Opening Bala	ance at the b	eginning of	the year	Amount received during the year	Prin repa	icipal yment	l Interest		est	Closing Balance
	In Rs Crores	Principal not overdue	Principal overdue	Interest overdue	Total		Due	Paid	Due	Paid	%	
	Financial Year*											
												1
Α	LONG-TERM											
1	LIC											
2	REC											
3	PFC											
4	Bonds											
5	Bank											
6	APDRP											
7	Any Other											
8												
В	SHORT-TERM											
					ļ							ļ
	Total											

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

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

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 refinaced. However, the details of the original loan is to

5 If the Tariff in the petition is claimed separately for various transmission elements, details in the Form is to be given separately 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/repayement 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 separately

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)

	<i>.</i>										(Amount in	lacs)	
S No.	Financial Year (Starting from COD)		Year 1				Year 2				Year 3	8 and so on	
	1	2	3	4	5	6	7	8	9	10	11	12	13
		Date	Amount	Exchange	Amount	Date	Amount	Exchange	Amount	Date	Amount	Exchange	Amount
			(Foreign	Rate	(Rs.)		(Foreign	Rate	(Rs.)		(Foreign	Rate	(Rs.)
			Currency)				Currency)				Currency)		
	Currency1 ¹												
A. 1	At the date of Drawl ²												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
В	In case of Hedging ³												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	Currency2 ¹												
A.1	At the date of Drawl ²												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
В	In case of Hedging ³												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												
	Currency3 ¹ & so on												
A. 1	At the date of Drawl ²												
2	Scheduled repayment date of principal												
3	Scheduled payment date of interest												
4	At the end of Financial year												
В	In case of Hedging ³												
1	At the date of hedging												
2	Period of hedging												
3	Cost of hedging												

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

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

³ 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.

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

Calculation of Weighted Average Rate of Interest on Actual Loans¹

Name of the Transmission Licensee : _____

Name of Region:

Name of the Project : ____

Name of the Transmission Element :

