

Appendix-A

Formats to be filled by Generating Company

(A) Thermal Generation

for the MYT control period _____

TARIFF NORMS FOR ENERGY / VARIABLE CHARGES

Name of the Applicant
Name of the Generating Station
Special features of the plant
a) Basic Characteristics ¹ & Site Specific Features ²
b) Environmental Regulation related Features ³
c) Any other special features
d) Date of Commercial Operation (COD)
e) Type of Cooling System ⁵

Fuel Details ⁴	Primary Fuel	Secondary Fuel	Alternate Fuel
Mention type of fuel			

S. No	Particulars	Unit	Ref	Derivation	FY 2016-17 (Actuals)	Current year FY 2017-18 (estimates)	MYT control period		
							FY 2018-19 (Projected)	FY 2019-20 (Projected)	FY 2020-21 (Projected)
1	2	3	4	5	6	7	8	9	10
1	Installed Capacity	MW							
2	PLF	%							
3	Generation	MU	A	A					
4	Auxiliary Consumption	% MU	B	B					
5	Generation (Ex-bus)	MU	C	(A-B)					
6	Station Heat Rate	Kcal / Kwh	D	Derivation					
7	Specific Oil Consumption	ML / KWH	E	E					
8	Calorific Value of Fuel Oil	Kcal / Liter	F	F					
9	Calorific Value of Coal	Kcal / Kg	G	G					
10	Overall Heat rate	Gcal	H	(AXD)					
11	Heat from oil	Gcal	I	(AXEXF)					
12	Heat from coal	Gcal	J	(H-I)					
13	Actual oil consumption	KL	K	(IX1000 / F) OR (AXE)					
14	Actual Coal consumption	MT	L	(JX1000 / G) / 0.992					
15	Cost of Oil per KL	Rs. / KL	M	M					
16	Cost of Coal per MT (incl. LADT)	Rs. / MT	N	N					
17	Total Cost of Oil	Rs. Million	O	(MXK / 10) ^6					
18	Total Cost of Coal	Rs. Million	P	(NXL / 10 ^6)					
19	Total Fuel Cost	Rs. Million	Q	(O+P)					
20	Fuel Cost / KWH	Rs. / KWH	R	(Q/C)					

- 1 Describe the basic characteristics of the plant e.g. in the case of a coal based plant whether it is conventional steam generator or circulating fluidized bed combustion generator or sub-critical once through steam generator etc.
- 2 Any site specific feature such as Merry-Go-Round, Vicinity to sea, Intake/makeup water systems etc. scrubbers etc. Specify all such features.
- 3 Environmental regulation related features like FGD, ESP etc.
- 4 Coal or natural gas or naphtha or lignite etc.
- 5 Closed circuit cooling, once through cooling, sea cooling etc.

Note: Separate statements to be furnished for each stations

Name of the Generating Company: _____

STATEMENT SHOWING THE CALCULATION OF TOTAL COST OF COAL (PRIMARY FUEL) FOR THERMAL GENERATING STATIONS

S. No	Name of the Station	Capacity	PLF	Generation in MU	Heat Rate K.Cal / kwh	(GCV) K.Cal / Kg.	Specific consumption of Coal (Kg / kwh)	Qty. of coal in lakh Tonns	Basic Cost Rs. / MT	Railway Frieght Rs. / MT	Ocean Freight Rs. / MT	Handling Charges Rs. / MT	Total Rs. / MT	Total Cost Rs. in Lakhs
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 (14x9)

Note:

Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and Projections for each year of MYT control period

Name of the Generating Company: _____

CALCULATION OF COST OF SECONDARY FUEL (OIL) FOR THERMAL STATIONS

S. No	Name of the Station	Generation in MU	HFO				HSD / LDO				Total Cost Rs. in Lakhs (7+11)
			Specific oil consumption (ml / kwh)	Qty (KL)	Rate (Rs. / KL)	Cost Rs. / Lakhs	Specific consumption (ml / kwh)	Qty (KL)	Rate (Rs. / KL)	Cost Rs. / Lakhs	
1	2	3	4	5	6	7 (5x4)	8	9	10	11 (9x10)	12

Note:

Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and Projections for each year of MYT control period

Name of the Generating Company: _____

Calculation of Total Cost of Gas in Gas based Thermal Generating Station

Sl. No	Name of the Station	Capacity (MW)	PLF (%)	Generation (MU)	Heat Rate (Kcal/kWH)	Gross Calorific Value (Kcal/SCM)	Specific gas consumption (SCM / kWH)	Quantity of Gas (MMSCM)	Rate (Rs / 1000 SCM)	Cost of Gas (Rs in Lakhs)
1	2	3	4	5	6	7	8	9	10	11 (9x10)

