

APPLICATION

FOR

ANNUAL REVENUE REQUIREMENT (ARR)

&

TARIFF PETITION FOR

FY 2015-16

PART - B

Submitted by: Department of Hydro Power Development-2015

Index

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ANNUAL REVENUE REOUIREMENT

C M	D. A'. James	2013-14	2014-15	2015-16
S.No	Particulars	(Actual)	(Estimated)	(Projected)
1	Gross Generation (MU)	53.66	53.17	53.17
2	Auxilary Consumption (MU)	0.82	0.64	0.64
3	Net Generation (MU)	52.84	52.54	52.54
4	Free Energy to home state (MU)	0.00	0.00	0.00
5	Royalty (Rs.)	0.00	0.00	0.00
6	Water Charges (Rs.)	0.00	0.00	0.00
7	Capacity Charges (Rs.)			
	a) Interest on Loan capitals (Rs.)	0.00	0.00	0.00
	b) Depreciation (Rs.)	21.23	21.23	21.23
	c) Advance against depreciation (Rs.)	0.00	0.00	0.00
	d) O&M Expenses (Rs.)	60.43	64.02	67.85
	e) Interest on working capital (Rs.)	5.06	5.28	5.51
	f) Foreign exchange Rate (%)	I	Not Applicable	e
	g) Return on Equity	34.70	34.70	34.70
	h) Income Taxes (Rs.)		Not Applicable	e
	Total fixed expenses (5+6+7)	121.42	125.23	129.29

Note: Although the design energy is 516.09 MUs, the projected Gross Generation for the FY 2015-16 has been considered same as that of FY 2014-15

EMPLOYEE COST FOR THE YEAR

			tts: III CTOTCS)	
S. No.	Particulars	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	SALARIES & ALLOWANCES	35.02	37.11	39.33
2	Wages	11.59	12.28	13.02
3	OTA	0.03	0.03	0.03
4	Medical Treatment	0.16	0.17	0.18
5	Other allowances (O.E+ POL+ Minor Work).	1.51	1.60	1.70
6	LTC	0.09	0.10	0.10
11	Sub-Total	48.41	51.29	54.36
	Terminal Benefits			
12	Leave encashment	0.00	0.00	0.00
13	Gratuity	0.00	0.00	0.00
14	Commutation of Pension	0.00	0.00	0.00
15	Workman compensation	0.00	0.00	0.00
16	Ex – gratia	0.00	0.00	0.00
17	Sub - total	0.00	0.00	0.00
	Pension Payment			
18	Basic Pension	0.00	0.00	0.00
19	Dearness Pension	0.00	0.00	0.00
20	Dearness allowance	0.00	0.00	0.00
21	Any other expenses	0.00	0.00	0.00
22	Sub – Total	0.00	0.00	0.00
23	Total (11+17+22)	48.41	51.29	54.36
24	Amount capitalised	0.00	0.00	0.00
25	Net Amount	48.41	51.29	54.36
26	Add prior period expenses *	0.00	0.00	0.00
	Grand Total	48.41	51.29	54.36

Format - 2
TOTAL NUMBER OF EMPLOYEES

S. No	Particulars	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Number of employees as on 1st April	2820.00	2820.00	2820.00
2	Number of employees recuited during the year	0.00	0.00	0.00
3	Number of employees on deputation / foreign service as on 1st April	0.00	0.00	0.00
4	Total Number of employees (1+2+3)	2820.00	2820.00	2820.00
5	Number of employees retired/ retiring during the year	0.00	0.00	0.00
6	Number of employees at the end of the year (4-5)	2820.00	2820.00	2820.00

Format - 3
EMPLOYEES PRODUCTIVE PARAMETERS

EMILOTEESTRODUCTIVETAKAMETEKS						
S. No	Particulars	2013-14 (Actual)	2015-16 (Projected)			
1	2	3	4	5		
1	Number of consumers in million		Not Applicable			
2	Connected load in kW		Not Applicable			
3	Line circuit in KM (LT + HT)		Not Applicable			
4	Energy sold in MU	52.84 52.54		52.54		
5	Employees per MU of energy sold	53.37 53.68		53.68		
6	Employees per 1000 consumers	Not Applicable				
7	Share of employees cost in total expenses	0.40	0.41	0.42		
8	Employees cost in paise / kWh of energy sold	916	976	1035		
9	Line circuit in KM (EHT Lines)		Not Applicable			
10	Employees per KM of EHT line (Transmission related)	Not Applicable				
11	Power station installed capacity own generation (MW)	62.02 62.02		62.02		
12	Employes per MW of capacity for generating company	45.47	45.47	45.47		

REPAIRS AND MAINTENANCE EXPENSES

S.		2013-14	2014-15	2015-16			
No	Particulars	(Actual)	(Estimated)	(Projected)			
1	2	3	4	5			
_	Plant & Machinery		-				
	- Plant and Apparatus	0.00	0.00	0.00			
	- EHV Sub-Stations	0.00	0.00	0.00			
1	- 33 KV Sub-Stations	0.00	0.00	0.00			
1	- 11 kV Sub- Stations	0.00	0.00	0.00			
	- Switch gear and cable connections	0.00	0.00	0.00			
	- Others	0.00	0.00	0.00			
	Total	0.00	0.00	0.00			
2	Building	0.14 0.14					
3	Hydraulic works & Civil Works	7.45	7.90	8.37			
	Line cable & Net work	0.00	0.00	0.00			
	- EHV Lines	0.00	0.00	0.00			
	- 33 kV Lines	0.00	0.00	0.00			
4	- 11 kV lines	0.00	0.00	0.00			
4	- LT Lines	0.00	0.00	0.00			
	- Meters and metering equipment	0.00	0.00	0.00			
	- Others	0.00	0.00	0.00			
	Total	0.00	0.00	0.00			
5	Vehicles						
6	Furniture & Fixture	0.90	0.95	1.01			
7	Office equipments] 0.50	0.75	1.01			
8	Operating expenses						
9	Maintenance(includes expenses under various heads)	0.08	0.08	0.09			
10	Total	8.57	9.08	9.62			
11	Add / Deduct share of other (To be Specified)	0	0	0			
12	Total expenses	8.57	9.08	9.62			
13	Less capitalised	0	0	0			
14	Net expenses	8.57	9.08	9.62			
15	Add prior period *	0	0	0.00			
16	Total expenses charges to revenue as R&M expenses	8.57	9.08	9.62			