SNoParticularyExisting 2009-02009-102019-112012-132013-14IC3445566778IIonal-3445566778Gress loan - OpeningIonal-Ional-Ional-Ional-Ional-Ional-Cumulative repayments of Loans upto previous yearIonal-Ional-Ional-Ional-Ional-Ional-Net loan - OpeningIonal-Ional-Ional-Ional-Ional-Ional-Ional-Add. Drawal(s) during the YearIonal-Ional-Ional-Ional-Ional-Ional-Ional-Net loan - ClosingIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ional-Rate of Interest on IonanIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ional-Ionar OpeningIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ional-Ionar OpeningIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ional-Ionar OpeningIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ional-Ionar OpeningIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ionar OpeningIonal-Ional-Ional-Ional-Ional-Ional-Ional-Ionar OpeningIonal-Ional-Ional-Ional-I								(Amount in lacs
3'NO 1000-10 2010-11 2011-12 2017-13 2017-13 2017-13 2017-13 2017-13 2017-14 2017-13 2017-13 2017-13 2017-14 2017-13 2017-14 2017-14 2017-13 2017-14 2017-14 2017-13 2017-14 2	S No	Porticulars	Existing					
1 2 3 4 5 6 7 8 Gross loan - Opening Image: State of the state o	5 110	T al ticular s	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Loan-1 Image: Construction of Loans up to previous year Image: Construction of Lo	1	2	3	4	5	6	7	8
Gross loan - Opening		Loan-1						
Cumulative repayments of Loans upto previous year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment of Cumulative repayment of Cumulative repayment of Cumulative repayments of Loans upto previous year Image: Cumulative repayments of Loans upto previous year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment of Loans upto previous year Image: Cumul		Gross loan - Opening						
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Net loan - Opening Image: Construction of the second o		Cumulative repayments of Loans upto previous year						
Add: Drawa(s) during the Year Image: Construction of the Year Image: Construction of the Year Net Ioan - Closing Image: Construction of the Year Image: Construction of the Year Rate of Interest on Loan on annual basis Image: Construction of the Year Image: Construction of the Year Loan repayment effective from (date to be indicated) Image: Construction of the Year Image: Construction of the Year Cumulative repayment of Loans upto previous year Image: Construction of the Year Image: Construction of the Year Add: Drawa(s) during the Year Image: Construction of the Year Image: Construction of the Year Image: Construction of the Year Add: Drawa(s) during the Year Image: Construction of the Year Image: Construction of the Year Image: Construction of the Year Add: Drawa(s) during the Year Image: Construction of the Year Image: Construction of the Year Image: Construction of the Year Loan repayment effective from (date to be indicated) Image: Construction of the Year Image: Construction of the Year Image: Construction of the Year Loan repayment effective from (date to be indicated) Image: Construction of the Year		Net loan - Opening						
Less: Repayment (s) of Loans during the year Image: Closing Image: Closing Average Net Loan Image: Closing Image: Closing Rate of Interest on Loan on annual basis Image: Closing Image: Closing Loan repayment effective from (date to be indicated) Image: Closing Image: Closing Cumulative repayment s of Loans upto previous year Image: Closing Image: Closing Add: Drawa(s) during the Year Image: Closing Image: Closing Image: Closing Add: Drawa(s) during the Year Image: Closing Image: Closing Image: Closing Image: Closing Net loan - Closing Image: Closing Image: Closing Image: Closing Image: Closing Image: Closing Average Net Loan Image: Closing Image: Closing<		Add: Drawal(s) during the Year						
Net loan		Less: Repayment (s) of Loans during the year						
Average Net Loan Interest on Loan on annual basis Image: Comparison of Comparison		Net loan - Closing						
Rate of Interest on Loan on annual basis		Average Net Loan						
Interest on loan Image: Constraint of the second secon		Rate of Interest on Loan on annual basis						
Loan repayment effective from (date to be indicated) Image: Construction of the indicated of the		Interest on loan						
Loan-2 Image: Construct on the second se		Loan repayment effective from (date to be indicated)						
Gross loan - Opening Image: Cumulative repayments of Loans upto previous year Image: Cumulative repayments of Loans upto previous year Image: Cumulative repayments of Loans upto previous year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayments of Loans upto previous year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment (s) of Loans during the year Image: Cumulative repayment of Loans upto previous year Image: Cumulative repayment of Loans upto		Loan-2						
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Gross loan - OpeningImage: Computative repayments of Loans upto previous yearImage: Computative repayment yearImage: Computative re								
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Average Net Loan Interest on loan Interest on loan Interest on Loans		Net Ioan - Closing						
Weighted average Rate of Interest on Loans		Average Net Loan						
Weighted average Rate of Interest on Loans								
		Weighted average Rate of Interest on Loans						

Name of the Transmission Licensee : Name of Region:

Name of the Project : _____ Name of the Transmission Element :

·									(Amount in lacs)		
	Draw Down		Quarter 1			Quarter 2		Q	uarter n (COD)	
		Quantum	Exchange	Amount in	Quantum in	Exchange	Amount in	Quantum in	Exchange	Amount in	
		in Foreign	Rate on	Indian	Foreign	Rate on	Indian	Foreign	Rate on draw	Indian	
CL N.	Deutherlaue	annanan	duous down	Dunco	annan ar	duow down	Dunce	a of engin	down data	Dunce	
SI. NO.	rarticulars	currency	uraw uown	кирее	currency	uraw uown	кирее	currency	down date	кирее	
1	Loans										
1.1	Foreign Loans										
1.1.1	Foreign Loan 1										
	Draw down Amount										
	IDC										
	Eineneine ehenees										
	Foreign Exchange rate variation										
	Hedging Cost										
1.1.2	Foreign Loan 2										
	Draw down Amount										
	IDC										
	Financing charges										
	Foreign Exchange rate variation										
	Hadaina Cast	-									
	Hedging Cost	-									
L		ļ									
1.1.3	Foreign Loan 3	ļ									
L	Draw down Amount										
	IDC										
	Financing charges										
	Foreign Exchange rate variation	1	l	1	İ	l	l				
<u> </u>	Hedging Cost	ł	1		1	1	1			1	
<u> </u>	Traging Cost	<u> </u>									
114	<u> </u>		ł		ł	ł					
1.1.4											
<u> </u>		<u> </u>									
1.1	Total Foreign Loans										
	Draw down Amount										
	IDC										
	Financing charges										
	Foreign Exchange rate variation										
	Hedging Cost										
	Houging Cost										
12	Indian Loons										
1.2	Inulan Loans										
		-									
1.2.1	Indian Loan 1										
	Draw down Amount										
	IDC										
	Financing charges										
1.2.2	Indian Loan 2										
	Draw down Amount										
	IDC										
	Eineneine eherees										
	r maneing enarges										
1.5.5		ł						-			
1.2.3	Indian Loan 3										
L	Draw down Amount										
L	IDC										
	Financing charges										
1.2.4											
		1	1	İ	1	1					
1 2	Total Indian Loans	ł	1		1	1	1			1	
1.2	Draw down Amount	<u> </u>									
		+					ł				
	IDC										
	Financing charges										
1	Total of Loans drawn										
	IDC										
	Financing charges										
	Foreign Exchange rate variation										
	Hedging Cost	1					l			l	
<u> </u>		ł	1		1	1	1			1	
r	Fanity										
	Equity	-									
	Fousian conit- decent	<u> </u>									
2.1	roreign equity drawn										
2.2	Indían equity drawn										
L											
1	Total equity deployed										