Note:
 Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and Projections for each year of MYT control period

Name of the Generating Company: _____

TOTAL FUEL COST OF ALL GENERATING STATIONS

Rs. Lakhs

S.No	Name of the Station	Coal	Gas	Oil	Lubricants	Others	Total costs
1							
2							
3							
4							
5							
6							
7							

Note:

Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of MYT control period

Name of Generating Company : _____

ANNUAL REVENUE REQUIREMENT

Sl. No	Particulars	FY 2016-17 (Actuals)	FY 2017-18 (Estimated)	MYT control period		
				FY 2018-19 (Projections)	FY 2018-19 (Projections)	FY 2018-19 (Projections)
1	Gross Generation (MU)					
2	Auxiliary Consumption (MU)					
3	Net Generation (MU) (1-2)					
4	Fuel Costs (Total) (Rs. lakhs)					
5	Fixed Charges (Rs. lakhs)					
	a) Interest on Loan capital (Rs. lakhs)					
	b) Depreciation (Rs. lakhs)					
	c) Advance against depreciation (Rs. lakhs)					
	d) O&M Expenses (Rs. lakhs)					
	e) Interest on working capital (Rs. lakhs)					
	f) Foreign exchange Rate (Rs. lakhs)					
	g) Return on Equity (Rs. lakhs)					
	h) Taxes (Rs. lakhs)					
	Total fixed charges (Rs. lakhs)					
6	Less other income (Rs. lakhs)					
7	Total Expenses (4+5) (Rs. lakhs)					

Formats to be filled by Generating Company

(B) Hydel Generation

For the MYT control period _____

Name of the Hydro Generating Station: _____

DETAILS OF COD, TYPE OF HYDRO STATIONS, NORMATIVE ANNUAL PLANT, AVAILABILITY FACTOR (NAPAF) & OTHER NORMATIVE PARAMETERS CONSIDERED FOR TARIFF CALCULATION

Sl. No.	Description	Unit	FY 2016-17 (Actuals)	FY 2017-18 Current year (Estimates)	MYT control period		
					FY 2018-19 (Projections)	FY 2019-20 (Projections)	FY 2020-21 (Projections)
1	Installed Capacity	MW					
2	Free power to home state	%					
3	Date of commercial operation						
	Unit-1						
	Unit-2						
	Unit-3						
4	Type of Station						
	a) Surface/underground						
	b) Purely ROR/ Pondage/Storage						
	c) Peaking/non-peaking						
	d) No. of hours of peaking						
	e) Overload capacity(MW) & period						
5	Type of excitation						
	a) Rotaing exciters on generator						
	b) Static excitation						
6	Design Energy (Annual) ¹	Gwh					
7	Auxiliary Consumption including Transformation losses	%					
8	Normative Plant Availability Factor (NAPAF)	%					
9.1	Maintenance Spares for WC	Rs. Lakh					
9.2	Receivable for WC	Rs. Lakh					
9.3	Base Rate of return on equity	%					
9.4	Tax Rate ²	%					
9.5	Prime lending Rate of SBI as on _____						

1. Month wise Design energy figures to be given separately with the petition.

2. Tax rate applicable to the company for the year FY 2008-09 should also be furnished.

3. Mention relevant date

Name of the Hydro Generating Station: _____

SALIENT FEATURES OF HYDROELECTRIC PROJECT

1. Location	
State / District	
River	
2. Diversion Tunnel	
Size, shape	
Length	
3. Dam	
Type	
Maximum dam height	
4. Spillway	
Type	
Crest level of spillway	
5. Reservoir	
Full Reservoir Level (FRL)	
Minimum Draw Down Level (MDDL)	
Live storage (MCM)	
6. De-silting Arrangement	
Type	
Number and Size	
Particle size to be removed (mm)	
7. Head Race Tunnel	
Size and type	
Length	
Design discharge (Cumecs)	
8. Surge Shaft	
Type	
Diameter	
Height	
9. Penstock/Pressure shafts	
Type	
Diameter & Length	
10. Power House	
Type	
Installed capacity (No of units x MW)	
Peaking capacity during lean period (MW)	
Type of turbine	
Rated Head(M)	
Rated Discharge (Cumecs)	
11. Tail Race Tunnel	
Diameter, shape	
Length	
Minimum tail water level	
12. Switchyard	
Type of Switch gear	
No. of generator bays	
No. of Bus coupler bays	
No. of line bays	

Note: Specify limitations on generation, if any, during specific time period on water use due to irrigation, drinking water, industrial, environmental considerations etc.