Format - 5
ADMINISTRATION AND GENERAL EXPENSES

S. No	Particulars	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)	
1	2	3	4	5	
1	Rent, rates & taxes	0.00	0.00	0.00	
2	Office Expenses	0.00	0.00	0.00	
3	Telephone, postage & Telegrams	•			
4	Consultancy fees	2.10	2.23	2.36	
5	Advertising & Publicity	•			
6	Other professional charges				
7	Conveyance & travel expenses	1.34	1.42	1.51	
8	Electricity & water charges	0.00	0.00	0.00	
9	Others	0.00	0.00	0.00	
10	Freight	0.00	0.00	0.00	
11	Other material related expenses	0.00	0.00	0.00	
12	Total expenses	3.45	3.65	3.86	
13	Less Capitalised	0.00	0.00	0.00	
14	Net expenses	3.45	3.65	3.86	
15	Add Prior period *	0.00	0.00	0.00	
16	Total expenses charged to revenue	3.45	3.65	3.86	

VALUE ASSETS AND DEPRECIATION 2013-14

(Rs. Crores)

S. No.	Name of the Asset	Value of Assets at the beginning of the year	Addition during the year	Withdrawn during the year	Value of Assets at the End of the year	Rate of Depreciation (%)	Depreciation charges for the year
1	2	3	4	5	6	7	8
1	132 KV Line (33/11/LT)						21.23
2	D. G. Set				826.17	826.17 2.57%	
3	Vehicles			0.00			
4	Buildings	926 17	826.17 0.00				
5	T & P	820.17					
6	Computers						
7	Hydro Generating Station						
8	Miscellauneous (Others)						
	Total	826.17	0.00	0.00	826.17		21.23

VALUE ASSETS AND DEPRECIATION 2014-15

(Rs. Crores)

S. No.	Name of the Asset	Value of Assets at the beginning of the year	Addition during the year	Withdrawn during the year	Value of Assets at the End of the year	Rate of Depreciation (%)	Depreciation charges for the year
1	2	3	4	5	6	7	8
1	132 KV Line (33/11/LT)			0.00	826.17		21.23
2	D. G. Set					826.17 2.57%	
3	Vehicles						
4	Buildings	826.17	0.00				
5	T & P						
6	Computers						
7	Miscellauneous (Others)						
	Total	826.17	0.00	0.00	826.17		21.23

VALUE ASSETS AND DEPRECIATION 2015-16

(Rs. Crores)

S. No.	Name of the Asset	Value of Assets at the beginning of the year	Addition during the year	Withdrawn during the year	Value of Assets at the End of the year	Rate of Depreciation (%)	Depreciation charges for the year
1	2	3	4	5	6	7	8
1	132 KV Line (33/11/LT)						21.23
2	D. G. Set				826.17	826.17 2.57%	
3	Vehicles			0.00			
4	Buildings	826.17	0.00				
5	T & P						
6	Computers						
7	Miscellauneous (Others)						
	Total	826.17	0.00	0.00	826.17		21.23

DETAILS OF LOANS FOR THE YEAR 2013-14

S. No.	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	0	0	0	0	0	0
2	Non SLR Bonds	0	0	0	0	0	0
3	LIC	0	0	0	0	0	0
4	REC	0	0	0	0	0	0
5	Commercial Banks	0	0	0	0	0	0
6	Bills discounting	0	0	0	0	0	0
7	Lease rental	0	0	0	0	0	0
8	PFC	0	0	0	0	0	0
9	GPF	0	0	0	0	0	0
10	CSS	0	0	0	0	0	0
11	Working capital loan	0	0	0	0	0	0
12	Others (details to be given	0	0	0	0	0	0
13	Total	0	0	0	0	0	0
14	Add State Govt. Loan	0	0	0	0	0	0
15	Total (13+14)	0	0	0	0	0	0
16	Less capitalization	0	0	0	0	0	0
17	Net Interest	0	0	0	0	0	0
18	Add prior period	0	0	0	0	0	0
19	Total Interest	0	0	0	0	0	0
20	Finance charges	0	0	0	0	0	0
21	Total Interest and finance charges	0	0	0	0	0	0

DETAILS OF LOANS FOR THE YEAR 2014-15

S. No.	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	0	0	0	0	0	0
2	Non SLR Bonds	0	0	0	0	0	0
3	LIC	0	0	0	0	0	0
4	REC	0	0	0	0	0	0
5	Commercial Banks	0	0	0	0	0	0
6	Bills discounting	0	0	0	0	0	0
7	Lease rental	0	0	0	0	0	0
8	PFC	0	0	0	0	0	0
9	GPF	0	0	0	0	0	0
10	CSS	0	0	0	0	0	0
11	Working capital loan	0	0	0	0	0	0
12	Others (details to be given	0	0	0	0	0	0
13	Total	0	0	0	0	0	0
14	Add State Govt. Loan	0	0	0	0	0	0
15	Total (13+14)	0	0	0	0	0	0
16	Less capitalization	0	0	0	0	0	0
17	Net Interest	0	0	0	0	0	0
18	Add prior period	0	0	0	0	0	0
19	Total Interest	0	0	0	0	0	0
20	Finance charges	0	0	0	0	0	0
21	Total Interest and finance charges	0	0	0	0	0	0

DETAILS OF LOANS FOR THE YEAR 2015-16

S. No.	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	0	0	0	0	0	0
2	Non SLR Bonds	0	0	0	0	0	0
3	LIC	0	0	0	0	0	0
4	REC	0	0	0	0	0	0
5	Commercial Banks	0	0	0	0	0	0
6	Bills discounting	0	0	0	0	0	0
7	Lease rental	0	0	0	0	0	0
8	PFC	0	0	0	0	0	0
9	GPF	0	0	0	0	0	0
10	CSS	0	0	0	0	0	0
11	Working capital loan	0	0	0	0	0	0
12	Others (details to be given	0	0	0	0	0	0
13	Total	0	0	0	0	0	0
14	Add State Govt. Loan	0	0	0	0	0	0
15	Total (13+14)	0	0	0	0	0	0
16	Less capitalization	0	0	0	0	0	0
17	Net Interest	0	0	0	0	0	0
18	Add prior period	0	0	0	0	0	0
19	Total Interest	0	0	0	0	0	0
20	Finance charges	0	0	0	0	0	0
21	Total Interest and finance charges	0	0	0	0	0	0

Format - 8

INTEREST CAPITALISED

S. No.	Interest capitalized	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	WIP	398.51	410.51	422.51
2	GFA at the end of the year	826.17	826.17	826.17
3	WIP + GFA at the end of the year	1224.68	1236.68	1248.68
4	Interest (Excluding interest on WCL)-14.75%	180.64	182.41	184.18
5	Interest Capitalised	0	0	0