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.

Applicable interest rates including reset dates used for above computation may be furnished separately
 In case of multi unit project details of capitalization ratio used to be furnished.

Details of Allocation of corporate loans to various projects

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

	Distributio	n of loan pac	kages to vario	ous 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 F	Expenses Capitalised		F	orm No: F7				
				All figures in	n 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)	
	PROJECT WISE							
1	Interest & Finance charges Capitalised							
2	Other expenses capitalised:							
	a. Employee expenses							
	b. R&M Expenses							
	c. A&G Expenses							
	Total of 2							
	Grand Total							

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

Contrib	ontributions, Grants and subsidies towards Cost of Capital Assets Form No: F8														
	All figures in Rs Crores														
SI No	Particulars		FY (n-2)			FY (n-1)		FY	(n)	FY (n+1)		FY (n+2)		FY (n+3)	
		Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Balance at the beginning of the year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year	Additions during the Year	Balance at the end of the Year
1	Consumer Contribution Towards Cost Of Capital Assets HT														
2	Subsidies Towards Cost Of Capital Asset														
3	Grant Towards Cost Of Capital Assets														
	Total														

Name of theTransmission Licensee :	
Name of Region:	
Name of the Project :	
Name of the Transmission Element :	

Projectwise / Schemewise Capital Expenditure

	TRANSMISSION PROGRAMME												
Part	A: PROPOSED TRANSMISSION WORKS												
S	Name of the Transmission Line & Associated	I ongth of	Estimted	Cumulative	Fund	Completion	PY2	PY1	CY	0	Control Peri	od	
S. No.	Substations	Line	Cost	Expenditure till March 2005	Requirement	Programme / Remarks	FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)	
1	2	3	4	5	6	7		9	10	11	12	13	
I.	400 KV LINES												
1													
2													
3													
	SUB TOTAL (II) (400kV LINES)												
II.	400 KV SUB STATIONS												
1													
2													
3													
	SUB TOTAL (II) (400KV S/S)												
III.	220 KV LINES :												
1										-			
2													
3				-									
	SUB TOTAL (III) (220KV LINES)												
IV.	220 KV SUB STATIONS												
1													
2													
3													
v	122 KV LINES												
v .	132 KV LINES												
3													
6													
0	SUB TOTAL (IV)(132KV LINES)												
VI	132 KV SUB STATIONS						<u> </u>				<u> </u>		
1	152 KV SUD STATIONS		-										
2													
3				1									
	UB TOTAL (VI)(132KV SUB-STATIONS)						1				1		
VII.	MISC. WORKS						1				1		
1										1			
2										1			
3													
	SUB TOTAL (VII) MISC. WORKS												
	GRAND TOTAL (I-VII) (PART - A)												

Name of the Transmission Licensee : _____

Name of Region:

	Capital Works In Progress Form No. 10													
	TRANSMISSION PROGRAMME													
	FY (n-2) FY (n-1)													
S. No.	Particulars	Opening Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance				
1	Project 1													
2	Project 2													
3	Project 3													
	TOTAL													