Name of the Hydro Generating Station: _____

DESIGN ENERGY AND MW CONTINUOUS (month-wise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X. MW =

Year _____

S. No	Month	Design Energy (MUs)	MW Continuous*
1	April	I	
		II	
		III	
2	May	I	
		II	
		III	
3	June	I	
		II	
		III	
4	July	I	
		II	
		III	
5	August	I	
		II	
		III	
6	September	I	
		II	
		III	
7	October	I	
		II	
		III	
8	November	I	
		II	
		III	
9	December	I	
		II	
		III	
10	January	I	
		II	
		III	
11	February	I	
		II	
		III	
12	March	I	
		II	
		III	
	Total		

Note:

Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and Projections for each year of MYT control period

Name of the Hydro Generating Station: _____

**DESIGN ENERGY AND PEAKING CAPABILITY (month-wise) -
PONDAGE / STORAGE TYPE STATIONS**

Installed Capacity: No. of Units X. MW =

S. No	Month	Design Energy (MUs)	MW Continuous*
1	April	I	
		II	
		III	
2	May	I	
		II	
		III	
3	June	I	
		II	
		III	
4	July	I	
		II	
		III	
5	August	I	
		II	
		III	
6	September	I	
		II	
		III	
7	October	I	
		II	
		III	
8	November	I	
		II	
		III	
9	December	I	
		II	
		III	
10	January	I	
		II	
		III	
11	February	I	
		II	
		III	
12	March	I	
		II	
		III	
	Total		

Note:

1. Specify the number of peaking hours for which station has been designed.
2. Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Name of Generating Company : _____

ANNUAL REVENUE REQUIREMENT

S. No	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimates)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	Gross Generation (MU)					
2	Auxiliary Consumption (MU)					
3	Net Generation (MU)					
4	Free Energy to home state (MU)					
5	Royalty (Rs.)					
6	Water Charges (Rs.)					
7	Capacity Charges (Rs.)					
	a) Interest on Loan capital (Rs.)					
	b) Depreciation (Rs.)					
	c) Advance against depreciation (Rs.)					
	d) O&M Expenses (Rs.)					
	e) Interest on working capital (Rs.)					
	f) Foreign exchange Rate (%)					
	g) Return on Equity (%)					
	h) Income Taxes (Rs.)					
	Total fixed expenses (5+6+7)					

Appendix- B
Formats to be filled by
TRANSMISSION LICENSEE

For the MYT control period _____

Format- T1 (A)

Name of the Transmission Licensee: _____

DETAILS OF TRANSMISSION LINES

(A) Transmission Lines

S. No	Name of line	S/C or D/C	Voltage level kV	Line Length Ckt.-KM	Date of Commercial Operation
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Format- T1 (B)

Name of the Transmission Licensee: _____

DETAILS OF SUB-STATIONS

(B) Sub-Stations

S. No	Name of Sub-Station	Type of Sub-station Conventional / GIS	Voltage Ratio	No. of Transformers (with capacity)	Total capacity of station (MVA)	Date of Commercial Operation
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Format- T2 (A)

Name of the Transmission Licensee:

TRANSMISSION LINES (WORK IN PROGRESS)

S. No	Name of Line	Voltage level kV	Ckt.-km	Approved Cost (Rs. in crores)	Financing Pattern (Grant / loan)	Year of Commencement	Schedule Date of Commissioning
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Format- T2 (B)

Name of the Transmission Licensee:

SUB-STATION (WORK IN PROGRESS)

S. No	Name of Sub-station	Voltage ratio	No. of Units with capacity (MVA)	Total MVA	Approved Cost (Rs. in Crores)	Financing Pattern	Year of Commencement	Schedule Date of Commissioning
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Name of the Transmission Licensee: _____

NORMATIVE PARAMETERS TO BE CONSIDERED FOR TARIFF CALCULATIONS

S. No	Particulars	Unit	FY 2016-17 (actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
					FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	Target Availability	%					
2	Normative Operation and Maintenance per Ckt. Km	Rs. lakhs					
3	Normative Operation and Maintenance per bay	Rs. lakhs					
4	Spares for working capital as % of O&M	%					
5	Receivables in Months for working capital	months					
6	Rate of Return on Equity	%					

Format - T4 (A)

Name of the Transmission Licensee: _____

ENERGY BALANCE

(A) Energy Received

S. No	Name of the Generating Station	Units Received (MU)
	Total Energy Received	

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Format - T4 (B)

Name of the Transmission Licensee: _____

(B) Energy Sent Out

S. No	Name of the licensee	Units Sent Out (MU)
	Auxiliary Consumption	
	Gross Energy Sent Out	

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Format - T4 (C)

Name of the Transmission Licensee: _____

(C) Transmission Losses

S. No	Name of the licensee	Units Sent Out (MU)
1	Total Energy Received	
2	Gross energy sent out	
3	Transmission loss (1-2)	
4	% Transmission losses $((3/1) \times 100)$	

Note: Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of the MYT control period

Format - T5 (A)

Name of the Transmission Licensee: _____

TRANSMISSION LOSSES

(A) Historical Data of Transmission Losses

S. No	Year	T ₁₋₄	T ₁₋₃	T ₁₋₂	T ₁₋₁	T ₁
1	% Transmission Losses					

Note: T₁ is previous year, T₁₋₁ is pre-previous year and so on.....