Format - 9
INFORMATION REGARDING RESTRUCRING OF OUTSTANDING LOANS DURING THE YEAR

S. No.	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			
			Not Applicable							

Format - 10 INFORMATION REGARDING REVENUE FROM OTHER BUSINESS

(Rs. In lakhs)

S. No.	Particulars	Amount (Rs.)
1	2	3
1	Total Revenue from other business	
	Income from other business to be considered for licenses business as per regulations.	Not Applicable

Format - 11

INFORMATION REGARDING WORKING CAPITAL FOR THE CURRENT AND ENSURING YEAR

S. No.	Particulars	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Operation & Maintenance Expenses (1 month)	5.04	5.33	5.65
2	Maintenance of Spares(15% of O&M)	9.06	9.60	10.18
3	Recceivables (2 months of fixed cost)	20.24	20.87	21.55
6	Total	34.34	35.81	37.38
7	Interest on Working Capital@14.75%	5.06	5.28	5.51

A. ESTIMATED REVENUE AT EXISTING TARIFF (LT)

S. No.	Category	Connected Load (KW)	Fixed Charges per KW (Rs.)	Total Fixed Charges (Rs. In Crores).	Slab in the Category	Sale in each Slab (MU)	Existing Tariff Rate (paise per Kwh)	Amount (in lakh)	Total amount for the category (Crores)	Average tariff for the year (paise per Kwhr)	
1	Domestic										
2	KJP & BPL Connection										
3	Commercial										
4	Industry(LT)										
5	Bulk				N	Not Applicat	ala				
6	Public Light				1.	чот Аррисас	one .				
7	Public Water Works										
8	Agriculture										
9	General Purpose										
	Total (LT)										

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 (Rs/ KWH)	Total Fixed Charges (Rs. Crores)	Total Energy Charges (Rs. Crores)	Grand Total amount for the category (Crore)	Average tariff for the year (Rs. per Kwh)		
1	Industry(HT)											
2	Total (HT)					NI-4 A	.1:1-1 -					
3	Total (LT)	Not Applicable										
4	Total (LT +HT)											

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								
1								
2								
3					Not Applicable			
4					Not Applicable			
5								
6	Total (LT + HT							
	+ EHT)							

Format - 12 (D)

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											
2					N A P I. I.						
3			Not Applicable								
4											
5	Grand Total										

Format - 13

INVESTMENT PLAN (SCHEME - WISE)

S. No.	Name of Scheme/ Project	Approved Outlay	2011-12 (Actuals)	2012-13 (Actuals)	2013-14 (Projected)	Progressive Expenditure upto Ensuing year		
1	2	3	4	5	6	7		
	New HEP/renovation of existing HEP/civil structures etc.	Schemes wise details provided in Annexure - I,IA,IB,IC,ID,IE						

INVESTMENT PLAN (YEAR - WISE)

S/ No.	Year	Originally proposed by the Utility	Approved by the Commission	Revised by the Utility	Revised approval by the Commission in review	Actual expenditure upto				
1	2	3	4	5	6	7				
1	2010-11									
2	2011-12	The department	t filed the first ARR	& Tariff Petition applicable	n for the FY 2012-13. There e.	fore these are not				
3	2012-13									
4	2013-14									
5	2014-15		Details provided in Annexure-I,IA,IB,IC							
6	2015-16									

Format - 15

WORK-IN-PROGRESS

(Rs. In lakhs)

S. No.	Particulars	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)
1	2	3	4	5
1	Opening balance	39851.48	39851.48	41051.48
2	Add: New investments	0.00	1200.00	1200.00
3	Total	39851.48	41051.48	42251.48
4	Less investment capitalised	0.00	0.00	0.00
5	Closing balance	39851.48	41051.48	42251.48

Name of the Hydro Generating Station : Kitpi Ph-I State/ Distt.: Arunachal Pradesh/ Tawang District

	/ Distt.: Arunachal Pradesh/ Tawan								
	Details of Cod, Type of Hydro Stat				or (NAPAF)				
	& other normative parameters considered for Tariff								
Sl.	Description	Unit	2013-14	2014-15	2015-16				
No.	Description	Oiii	(Actual)	(Estimated)	(Projected)				
1	Installed Capacity	KW	1500	1500	1500				
2	Free Power to home state	%	NIL	NIL	NIL				
3	Date of commercial operation								
	Unit – 1			1977-78					
	Unit – 2			1977-78					
	Unit – 3			1977-78					
4	Type of Station								
	a) Surface/ underground			Surface	•				
	b) Purely ROR/ Pondage/ Storage			Purely ROR					
	c) Peaking/ non-peaking			Non-Peaking					
				N.A.					
	d) No of hours of peaking			N.A.					
	e) Overload capacity (MW) &			N.A.					
	period				1				
5	Type of excitation								
	a) Rotating exciters on generator		Static Excitation						
	b) Static excitation	3.6							
6	Design Energy (Annual)	Mus	12.48	12.48	12.48				
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%				
8	Normative Plant Availability Factor (NAPAF)	%		50%					
9.1	Maintenance Spares for WC	Rs.	15% of Ope	eration and maintena	nce expenses				
		Lakh							
9.2	Receivable for WC			ent to two months of f	T				
9.3	Base Rate of return on equity	%	14	14	14				
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable				
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%					
10.1	Type								
_	Installed Capacity (No. of Units x KW)	KW	1500	1500	1500				
10.3	Peaking capacity during lean period (MW)			Non-peaking	•				
10.4	Type of Turbine		Ī						
	Rated Head (M)								
	Rated Discharge (Cumes)								
- 3.3	z =		<u> </u>		I				

Name of the Hydro Generating Station : Nuranang State/ Distt. Arunachal Pradesh/ Tawang District

	Details of Cod, Type of Hydro Station		ve Annual Plant A	vailability Factor (NAPAF)	
	**		ters considered for		(TH 7H)	
Sl.	& other normat	ive paramet	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	6000	6000	6000	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	TVIL	TVIL	NIL	
	Unit – 1			1996-97		
	Unit – 2			1996-97		
	Unit – 3			1996-97		
4	Type of Station			1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
<u> </u>	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period					
	, , , , , , , , , , , , , , , , , , , ,		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation			Static Excitation		
6	Design Energy (Annual)	Mus	49.93	49.93	49.93	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability Factor	%		50%		
	(NAPAF)					
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Oper	ation and maintena	nnce expenses	
9.2	Receivable for WC	R. Lakh	Equivalen	t to two months of	fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on	%		14.75%	**	
	07.11.2013	70		14./370		
10.1	Type					
10.2	Installed Capacity (Bo of Units x	KW	6000	6000	6000	
10.2	1 · · · · · · · · · · · · · · · · · · ·	17 AA	0000	0000	0000	
10.2	MW)					
10.2	MW) Peaking capacity during lean period			Non-peaking		
	MW) Peaking capacity during lean period (MW)			Non-peaking		
	MW) Peaking capacity during lean period (MW) Type of Turbine			Non-peaking		
10.3	MW) Peaking capacity during lean period (MW)			Non-peaking		