	TRANSMISSION PROGRAMME FROM 2008-09 TO 2013-14														
	FY (n)		FY (n+1)			FY (n+2)				FY (n+3)				
Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance	Additions	Capitalisation	Adjustments	Closing Balance

Name o	of the Transmission Licensee :						
Name of	of Region:						
Name of	of the Project :						
Name of	of the Transmission Element :						
Worki	ng Capital Requirements					Fo	rm No: F11
							(Rs Crores)
SI No	Doutionlose	PY2	PY1	CY	C	ontrol Per	iod
51.140.	Particulars	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						
с.	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						
	Total Working Capital						

Abstract of Admitted Capital Cost for the existing Projects

Form No: F12

Name of theTransmission Licensee : ______ Name of Region: Name of the Project : ______ Name of the Transmission Element :

Capital cost as admitted by Commission	
Capital cost admitted as on	
(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	
Total Capital cost admitted (Rs. Cr)	

Abstract of Capital Cost Estimates and Schedule of Commissioning for	the New I	Projects
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I

Name of the Transmission Licensee : ____

Name of Region:

Name of the Project : ____

Name of the Transmission Element :

<u>Capital Cost Estimates</u>

Board of Director/ Agency approving the project cost estimates:

Date of approval of the Capital cost estimates:			
	Present D	ay Cost	Completed Cost
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 co	ost estimates		
<u> </u>	Capital Cost exclud	ing IDC & FC	1
Foreign Component, if any (In Million US \$ or the	relevant Currency)		
Domestic Component (Rs. Cr.)			
Contraction of the IDC EC EEDV & Holds			
Capital cost excluding IDC, FC, FERV & Hedgi	ing Cost (Rs. Cr)		
	DC EC FEDV &	Hodging Cost	
	IDC, FC, FERV &	Heuging Cost	
Foreign Component if any (In Million US \$ or the	relevant Currency)		
r oreign component, ir uny (in winnon es a or me	Televant Carreney)		
Domestic Component (Rs. Cr.)			
Total IDC, FC, FERV & Hedging Cost (Rs.Cr.)			
Rate of taxes & duties considered			
			·
<u>Capital Cos</u>	t including IDC, FO	C, FERV & Hedg	ing Cost
Foreign Component, if any (In Million US \$ or the	relevant Currency)		
Domestic Component (Rs. Cr.)			
Capital cost including IDC, FC, FERV & Hedgi	ng Cost (Rs. Cr)		
	Schedule of Con	imissioning	
COD of Unit L/Ploole L			
COD of Unit-II/Block-II			
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.

Element wise Break up of Capital Cost Name of theTransmission Licensee : _____

Name of Region: Name of the Project : ____

Name of the Transmission Element :

S. No	Break down	Co	ost in Rs cror	e	Variation	Reasons for	Admitted cost
		Original Cost	Cost on	Liabilities/		variation	
		as approved	COD	Provisions			
		by Authority					
1	2	3	4	5	6=(3-4-5)	7	8
A	TRANSMISSION LINE						
1.0	Design & Engineering						
1.1	Priliminary 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	Conductor						
2.3	Earth Wire						
2.4	Hardware Fittings						
2.6	Conductor & Earthwire accessories						
2.7	Spares						
2.8	Erection, Stringing & Civil works including foundation						
2.9	Total Transmission Lines material						
3.0	Taxes and Duties						
3.1	Other Taxes & Duties						
5.2	Total Taxes & Duties	1					
	Total -Transmission lines						
B	SUBSTATIONS						
4	Preliminary works & land						
4.1	Design & Engineering						
4.2	Land						
4.5	Sile preparation Total Preliminary works & land						
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	Total Civil Works						
6.0	Substation Equipments						
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						
6.6	HVDC nackage						
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						
7	Snares						
8	Taxes and Duties	1					
8.1	Custom Duty						
8.2	Other Taxes & Duties						
8.3	Total Taxes & Duties	<u> </u>					
0	101a1 (SUD-Station) Construction and pro-commissioning expenses						
91	Site supervision & site admn etc.						
9.2	Tools and Plants						
9.3	construction Insurance						
	Total Construction and pre commissioning expenses						
10.0	Overheads	<u> </u>					
10.1	Estaulishment						
10.2	Contingency						
10.5	Total Overheads	1					
11	Project cost without Total Cost (Plant & Equipment)						
12	Total Cost (Plant & Equipment)						
12.1	Interest During Construction (IDC)						
12.2	Financing Charges (FC)						
12.3	Hedging Cost						
	Total of IDC, FC, FERV & Hedging Cost						
13	Capital cost including IDC, FC, FERV & Hedging Cos	t					