Format - T5 (B)

Name of the Transmission Licensee: _____

(B) Transmission Loss Trajectory

S. No	Year	Current Year (T)	T ₊₁	T ₊₂	T ₊₃	T ₊₄
1	% Transmission Loss Trajectory					

T = Current year

T+1 = Ensuing year and so on

Name of the Transmission Licensee: _____

OTHER INCOME DETAILS

Rs. Lakhs

S. No	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	Interest on Staff Loans and Advances					
2	Income from investments deposits					
3	Interest on Advances to Others					
4	Interest from Banks (other than on Fixed Deposits)					
5	Income from Trading-Stores, Scrap etc.					
6	Income from staff welfare Activities					
7	Gain on sale of Fixed Assets					
8	Miscellaneous Receipts					
9	Contribution & Grants towards cost of capital Assets					
10	Total					

Name of the Transmission Licensee: _____

ANNUAL TRANSMISSION CHARGES

(Rs. in Lakhs)

S. No	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	Employees Cost					
2	Repairs & Maintenance					
3	Admin & General Expenses					
4	Depreciation					
5	Advance Against Depreciation					
6	Interest and Finance Charges					
7	Interest on Working Capital					
8	Return on Equity					
9	Income Tax					
10	Others (including ULDC charges)					
11	Total Fixed Costs					
12	Less: Expenses Capitalised					
13	Total Transmission Charges					
14	Less: Other Income					
15	Net Annual Transmission Charges					

Name of the Transmission Licensee: _____

PROPOSED TRANSMISSION TARIFF

Rs. in lakhs

S. No	Particulars	FY2016-17 (Actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	Annual Transmission Charges (Rs. Lakhs)					
2	Total MW Allocation (MW)					
3	Transmission Tariff (Rs / MW / Day)					
4	Energy Transferred (MU)					
5	Transmission Tariff (Paise / Unit)					

Appendix-C

Formats to be filled by

DISTRIBUTION LICENSEE

For the MYT control period _____

Name of the Distribution Licensee: _____

CONSUMER CATEGORY-WISE ENERGY SALES

S.N	Category of Consumers	FY 2016-17 (Actuals)		FY 2017-18 (Estimates)		MYT control period					
						FY 2018-19 (Projections)		FY 2019-20 (Projections)		FY 2020-21 (Projections)	
		No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)	No. of Consumers at the end of the year (Nos.)	Energy Sale / Demand (MU)
1	2	3	4	5	6	7	8	9	10	11	12
	LT CATEGORY										
1	Domestic (DLT)										
2	Commercial (CLT)										
3	Industrial (ILT)										
4	Agriculture (Ap)										
5	Public Lighting (PL)										
6	Water Supply										
7	General Purpose										
8	Kutir Jyoti										
	HT CATEGORY										
9	Water Supply (WS)										
10	Industrial (IHT) General purpose										
11	Domestic (DHT)										
12	Bulk Supply (HT)										
13	Commercial (CHT)										
	EHT CATEGORY										
14	Industrial										

Note: Consumer category classification may be suitably modified, if those in existence are different from the ones listed in the above format.

Name of the Distribution Licensee: _____

ENERGY BALANCE**(MU)**

S. No.	Item	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
A)	ENERGY REQUIREMENT					
1	Energy sales within the State					
2	Sales to common pool consumers					
3	Sales outside State					
4	Sales to electricity traders					
5	Sales to other distribution licensees					
6	Total Sales					
7	Distribution Losses					
(i)	MU					
(ii)	%					
8	Total energy requirement (6+7(i))					
B	ENERGY AVAILABILITY					
1	Net thermal generation (own)					
2	Net hydel generation (own)					
3	Power Purchase from					
	a) Central Stations					
	b) Traders					
	c) Power Exchange					
	d) Others					
4	Total					
5	Total energy availability (1+2+3)					

Format- D2 (A)