Name of the Hydro Generating Station : T. Gompa State/ Distt. Arunachal Pradesh/ Tawang District

Sl.	etails of Cod, Type of Hydro Station	19, 1 (0111100						
C1	& other normative parameters considered for Tariff							
i ol. l		-	2013-14					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	50	50	50			
	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2001-02				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
-	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			N.A.				
	period			N.A.				
5	Type of excitation							
	a) Rotating exciters on generator		Static Excitation					
	b) Static excitation							
-	Design Energy (Annual)	Mus	0.42	0.42	0.42			
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%			
	Normative Plant Availability Factor (NAPAF)	%		50%				
	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
	Prime lending Rate of SBI as on 07.11.2013	%		14.75%				
10.1	Туре							
	Installed Capacity (Bo of Units x MW)	KW	50	50	50			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
	Type of Turbine							
-	Rated Head (M)							
10 1	Rated Discharge (Cumes)							

Name of the Hydro Generating Station : Dudunghar State/ Distt. Arunachal Pradesh/ Tawang District

	etails of Cod, Type of Hydro Station		tive Annual Plant	. Availability Fac	ctor (NAPAF)		
	V.		eters considered		(= 1.2 = 2 = 2)		
Sl.		_	2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	30	30	30		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2004-05			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Dragales DOD			
				Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			IV.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation						
6	Design Energy (Annual)	Mus	0.25	0.25	0.25		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070	1.2070	1.2070		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			2070			
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	nance expenses		
		Lakh	_				
	Receivable for WC	R. Lakh		to two months o			
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	%		14.75%			
10.1	07.11.2013		17./3/0				
	Type						
10.2	Installed Capacity (Bo of Units x	KW	30	30	30		
10.0	MW)						
10.3	Peaking capacity during lean			Non-peaking			
10.4	period (MW)		Tion pouning				
	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Bramdhongchung State/ Distt. Arunachal Pradesh/ Tawang District

De	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	& other normative parameters considered for Tariff						
Sl.	Description	Unit	2013-14	2013-14 2014-15 2015-16			
No.	Description	Oilit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	100	100	100		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2008-09			
	Unit – 2			2008-09			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NI A			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation						
6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
7	Auxiliary Consumption including	%	1.200/	1.200/	1 200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			30%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	11	14.75%	11		
10.1	Type						
	Installed Capacity (Bo of Units x						
10.2	MW)	KW	100	100	100		
10.3	Peaking capacity during lean	_		Non-peaking			
10.4	period (MW)						
	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Shakti Nallah State/ Distt. Arunachal Pradesh/ Tawang District

Section Sect		Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
Sil								
No. Description Unit (Actual) (Estimated) (Projected) 1 Installed Capacity KW 100 100 100 2 Free Power to home state % NIL NIL NIL 3 Date of commercial operation — — — — 4 Type of Station — — 2008-09 — 4 Type of Station — Surface — a) Surface/ underground — Surface — b) Purely ROR/ Pondage/ Storage — Non-Peaking d) No of hours of peaking — N.A. e) Overload capacity (MW) & period — N.A. 5 Type of excitation — Static Excitation 6 Design Energy (Annual) Mus 0.83 0.83 0.83 7 Auxiliary Consumption including Transformation losses — — 50% — 8 Normative Plant Availability Factor (NAPAF) — — 50% —	SI	& other normal	rve parami			2015-16		
Installed Capacity		Description	Unit					
2 Free Power to home state % NIL NIL NIL		Installed Capacity	KW	` ′	` '			
Date of commercial operation		- ·						
Unit - 1			70	TILE	TUE	1112		
Unit - 2 2008-10		•			2008-09			
Type of Station Surface Surface Surface								
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P. Rs. Lakh P. Receivable for WC P. Rs. Lakh P. Receivable for WC P. Rakate P. Receivable for WC P. Rakate P. Prime lending Rate of SBI as on 07.11.2013 Prime lending Rate of SBI as on 07.11.2013 Prime lending Rate of SBI as on period (MW) Peaking capacity during lean period (MW) Provention and maintenance spares of the control of the co	4							
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Pive Overload capacity (MW) & Non-peaking N.A. N.A.					Surface			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh P. Raceivable for WC R. Lakh P. Rake P. Rate Receivable for WC R. Lakh P. Tax Rate Rota Rate Prime lending Rate of SBI as on 07.11.2013 Rotating exciters on generator Base Rate Capacity (Bo of Units x MW) Rota Plant Availability Fractor (NAPAF) Rota Rate Rota Rota Rate Rota Rota Rate Rota Rota Rate Rota Rota Rota Rota Rota Rota Rota Rota					Purely ROR			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh P. Raceivable for WC R. Lakh P. Rake P. Rate Receivable for WC R. Lakh P. Tax Rate Rota Rate Prime lending Rate of SBI as on 07.11.2013 Rotating exciters on generator Base Rate Capacity (Bo of Units x MW) Rota Plant Availability Fractor (NAPAF) Rota Rate Rota Rota Rate Rota Rota Rate Rota Rota Rate Rota Rota Rota Rota Rota Rota Rota Rota		c) Peaking/ non-peaking			Non-Peaking			
e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)								
Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.83 0.83 0.83 0.83 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9 Tax Rate 9 Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)		e) Overload capacity (MW) &						
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9 Tax Rate 9 Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)	5	Type of excitation						
b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Nus 0.83 0.83 0.83 1.20%		**						
Tansformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC Rs. Lakh 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20% 1.		ž ž		- Static Excitation				
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 11.20% 11.20% 11.20% 11.20% 11.20% 15.20	6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
Solution	7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 14.74 14 14 14 14 14 14 14 15 16 17 19 10 10 10 100 100 100 100		Transformation losses		1.20%	1.20%	1.20%		
Lakh 15% of Operation and maintenance expenses	8	_	%		50%			
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 % 14.75% 10.1 Type Installed Capacity (Bo of Units x MW) KW 100 100 100 10.3 Peaking capacity during lean period (MW) Non-peaking Non-peaking 10.4 Type of Turbine Installed Head (M) Installed Head (M) Installed Head (M)	9.1	Maintenance Spares for WC		15% of Opera	ation and mainter	nance expenses		
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.4 Tax Rate			%	14	14	14		
07.11.2013 % 14.75% 10.1 Type			%	Not Applicable	Not Applicable	Not Applicable		
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.5	=	%		14.75%			
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.1	Type						
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		Installed Capacity (Bo of Units x	KW	100	100	100		
10.5 Rated Head (M)	10.3			Non-peaking				
	10.4	Type of Turbine						
10.6 Rated Discharge (Cumes)	10.5	Rated Head (M)						
	10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Kitpi MHS Ph-II State/ Distt. Arunachal Pradesh/ Tawang District