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

Form No: F15

Name of theTransmission 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 la	ics)		
	Financial Pac	kage as Approved	Financial Packa	age as on COD	As Admitted on COD			
	Currenc	y & Amount ³	Currency	& Amount ³	Currency & Amount ³			
1	2	3	4	5	6	7		
Debt								
Loan-I	US \$	200m						
Loan-II								
Loan-III								
and so on								
Equity-								
Foreign								
Domestic								
Total Equity								
Debt : Equity Ratio								

¹ Say US \$ 200m + Rs.400 Cr or Rs.1360 Cr including US \$200m at an exchange rate of 1US \$=Rs.48/-

² Date of Commercial Operation means Commercial Operation of the last unit

³ For example : US \$, 200M etc.etc

Statement of Additional Capitalisation after COD

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 _

S. No	Year	Work/Equipment added after COD up to Cut off Date/ Beyond Cut off Date	Work/Equipment added after COD and Beyond Cut off Date	Amount Capitalised/ Proposed to be Capitalised	Whether equipment has been insured & amount claimed from insurance proceeds	Regulation under which claimed	Justification	Admitted Cost ¹
1	2	3	4	5	6	7	8	9
	Total							

¹ In case of the project has been completed and any tariff notification(s) has already been issued in the past by GoI, fill column 9 giving the cost as admitted for the purpose of tariff notification already issued by (Name of the authority) (Enclose copy of the tariff Order)

Note:

1. Fill the form in chronological order year wise along with detailed justification clearly bringing out the necessity and the benefits accruing to the beneficiaries.

2. In case initial spares are purchased alongwith any equipment , then the cost of such spares should

be indicated separately,e.g. Rotor- 50 Crs. Initial spares - 5 Crs.

Financing of Additional Capitalisation

Name of theTransmission Licensee :

Name of Region:

Name of the Project : _____

Name of the Transmission Element :

Date of Commercial Operation of the Transmission element

*										(Amount in lacs)	
			Actual			Admitted					
Financial Year (Starting from COD)	Year1 ¹	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	
Amount capitalised in											
Work/Equipment											
Financing Details											
Loan-1											
Loan-2											
Loan-3 and so on											
Total Loan ²											
Equity											
Internal Resources											
Others											
Total											

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

² Loan details for meeting the additional capitalisation requirement should be given as per FORM-7 or 8 whichever is relevent.

Name of the Transmission Element :

Share Capital and Reserves & Surplus

Form No: F18

						(Rs Crores)
Sl. No.	Particulars	Opening Balance	Additions during	Withurawais (Durpose to be indicated in	Closing Balance	Remarks
	Financial Year					
Α	SHARE CAPITAL					
1	Equity Capital					
В	RESERVES					
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	Sub-total of Reserves					
С	SURPLUS					
1	Surplus					
2	Sub-total of Surplus					
D	Net Worth (A + B + C)					

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

								All Figures	in MU
		Particulars	PY2	PY1	СҮ	C	ontrol Peri	od	
			FY (n-2)	FY (n-1)	FY (n)	FY (n+1)	FY (n+2)	FY (n+3)	Remarks
А	Losses	s in EHT System (400 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)							
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	s 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	Losses	s in EHT System (66 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)							
Е	Overa	II Losses							
	1	Energy In (A1+B1+C1+D1)							
	2	Energy Lost (A4+B4+C4+D4)							
	3	Total T&D Loss (2/1)							

Name of theTransmission Licensee : ______ Name of Region: Name of the Project : _____ Name of the Transmission Element : Date of Commercial Operation of the Transmission element _____