Information regarding Distribution Loss and AT & C Loss of Licensee

S. No	Particulars	Calculation	Unit	FY 2016-17 (Actuals)	FY 2017-18 (Estimates)	MYT control period		
						FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	Generation (own as well as any other connected generation net after deducting auxiliary consumption) within area of supply of DISCOM	A	MU					
2	Input energy (metered Import) received at interface points of DISCOM network	B	MU					
3	Input energy (metered Export) by the DISCOM at interface point of DISCOM network	C	MU					
4	Total energy available for sale within the licensed area to the consumers of the DISCOM	D=A+B-C	MU					
5	Energy billed to metered consumers within the licensed area of the DISCOM	E	MU					
6	Energy billed to unmetered consumers within the licensed area of the DISCOM	F	MU					
7	Total energy billed	G=E+F	MU					
8	Amount billed to consumer within the licensed area of DISCOM	H	Rs.					
9	amount realized by the DISCOM out of the amount Billed at H#	I	Rs. Lakhs					
10	Collection efficiency (%) (=Revenue realized / Amount billed)	J=(I/H)X100	%					
11	Energy realised by the DISCOM	K=JXG	MU					
12	Distribution Loss (%)	L={(D-G)/D}x100	%					
13	AT&C Loss (%)	M={(D-K)/D}x100	%					

Amount received in the current year for the amount billed in the previous years should not be excluded in this head. However, subsidy received against the current years sale of electricity should be considered in this head.

@ norms for determining the energy billed to un-metered consumers may be specified. This should be only for two categories i.e., agricultural consumers and the households below poverty line. The norms could be on the basis of sample metering incase of the agricultural consumers which could be further refined on the basis of the results of the consultancy study on cost of supply to agricultural consumers

Note: Audited figures must be taken from the commercial Department of the Utility (Billing and Revenue Section) for computing the AT&C Losses.

Name of the Distribution Licensee: _____

**ENTITLEMENT FROM CENTRAL GENERATING STATIONS AND ENERGY PURCHASED
FOR THE YEAR _____**

(MU)

S. N.	Station	Capacity (MW)	Firm allocation to		Gen. (MU)	PLF %	Aux. Cons.		Energy sent out	Firm Energy entitlement	Actual Utilised
			4	5			8	9			
1	2	3	4	5	6	7	8	9	10	11	12
1	NTPC										
	a)										
	b)										
	c)										
	d)										
	e)										
2	NHPC										
	a)										
	b)										
	c)										
	d)										
	e)										
3	NECPCO										
	a)										
	b)										
	c)										
	d)										
	e)										
4	PTC										
	a)										
	b)										
	c)										
	d)										
	e)										
5	Other sources										
	a)										
	b)										
	c)										
	d)										
	e)										

Note:
Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of MYT control period

Name of the Distribution Licensee: _____

**POWER PURCHASE COST FOR
THE YEAR _____**

(Rs. in Crores)

S. N	Source	Energy received (MU)	Variable Cost (Ps. / Unit)	Total Variable Cost	Total Fixed Cost	Others	Total Cost (5+6+7)	Unit Cost (Rs. / KWH)
1	2	3	4	5	6	7	8	9
1	NTPC							
	a)							
	b)							
	c)							
	d)							
	e)							
2	NHPC							
	a)							
	b)							
	c)							
	d)							
	e)							
3	NEEPCO							
	a)							
	b)							
	c)							
	d)							
	e)							
4	Other sources	(Details to be furnished)						
	a)							
	b)							
	c)							
	d)							
	e)							
5	Other Charges	(Details to be furnished)						
	a)							
	b)							
	c)							
	d)							
	e)							

Note:

Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and projections for each year of MYT control period

Format - D4 (a)

Name of the Licensee:

UI POWER PURCHASE CHARGES
For the FY 2016-17
(Actuals)

S. N	Month	Quantum of Energy Received (MU)	Per unit cost (Rs / kWh)	Cost of Energy Purchase (Rs. Crores)
1	2	3	4	5
1	April			
2	May			
3	June			
4	July			
5	August			
6	September			
7	October			
8	November			
9	December			
10	January			
11	February			
12	March			
13	Total			

Format - D4 (b)

Name of the Licensee:

UI POWER PURCHASE CHARGES
For FY 2017-18
(estimates)

S.N	Month	Quantum of Energy Proposed to be purchased (MU)	Per unit cost (Rs / kWh)	Cost of Energy Purchase (Rs.Crores)
1	2	3	4	5
1	April			
2	May			
3	June			
4	July			
5	August			
6	September			
7	October			
8	November			
9	December			
10	January			
11	February			
12	March			
13	Total			

Format - D4 (c)

Name of the Licensee:

UI POWER SALE CHARGES
For FY 2016-17 (Actuals)

S.N	Month	Quantum of Energy Sold (MU)	Per unit cost (Rs / kWh)	Cost of Energy Sold (Rs. Crores)
1	2	3	4	5
1	April			
2	May			
3	June			
4	July			
5	August			
6	September			
7	October			
8	November			
9	December			
10	January			
11	February			
12	March			
13	Total			

Format - D4 (d)

Name of the Licensee:

UI POWER SALE CHARGES
For FY 2017-18
(Estimates)