	etails of Cod, Type of Hydro Station		tive Annual Plant	. Availability Fac	ctor (NAPAF)
			eters considered		(- : /
Sl.			2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	3000	3000	3000
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation				
	Unit – 1			2008-09	
	Unit – 2			2008-09	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) & period			N.A.	
5	Type of excitation				
	a) Rotating exciters on generator			G: E ::	
	b) Static excitation		1	Static Excitation	1
6	Design Energy (Annual)	Mus	24.97	24.97	24.97
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability Factor (NAPAF)	%		50%	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%	
10.1	Туре				
	Installed Capacity (Bo of Units x MW)	KW	3000	3000	3000
10.3	Peaking capacity during lean period (MW)		Non-peaking		
	1				
10.4	Type of Turbine				
	2				

Name of the Hydro Generating Station : Chellengkang Ph-II

State/ Distt. Arunachal Pradesh/ Tawang District

	etails of Cod, Type of Hydro Station		tive Annual Plant	, Availability Fac	ctor (NAPAF)		
			eters considered		(- 1)		
S1.			2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	30	30	30		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2008-09			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		a				
	b) Static excitation		1	Static Excitation			
6	Design Energy (Annual)	Mus	0.25	0.25	0.25		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Туре						
	Installed Capacity (Bo of Units x MW)	KW	30	30	30		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Bongleng State/ Distt. Arunachal Pradesh/ Tawang District

	etails of Cod, Type of Hydro Station		tive Annual Plant	Availability Fac	ctor (NAPAF)	
			eters considered		ctor (TTH 7H)	
Sl.	& other normal	uve param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	TVIL	TVIL	TVIL	
	Unit – 1			2009-10		
	Unit – 2			2009-10		
4	Type of Station			2007 10		
<u> </u>	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage					
	, ,			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation	1	
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.20/0	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	100	100	100	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
10.5	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Thimbu State/ Distt. Arunachal Pradesh/ Tawang District

	etails of Cod, Type of Hydro Station		tive Annual Plant	Availability Fac	ctor (NAPAF)	
			eters considered		ctor (TTH 7H)	
Sl.	& other normal	uve param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	TVIL	TVIL	TVIL	
	Unit – 1			2009-10		
	Unit – 2			2009-10		
4	Type of Station			2007 10		
<u> </u>	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage					
	, ,			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation	1	
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.20/0	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	100	100	100	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
10.5	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Bramdhongchung Ph-II State/ Distt. Arunachal Pradesh/ Tawang District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff 2014-15 2015-16 S1. 2013-14 Description Unit No. (Actual) (Estimated) (Projected) Installed Capacity KW 100 100 100 Free Power to home state % NIL NIL NIL Date of commercial operation 2010-11 Unit - 12010-11 Unit – 2 Type of Station a) Surface/ underground Surface b) Purely ROR/ Pondage/ Storage Purely ROR c) Peaking/ non-peaking Non-Peaking d) No of hours of peaking N.A. e) Overload capacity (MW) & N.A. period Type of excitation a) Rotating exciters on generator Static Excitation b) Static excitation Design Energy (Annual) Mus 0.83 0.83 0.83 **Auxiliary Consumption including** 1.20% 1.20% 1.20% Transformation losses Normative Plant Availability % 50% Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. 15% of Operation and maintenance expenses Lakh 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 14 % 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on % 14.75% 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x 100 KW 100 100 10.3 Peaking capacity during lean Non-peaking period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 10.6 Rated Discharge (Cumes)

Name of the Hydro Generating Station : Tsechu Nallah State/ Distt. Arunachal Pradesh/ Tawang District

	etails of Cod, Type of Hydro Station		tive Annual Plant	. Availability Fac	ctor (NAPAF)	
			eters considered f		(1 (1 11 1 11)	
S1.		2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2010-11		
	Unit – 2			2010-11		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NT A		
	period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		God B. tod			
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	100	100	100	
	Peaking capacity during lean period (MW)		Non-peaking			
	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Rahung State/ Distt. Arunachal Pradesh/ West Kameng District

	Details of Cod Trans of Hadro Stations Normative Association (NADAE)							
De	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff							
CI	& other normal	ive param			2015 16			
Sl.	Description	Unit	2013-14	2014-15	2015-16			
No.	•	17337	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	750	750	750			
	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation			1072.72				
	Unit – 1			1972-73				
	Unit – 2			1972-73				
	Unit – 3			1972-73				
4	Type of Station			G 6				
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			NI A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator		God B. tod					
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	6.24	6.24	6.24			
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/			
	Transformation losses		1.20%	1.20%	1.20%			
8	Normative Plant Availability	%		50 0/				
	Factor (NAPAF)			50%				
9.1	Maintenance Spares for WC	Rs.	150/					
	_	Lakh	15% of Opera	ation and mainter	iance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on	0/						
	07.11.2013	%		14.75%				
10.1	Туре							
	Installed Capacity (Bo of Units x	17337	750	750	750			
	MW)	KW	750	750	750			
10.3	Peaking capacity during lean			NI 1 .				
	period (MW)			Non-peaking				
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							
	<u> </u>							

Name of the Hydro Generating Station : Dirang State/ Distt. Arunachal Pradesh/ West Kameng District