<u>Sta</u>tus of Metering

				PY (Actua	I)				PY (Actual)				0	CY (Estimat	e)	
				FY (n-2)					FY (n-1)				FY (n)			
	Particulars	No of interface points at the end of Year	No of meters targeted to be installed during the Year	No. of meters installed during the Year	No of defective interface meters at the end of the Year	No of interface points without meters at the end of the Year	No of interface points at the end of Year	No of meters targeted to be installed during the Year	No. of meters installed during the Year	No of defective interface meters at the end of the Year	No of interface points without meters at the end of the Year	No of interface points at the end of Year	No of meters targeted to be installed during the Year	No. of meters installed during the Year	No of defective interface meters at the end of the Year	No of interface points without meters at the end of the Year
	Meters															
1	Licensee															
2	CPP wheeling															
3	HT consumer wheeling															1
4	Other States energy wheeling															
	Electronic Meters															
1	Licensee															
2	CPP wheeling															
3	HT consumer wheeling															
4	Other States energy wheeling															
																1

	F	EY (Estimat	e)			E	Y (Estimat	e)		EY (Estimate)				
		FY (n+1)					FY (n+2)			FY (n+3)				
No of interface points at the end of Year	No of meters targeted to be installed during the Year	No. of meters installed during the Year	No of defective interface meters at the end of the Year	No of interface points without meters at the end of the Year	No of interface points at the end of Year	No of meters targeted to be installed during the Year	No. of meters installed during the Year	No of defective interface meters at the end of the Year	No of interface points without meters at the end of the Year	No of interface points at the end of Year	No of meters targeted to be installed during the Year	No. of meters installed during the Year	No of defective interface meters at the end of the Year	No of interface points without meters at the end of the Year

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	First six me	onths of FY (n-1)	Last six mont	ths of FY (n-1)	CY	(n)	Corrective
	Substation wise*	Percen	tage of time	Percentag	ge of time	Percentage	e of time	measures proposed
	At 220/132/66 kv side of transformer	when	voltage was	when vo	ltage was	when volt	tage was	
	(incoming point of 220 kv/132kV/66KV bus)	below	above	below	above	below	above	
	Include all feeders	(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 Element : Date of Commercial Operation of the Transmission element ____

Frequency Excursion

		First six I	nonths of	Last six 1	nonths of	CY	(n)	
S.No	Particulars	FY	(n-1)	FY ((n-1)			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							
	Total							

Name of theTransmission Licensee : ______ Name of Region: Name of the Project : _____ Name of the Transmission Element : Date of Commercial Operation of the Transmission element _____

Abstract of outages due to tripping in HT feeders

S.No	Particulars	FY (n-2)					FY (n-1)]	FY (n)		Corrective Measures
	Feeder & S/S details	Ti	me Of (Outage		Tin	e Of	Outag	e	ſ	Time	Of Ou	tage	Proposed In the
					Total				Total					Control Period to
		Number	Hr	Mins	Mins	Number	Hr	Mins	Mins	Number	Hr	Mins	Total Mins	Avoid Trippings
1	400 KV Feeders													
2	220 KV Feeders													
3	132 KV Feeders													
4	66 KV Feeders													
5	Power Transformer													

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 (I	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 theTransmission 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)

		PY2	PY1	
Sl.No.	Particulars	FY (n-2)	FY (n-1)	FY (n)
1	Number of disturbances (Major Grid Collapse)			
2	Total Duration of Disturbances			
3	Estimated unserved energy due to such interruption			
	Number of occassions when State system was isolated from the			
	Regional Grid due to system disturbance affecting power supply			
4	in the State.			
5	Number of occassions 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 theTransmission Licensee : ______ Name of Region: Name of the Project : _____ Name of the Transmission Element :

Date of Commercial Operation of the Transmission element

Electrical Accidents

Sl.No	Particulars	FY (n-2)				FY (n-1)				FY (n)				Corrective
	Feeder & S/S details	Fatal		Non-Fatal		Fatal		Non-Fatal		Fatal		Non-Fatal		Measures Proposed
		Human	Animal	Human	Total	Human	Animal	Human	Total	Human	Animal	Human	Total	In The Control
	Total													

Name of the Transmission Licensee :

Name of Region:

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									
2	Peak Availability Assessed By									
3	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 ie., in terms of MW, MU and number of hours per day.