S.N	Month	Quantum of Energy Sold (MU)	Per unit cost (Rs / kWh)	Cost of Energy Sold (Rs.Crores)
1	2	3	4	5
1	April			
2	May			
3	June			
4	July			
5	August			
6	September			
7	October			
8	November			
9	December			
10	January			
11	February			
12	March			
13	Total			

Name of the Distribution Licensee: _____

NON TARIFF INCOME**(Rs. in crores)**

S.N.	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current year (Estimates)	MYT control period		
				FY 2018-19 (Projected)	FY 2019-20 (Projected)	FY 2020-21 (Projected)
1	2	3	4	5	6	7
1	Meter / Service rent					
2	Late payment surcharge					
3	Theft / pilferage of energy charges					
4	Misc. receipts					
5	Misc. charges					
6	Wheeling charges					
7	Interest on staff loans & advance					
8	Income from trading					
9	Income from welfare activities					
10	Excess on verification					
11	Investments & bank balances					
12	Total Income					
13	Add Prior period income *					
14	Total					

* Year wise details of prior period income may be provided

Name of the Distribution Licensee: _____

BAD AND DOUBTFUL DEBTS

For the year _____

(Rs. in Crores)

S.N	Particulars	FY 2016-17 (Actuals)
1	2	3
1	Amount of receivable bad and doubtful debts (audited)	
2	Provision made for debts in ARR	

Name of the Distribution Licensee: _____

ANNUAL REVENUE REQUIREMENT**(Rs. in Crores)**

S.N	Item of expenditure	FY 2016-17 (Actuals)	FY 2017-18 Current year (Estimates)	MYT control period		
				FY 2018-19 (Projected)	FY 2019-20 (Projected)	FY 2020-1 (Projected)
1	2	3	4	5	6	7
1	Cost of Power Purchase					
2	Employee costs					
3	O&M expenses					
4	Adm. & Gen. Expenses					
5	Depreciation					
6	Interest charges					
7	Return on equity					
8	Income Tax					
9	Total revenue requirement					
10	Less: Non tariff income					
11	Net revenue requirement (9-10)					
12	Revenue from tariff					
13	Gap (11 - 12)					
14	Gap for FY _____					
15	Total gap (13+14)					
16	Revenue surplus carried over					
17	Additional revenue from proposed tariff					
18	Regulatory asset					
19	Energy sales (MU)					

Appendix - D

ADDITIONAL COMMON FORMATS TO BE FILLED BY

- (1) GENERATING COMPANY**
 - (a) THERMAL GENERATION**
 - (b) HYDEL GENERATION**
- (2) TRANSMISSION LICENSEE**
- (3) DISTRIBUTION LICENCEE**

For the MYT control period _____

Name of the Licensee or: _____

Name of the Generating Company: _____

Name of the Generating Station: _____

EMPLOYEE COST**FOR THE YEAR** _____**(Rs. in Crores)**

S.N	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimates)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	2	3	4	5	6	7
	SALARIES & ALLOWANCES					
1	Basic Pay					
2	Dearness Pay					
3	Dearness Allowance					
4	House rent Allowance					
5	Fixed medical allowance					
6	Medical reimbursement charges					
7	Over time payment					
8	Other allowances (detailed list to be attached)					
9	Generation incentive					
10	Bonus					
11	Sub-Total					
	Terminal Benefits					
12	Leave encashment					
13	Gratuity					
14	Commutation of Pension					
15	Workman compensation					
16	Ex- gratia					
17	Sub-Total					
	Pension Payment					
18	Basic Pension					
19	Dearness Pension					
20	Dearness allowance					
21	Any other expenses					
22	Sub-Total					
23	Total (11+17+22)					
24	Amount capitalised					
25	Net amount					
26	Add prior period expenses *					
27	Grand Total					

* Year - wise details of prior period employees cost, if any, may be provided

Name of the Licensee: _____

TOTAL NUMBER OF EMPLOYEES

S.N	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
				FY 2018-19 (Projected)	FY 2019-20 (Projected)	FY 2020-21 (Projected)
1	2	3	4	5	6	7
1	Number of employees as on 1st April					
2	Number of employees on deputation / foreign service as on 1st April					
3	Total Number of employees (1+2)					
4	Number of employees retired / retiring during the year					
5	Number of employees at the end of the year (3-4)					

Name of the Licensee: _____

EMPLOYEES PRODUCTIVE PARAMETERS

S.N	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current Year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	2	3	4	5	6	7
1	Number of consumers in million					
2	Connected load in kW					
3	Line circuit in KM (LT+HT)					
4	Energy sold in MU					
5	Employees per MU of energy sold					
6	Employees per 1000 consumers					
7	Share of employees cost in total expenses					
8	Employees cost in paise / kWh of energy sold					
9	Line circuit KM (EHT Lines)					
10	Employees per KM of EHT line (Transmission related)					
11	Power station installed capacity own generation (MW)					
12	Employees per MW of capacity For generating company					