Scatter Section Continue		etails of Cod, Type of Hydro Station			. Availability Fac	ctor (NAPAF)	
Si. Description Unit 2013-14 (Actual) (Estimated) (Projected)					· •	(1 (1 11 1 11)	
No. Description Unit (Actual) (Estimated) (Projected)	S1.					2015-16	
Installed Capacity		Description	Unit				
2 Free Power to home state % NIL NIL NIL		Installed Capacity	KW	` ′	` '		
Unit - 1		·	%	NIL	NIL	NIL	
Unit - 2	3	Date of commercial operation					
Unit - 3		Unit – 1			1977-78		
Unit - 4 1977-78 1977-78 4 Type of Station a) Surface/ underground Surface Purely ROR Purely ROR Purely ROR Overload capacity (MW) & period N.A. Static Excitation Auxiliary Consumption including Transformative Plant Availability Factor (NAPAF) Static (NAPAF) Stat		Unit – 2			1977-78		
Type of Station Surface Surface		Unit – 3			1977-78		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC R R. Lakh R. Lakh R. Lakh Equivalent to two months of fixed costs Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		Unit – 4			1977-78		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) 10.6 Verleaking 1.20 Non-Peaking N.A. 1.20 1.20 1.20 1.20% 1.20	4	Type of Station					
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		a) Surface/ underground			Surface		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		b) Purely ROR/ Pondage/ Storage			Purely ROR		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		c) Peaking/ non-peaking			Non-Peaking		
e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)							
period Type of excitation a) Rotating exciters on generator b) Static excitation Design Energy (Annual) Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC Rs. Lakh R. Lakh R. Lakh P.3 Base Rate of return on equity P.5 Trime lending Rate of SBI as on 07.11.2013 Design Energy (Annual) Not Applicable R. Lakh R. Lakh Requivalent to two months of fixed costs Not Applicable Not Italy Not Applicable Not Applicable Not Applicable Not Applicable R. Lakh Requivalent to two months of fixed costs 14.75% Not Applicable Not Applica							
Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 16.64 16.6				N.A.			
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 16.64 16.64 16.64 12.00 1.201 1.2013 1.2013 1.202 1.203 1.204 1.203 1.204 1.203 1.204 1.203 1.204 1.203 1.2	5	Type of excitation					
b) Static excitation 6 Design Energy (Annual) Mus 16.64 16.64 16.64 1.20%				G. 1. F. 1. 1.			
Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh R. Lakh Soft Applicable 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20% 1.				Static Excitation			
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 8 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 11.20% 15.20% 15.20% 15.80% 15.80% 15.90% 15	6	Design Energy (Annual)	Mus	16.64	16.64	16.64	
Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Normative Plant Availability 8	7	Auxiliary Consumption including	%	1 20%	1.20%	1.20%	
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 14.74 14 14 14 14 14 14 14 14 15 16 17 18 19 10 10 10 10 10 10 10 10 10				1.2070	1.2070	1.2070	
9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 144 14 14 14 15 14 15 14 15 15	8	Normative Plant Availability	%		50%		
Lakh 13% of Operation and maintenance expenses		Factor (NAPAF)			3070		
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.1	Maintenance Spares for WC		15% of Opera	ation and mainter	nance expenses	
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs	
9.4 Tax Rate	9.3	Base Rate of return on equity	%	14	14	14	
07.11.2013 % 14.75% 10.1 Type			%	Not Applicable	Not Applicable	Not Applicable	
10.1 Type	9.5	Prime lending Rate of SBI as on	0/		14.7504		
10.2 Installed Capacity (Bo of Units x MW)KW20002000200010.3 Peaking capacity during lean period (MW)Non-peaking10.4 Type of TurbineType of Turbine10.5 Rated Head (M)Type of Turbine			%0		14./3%		
10.2 Installed Capacity (Bo of Units x MW)KW20002000200010.3 Peaking capacity during lean period (MW)Non-peaking10.4 Type of TurbineType of Turbine10.5 Rated Head (M)Type of Turbine	10.1	Туре					
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-peaking			KW	2000	2000	2000	
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		,	IV VV	2000	2000	2000	
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.3	Peaking capacity during lean			Non-peaking		
10.5 Rated Head (M)		period (MW)			11011-peaking		
10.6 Rated Discharge (Cumes)							
	10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Sessa State/ Distt. Arunachal Pradesh/ West Kameng District

	etails of Cod, Type of Hydro Station			Avoilability For	eter (NADAE)		
					tor (NAFAF)		
C1	& other normal	ive param	eters considered		2015 16		
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	In stallad Compaite	ZW	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	1500	1500	1500		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation			1002.02			
-	Unit – 1			1992-93			
	Unit – 2			1992-93			
L.	Unit – 3			1992-93			
4	Type of Station			G G			
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NI A			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Contract Contract				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	12.48	12.48	12.48		
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50 0/			
	Factor (NAPAF)			50%			
9.1	Maintenance Spares for WC	Rs.	150/				
	-	Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on		, · ·				
	07.11.2013	%		14.75%			
10.1	Type						
	Installed Capacity (Bo of Units x	77777	1500	1500	1,500		
	MW)	KW	1500	1500	1500		
10.3	Peaking capacity during lean			NI 1 .			
	period (MW)			Non-peaking			
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
			1				

Name of the Hydro Generating Station : Rupa State/ Distt. Arunachal Pradesh/ West Kameng District

	etails of Cod, Type of Hydro Statio			Availability Fac	ctor (NAPAF)	
			eters considered		2001 (14711711)	
S1.		urve param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	200	200	200	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	TVIE	THE	TVIL	
	Unit – 1			1997-98		
	Unit – 2			1997-98		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator					
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	1.66	1.66	1.66	
7	Auxiliary Consumption including	%		4.2004		
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	200	200	200	
L						
10.3	Peaking capacity during lean period (MW)			Non-peaking		
				Non-peaking		
10.4	period (MW)			Non-peaking		

Name of the Hydro Generating Station : Dokumpani State/ Distt. Arunachal Pradesh/ West Kameng District

De	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		,		
Sl.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	30	30	30		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2000-01			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period						
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation						
	Design Energy (Annual)	Mus	0.25	0.25	0.25		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Туре						
10.2	Installed Capacity (Bo of Units x	KW	30	30	30		
	MW)	17.44	30	50	50		
	Peaking capacity during lean period (MW)			Non-peaking			
	Type of Turbine						
	Rated Head (M)						
	` /						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Domkhrong State/ Distt. Arunachal Pradesh/ West Kameng District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAF)		
			eters considered		tor (IVALAL)		
S1.	& other horman	ive parain	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
$\overline{}$	Installed Capacity	KW	2000	2000	2000		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	INIL	NIL	NIL		
3	Unit – 1			2008-09			
	Unit – 2			2008-09			
4	Type of Station			2000-07			
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage						
	b) I thery KOK/ I olidage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Ctatia Empitation			
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	16.64	16.64	16.64		
7	Auxiliary Consumption including	%	1.200/	1.20%	1.200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	0/					
	07.11.2013	%	14.75%				
	Type						
10.2	Installed Capacity (Bo of Units x	KW	2000	2000	2000		
	MW)	V.W.	2000	2000	2000		
10.3	Peaking capacity during lean			Non-peaking			
	period (MW)						
10.4	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						
-	•						

Name of the Hydro Generating Station : Sinchung State/ Distr. Arunachal Pradesh/ West Kameng District

De	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)		
			eters considered		,		
Sl.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	50	50	50		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2008-09			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	0.42	0.42	0.42		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Туре						
	Installed Capacity (Bo of Units x MW)	KW	50	50	50		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4							
10.4	Type of Turbine						
	Type of Turbine Rated Head (M)						

Name of the Hydro Generating Station : Ankaling State/ Distt. Arunachal Pradesh/ West Kameng District

	etails of Cod, Type of Hydro Station			Availability Fac	ctor (NAPAF)			
	& other normative parameters considered for Tariff							
S1.			2013-14	2014-15	2015-16			
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
$\overline{}$	Installed Capacity	KW	30	30	30			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2009-10				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) & period			N.A.				
5	Type of excitation							
	a) Rotating exciters on generator		Statia Evaluation					
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	0.25	0.25	0.25			
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%			
8	Normative Plant Availability Factor (NAPAF)	%		50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%					
10.1	Туре							
	Installed Capacity (Bo of Units x MW)	KW	30	30	30			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							
	U \ /							

Name of the Hydro Generating Station : Khet State/ Distt. Arunachal Pradesh/ West Kameng District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff 2015-16 (Actual) 2013-14 (Actual) (Estimated) (Projected)		etails of Cod. Type of Hydro Station			Availability Fac	etor (NAPAF)	
Si. No. Description						tor (IVALAL)	
No. Description Unit (Actual) (Estimated) (Projected)	C1	& other normal	irve parain			2015 16	
Installed Capacity		Description	Unit				
2 Free Power to home state % NIL NIL NIL 3 Date of commercial operation Unit − 1 4 Type of Station 3 Surface/ underground Surface Unit − 2 5 Purely ROR/ Pondage/ Storage Purely ROR 6 Overload capacity (MW) & period N.A. 6 Overload capacity of excitation Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh Equivalent to two months of fixed costs 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on Office of the state of the st		Installed Canacity	KW				
Date of commercial operation							
Unit - 1			/0	IVIL	NIL	NIL	
Unit - 2 2009-10		<u> </u>			2009 10		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Purely ROR Non-Peaking Purely ROR Surface Non-Peaking							
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh P. Receivable for WC R. Lakh R. Lakh Requivalent to two months of fixed costs Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Poverload capacity (MW) & Non-Peaking Nn.A. Surface Purely ROR Non-Peaking Non-Peaking N.A. Static Excitation Static Excitation No.83 0.83 0.83 0.83 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.40% 1.40% 1.40% 1.414 1.4					2007 10		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Purely ROR Non-Peaking NAA. Pour Static Excitation 8. NAB NAB NAB NAB NAB NAB NAB NAB					Surface		
c) Peaking/non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)					Bulluce		
d) No of hours of peaking e) Overload capacity (MW) & period		b) I thery KOK/ I olidage/ Storage			Purely ROR		
d) No of hours of peaking e) Overload capacity (MW) & period		c) Peaking/ non-peaking			Non-Peaking		
period					N.A.		
Period		e) Overload capacity (MW) &			NT A		
a) Rotating exciters on generator b) Static excitation boses by Static Excitation by Static Exci		period		N.A.			
a) Rotating exciters on generator b) Static excitation boses by Static Excitation by Static Exci	5	Type of excitation					
6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Mus 0.83 0.83 0.83 1.20%					Ctatia E-aitatian		
Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20%		b) Static excitation			Static Excitation	1	
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 11.20% 11.20% 11.20% 11.20% 11.20% 15.20% 16.20%	6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
Solution State Solution State Solution Solu	7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/	
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 144 14 14 14 14 14 14 14 14		Transformation losses		1.20%	1.20%	1.20%	
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 144 14 14 14 14 14 14 14 15 104 105 106 107 107 107 108 109 109 100 100 100 100 100	8	Normative Plant Availability	%		50 0/		
Lakh Equivalent to two months of fixed costs		=			30%		
Lakh Equivalent to two months of fixed costs	9.1	Maintenance Spares for WC	Rs.	150/ of Onom	ation and maintag		
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		-	Lakh	15% of Opera	ation and mainter	iance expenses	
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent to two months of fixed costs			
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.3	Base Rate of return on equity	%	14	14	14	
07.11.2013 % 14.75% 10.1 Type	9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.5	Prime lending Rate of SBI as on	0/-		1/1 75%		
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 100 100 100 100 100		07.11.2013	70		14./370		
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)							
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-peaking Non-peaking	10.2	Installed Capacity (Bo of Units x	KW/	100	100	100	
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			IX VV	100	100	100	
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.3				Non-peaking		
10.5 Rated Head (M)		period (MW)			Tron-peaking		
	10.4	Type of Turbine					
10.6 Rated Discharge (Cumes)	10.5	Rated Head (M)					
	10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Dikshi State/ Distt. Arunachal Pradesh/ West Kameng District

D	etails of Cod, Type of Hydro Station	ns, Normat	tive Annual Plant	, Availability Fac	ctor (NAPAF)		
	& other norma	tive param	eters considered	for Tariff			
Sl.	Description	T T : 4	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	30	30	30		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2010-11			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Static Excitation			
	b) Static excitation			Static Excitation	1		
6	Design Energy (Annual)	Mus	0.25	0.25	0.25		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	30	30	30		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Khadiyabey State/ Distt. Arunachal Pradesh/ West Kameng District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl. No.	Description	Unit	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)	
1	Installed Capacity	KW	200	200	200	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2011-12		
	Unit – 2			2011-12		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period					
5	Type of excitation					
	a) Rotating exciters on generatorb) Static excitation		Static Excitation			
6	Design Energy (Annual)	Mus	1.66	1.66	1.66	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x MW)	KW	200	200	200	
10.3	Peaking capacity during lean period (MW)			Non-peaking		
10.4	Type of Turbine					
	Rated Head (M)					
10.5	Raicu Heau (M)					