Name of the Licensee:

REPAIRS AND MAINTENANCE EXPENSES**(Rs. in Crores)**

S. No	Particulars	FY 2016-17 (Actual)	FY 2017-18 Current year (Estimates)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	2	3	4	5	6	7
1	Plant & Machinery					
	-Plant and Apparatus					
	-EHV Sub-stations					
	- 33 kV Sub-stations					
	- 11 kV Sub-stations					
	-Switch gear and cable connections					
	- Others					
	Total					
2	Buildings					
3	Hydraulic works & Civil Works					
4	Line cable & Network					
	- EHV Lines					
	-33 kV Lines					
	-11 kV Lines					
	-LT Lines					
	-Meters and metering equipment					
	-Others					
	Total					
5	Vehicles					
6	Furniture & Fixtures					
7	Office equipments					
8	Operating expenses					
9	Total					
10	Add / Deduct share of other (To be specified)					
11	Total expenses					
12	Less capitalized					
13	Net expenses					
14	Add prior period *					
15	Total expenses charges to revenue as R&M expenses					

* Year - wise details of these charges may be provided.

Name of the Licensee: _____

ADMINISTRATION AND GENERAL EXPENSES**(Rs. in Crores)**

S.N	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	2	3	4	5	6	7
1	Rent, rates & taxes					
2	Insurance					
3	Telephone, postage & Telegrams					
4	Consultancy fees					
5	Technical fees					
6	Other professional charges					
7	Conveyance & travel expenses					
8	Electricity & Water charges					
9	Others					
10	Freight					
11	Other material related expenses					
12	Total expenses					
13	Less Capitalised					
14	Net expenses					
15	Add Prior period*					
16	Total expenses charged to revenue					

* Year-wise details of these charges may be provided.

Name of the Licensee: _____

DETAILS OF LOANS FOR THE YEAR

(Rs. in lakhs)

S. N	Particulars	Opening balance	Rate of Interest	Addition during the year	Repayment during the year	Closing Balance	Amount of interest paid
1	2	3	4	5	6	7	8
1	SLR Bonds						
2	Non SLR Bonds						
3	LIC						
4	REC						
5	Commercial Banks						
6	Bills discounting						
7	Lease rental						
8	PFC						
9	GPF						
10	CSS						
11	Working capital loan						
12	Others (details to be given)						
13	Total						
14	Add State Govt. Loan						
15	Total (13 +14)						
16	Less capitalisation						
17	Net Interest						
18	Add prior period						
19	Total Interest						
20	Finance charges						
21	Total Interest and finance charges						

Note:

Separate statement to be furnished for Previous year (Actuals), Current year (Estimated) and Projections for each year of the control period

Name of the Licensee: _____

INTEREST CAPITALISED

(Rs. in lakhs)

S. N.	Interest capitalized	FY 2016-17 (Actuals)	FY 2017-18 Current year (Estimated)	MYT control period		
				FY 2018-19 (Projected)	FY 2019-20 (Projected)	FY 2020-21 (Projected)
1	2	3	4	5	6	7
1	WIP					
2	GFA at the end of the year					
3	WIP+GFA at the end of the year					
4	Interest (Excluding interest on WCL)					
5	Interest Capitalised					

WIP=Work -in - Progress
GFA=Gross Fixed Assets
WCL=Working Capital Loan

Name of the Licensee: _____

INFORMATION REGARDING RESTRUCTURING OF OUTSTANDING LOANS DURING THE YEAR

(Rs. in lakhs)

S. N	Source of loan	Amount of original loan	Old rate of interest (%)	Amount already restructured	Revised rate of interest (%)	Amount now being restructured	New rate of interest (%)
1	2	3	4	5	6	7	8

Note:

Separate statement to be furnished for FY 2016-17 (Actuals) and FY 2017-18.

Format- 10

Name of the Licensee: _____

INFORMATION REGARDING REVENUE FROM OTHER BUSINESS**(Rs. in lakhs)**

S.N	Particulars	Amount
1	2	3
1	Total Revenue from other business	
2	Income from other business to be considered for licenses business as per regulations	

Note:

Separate statement to be furnished for FY 2016-17 (Actuals), FY 2017-18 and projections for MYT control period.

Format- 11

Name of the Licensee: _____

WORKING CAPITAL REQUIREMENT AND INTEREST ON WORKING CAPITAL**(Rs. in lakhs)**

S.N	Particulars	FY 2016-17 (Actuals)	FY 2017-18 (estimates)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	2	3	4	5	6	7
1	Fuel cost					
2	Power Purchase Cost					
3	One month employees cost and Adm. & Gen. expenses					
4	One month R&M Cost					
5	Two Months Receivables					
6	Total working capital requirement					
7	Rate of Interest (%)					
8	Interest on working capital					

Format- 12

Name of the Licensee: _____

**INFORMATION REGARDING FOREIGN EXCHANGE RATE VARIATION
(FERV)**

(Rs. in lakhs)

S.N	Particulars	Amount
1	2	3
1	Amount of liability provided	
2	Amount recovered	
3	Amount adjusted	

Note:

Separate statement to be furnished for FY 2016-17 (Actuals), FY 2017-18 and projections for MYT control period.

Format- 13

Name of the Licensee: _____

**INFORMATION REGARDING WHOLESALE PRICE INDEX (ALL COMMODITIES)
(to be supplied with documentary evidence)**

(Rs. in lakhs)

S.N	Period	WPI	Increase over
1	2	3	4
1	As on April 1 of previous year		
2	As on April 1 of current year		
3	As on April 1 of ensuing year		

Name of the Licensee: _____

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT)

S. No	Category	Connected Load (KW)	Fixed Charges per KW (Rs.)	Total Fixed Charges (Rs. in Lakhs)	Slab in the Category	Sale in each Slab (MU)	Existing Tariff	Amount (in lakh)	Total amount for the category (lakh)	Average tariff for the year (paise per Kwhr)
							Rate (paise per Kwh)			
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11	Total (LT)									

Name of the Licensee: _____

B. ESTIMATED REVENUE AT EXISTING TARIFF (HT)

S. No	Category	Contract Demand (kVA)	Billing Demand (KVA)	Sale of Energy (MU)	Fixed Charge (Rs / kVA)	Energy Charges (Ps / kWh)	Total Fixed Charges (Rs. Lakhs)	Total Energy Charges (Rs. lakhs)	Grand Total amount for the category (Lakh)	Average tariff for the year (paise per Kwh)
1										
2										
3										
4										
5										
6										
7										
8										
9										
10	Total (HT)									
11	Total (LT)									
12	Total (LT+HT)									

Format- 14 (c)

Name of the Licensee: _____

C. ESTIMATED REVENUE AT EXISTING TARIFF

S. No	Category	Contract Demand (KVA)	Billing Demand (KVA)	Sale of Energy (MU)	Existing Tariff	Total amount for the year (lakh)	Total amount for the category (Lakh)	Average tariff for the year (Paise per kwhr)
1					FC in Rs. per KVA			
2					EC in paise per Kwhr			
3								
4								
5								
6	Total (LT+HT+ EHT)							

Format- 14 (d)

Name of the Licensee: _____

D. ESTIMATED REVENUE AT EXISTING TARIFF

S. No	Category	Contract Demand (KVA)	Billing Demand (KVA)	Sale of Energy (MU)	Existing Tariff	Total amount for the year (lakh)	Total amount for the category (Lakh)	Average tariff for the year (Paise per kwhr)
1					FC in Rs. per KVA			
2					EC in paise per Kwhr			
3								
4								
5								
6	Grand Total							

Name of the Licensee: _____

Investment Plan (Scheme - wise)**(Rs. in lakhs)**

S. N	Name of Scheme/ Project	Approved Outlay	Source of funding	Investment up to end of FY 2016-17 (Actuals)	Investment during FY 2017-18 (RE)	Investment capitalised to end of FY 2016-17 (Actuals)	Investment capitalised during FY 2017-18	Balance investment to be capitalised to end of FY 2017-18
1	2	3	4	5	6	7	8	9

Note:

- i) Schemes costing Rs. Ten lakhs are above to be shown. For others lumpsum provision may be indicated
- ii) Separate statements shall be submitted for each year for FY 2017-18 (RE) and MYT control period.

Name of the Licensee: _____

Investment Plan (Year - wise)**(Rs. in lakhs)**

S.N	Year	Originally proposed by the Utility	Approved by the Commission	Revised by the Utility	Revised approval by the Commission in review	Actual expenditure
1	2	3	4	5	6	7

Note: Separate statements shall be furnished for FY 2016-17 (Actuals), FY 2017-18 (Estimates) and each year of MYT control period

Name of the Distribution Licensee: _____

WORKS-IN-PROGRESS**(Rs. in lakhs)**

S. N	Particulars	FY 2016-17 (Actuals)	FY 2017-18 Current year (Estimated)	MYT control period		
				FY 2018-19 (projections)	FY 2019-20 (projections)	FY 2020-21 (projections)
1	2	3	4	5	6	7
1	Opening balance					
2	Add: New investment					
3	Total					
4	Less investment capitalised					
5	Closing balance					