Name of the Hydro Generating Station : Seppa State/ Distt. Arunachal Pradesh/ East Kameng District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		2001 (11111111)		
S1.	ec other normal	rve param	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	300	300	300		
	Free Power to home state	%	NIL	NIL	NIL		
	Date of commercial operation	/0	NIL	TVIL	TILL		
	Unit – 1			1980-81			
	Unit – 2			1980-81			
	Unit – 3			1980-81			
4	Type of Station			1700 01			
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Bulluce			
	b) I diciy KOK/ I olidage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			IN.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Static Excitation			
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	2.50	2.50	2.50		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs.	15% of Oper	ation and mainter	nance evnences		
		Lakh	13% of Opera	ation and mainter	iance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on 07.11.2013	%		14.75%			
	Type						
	Installed Capacity (Bo of Units x						
	MW)	KW	300	300	300		
	Peaking capacity during lean			Non-peaking			
	period (MW)			Tion pouning			
10.4	Type of Turbine						
	Rated Head (M) Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Pakke Kessang State/ Distr. Arunachal Pradesh/ East Kameng District

	etails of Cod, Type of Hydro Station	ns, Normat	tive Annual Plant	, Availability Fac	ctor (NAPAF)		
1			eters considered		,		
Sl.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	30	30	30		
	Free Power to home state	%	NIL	NIL	NIL		
	Date of commercial operation						
	Unit – 1			2001-02			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	0.25	0.25	0.25		
	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
	Normative Plant Availability Factor (NAPAF)	%		50%			
	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
-	Туре						
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30	30		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
	Type of Turbine						
	Rated Head (M)						
10.5							

Name of the Hydro Generating Station : Pacha MHS State/ Distt. Arunachal Pradesh/ East Kameng District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)
			eters considered		
Sl.			2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	3000	3000	3000
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation				
	Unit – 1			2008-09	
	Unit – 2			2008-09	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			N.A.	
	period			N.A.	
5	Type of excitation				
	a) Rotating exciters on generator			Statio Evaluation	
	b) Static excitation			Static Excitation	1
6	Design Energy (Annual)	Mus	24.97	24.97	24.97
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.20%	1.2070	1.20%
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%		
10.1	Type				
	Installed Capacity (Bo of Units x MW)	KW	3000	3000	3000
10.3	Peaking capacity during lean period (MW)		Non-peaking		
10.4	Type of Turbine				
	Rated Head (M)			_	
10.6	Rated Discharge (Cumes)				

Name of the Hydro Generating Station : Pakoti State/ Distt. Arunachal Pradesh/ East Kameng District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		, ,	
Sl.	Description	Unit	2013-14	2014-15	2015-16	
No.	-		(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation			2010 11		
	Unit – 1			2010-11		
	Unit – 2			2010-11		
4	Type of Station			C		
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NI A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	6 s	%	14.75%			
10.1	07.11.2013					
	Type					
10.2	Installed Capacity (Bo of Units x	KW	100	100	100	
10.0	MW)					
10.3	Peaking capacity during lean period (MW)			Non-peaking		
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					
10.0	Rated Discharge (Culles)					

Name of the Hydro Generating Station : Patta Nallah State/ Distt. Arunachal Pradesh/ East Kameng District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAE)	
			eters considered		loi (NAFAI)	
CI	& other normal	ive param	2013-14	2014-15	2015-16	
Sl.	Description	Unit				
No.	In stallad Compaite	ZW	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation			2010-11		
	Unit – 1			2010-11		
4	Unit – 2			2010-11		
4	Type of Station			Surface		
	a) Surface/ underground			Surrace		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NT A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Statia Evaitation		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.200/	1.200/	1 200/	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs	
_	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x					
	MW)	KW	100	100	100	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
10.5	Rated Head (M)					
10.6	Rated Discharge (Cumes)					
		_				

Name of the Hydro Generating Station : Watte Mame State/ Distt. Arunachal Pradesh/ East Kameng District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	50	50	50	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2010-11		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		Caralin E-mitation			
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.42	0.42	0.42	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x MW)	KW	50	50	50	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Kade Nallah State/ Distt. Arunachal Pradesh/ East Kameng District

	etails of Cod, Type of Hydro Station			. Availability Fac	ctor (NAPAF)	
			eters considered		(1 (1 11 1 11)	
S1.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
$\overline{}$	Installed Capacity	KW	50	50	50	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2010-11		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		Static Evolution			
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.42	0.42	0.42	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	50	50	50	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Patte MHS at Tali State/ Distt. Arunachal Pradesh/ Kurung Kumey District

Sil		etails of Cod, Type of Hydro Statio			, Availability Fac	ctor (NAPAF)	
S1. Description						,	
No. Description Unit (Actual) (Estimated) (Projected)	Sl.						
Installed Capacity		Description	Unit				
2 Free Power to home state % NIL NIL NIL NIL 3 Date of commercial operation Unit - 1 2004-05 4 Type of Station a) Surface/ underground Surface b) Purely ROR/ Pondage/ Storage Purely ROR c) Peaking/ non-peaking Non-Peaking d) No of hours of peaking N.A. e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator Static excitation b) Static excitation Static excitation d) Design Energy (Annual) Mus 0.25 0.25 0.25 7 Auxiliary Consumption including Transformation losses 1.20% 1.20% 1.20% 8 Normative Plant Availability % 50% Factor (NAPAF) Static excitation 50% 9.1 Maintenance Spares for WC R. Lakh Equivalent to two months of fixed costs 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on off-11.2013 14.75% 10.1 Type	1	Installed Capacity	KW		,	•	
Unit - 1 Type of Station a) Surface/ underground b) Purely ROR/ Pondage/ Storage 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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh Pake Receivable for WC R. Lakh R. Lakh R. Lakh P. Static excitation and maintenance expenses R. Lakh P. Static excitation 1.20% 1.20	2		%	NIL	NIL	NIL	
A Type of Station Surface Development Development Surface Development Develo	3	Date of commercial operation					
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh R. Lakh P.4 Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) R. Tupe of Turbine 10.5 Rated Head (M) Surface Purely ROR Purely Rof Pureling Purely Rof Pureling Purelin		Unit – 1			2004-05		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh R. Lakh P.4 Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) R. Tupe of Turbine 10.5 Rated Head (M) Surface Purely ROR Purely Rof Pureling Purely Rof Pureling Purelin	4	Type of Station					
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity R. Tax Rate R. Lakh P.4 Tax Rate R. Lakh P.5 Prime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Non-peaking Nn.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. No. No					Surface		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)		b) Purely ROR/ Pondage/ Storage			Purely ROR		
e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)		c) Peaking/ non-peaking			Non-Peaking		
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)					N.A.	_	
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.25 0.25 0.25 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M)		_ · · · · · · · · · · · · · · · · · · ·			N.A.		
b) Static excitation 6 Design Energy (Annual) Mus 0.25 0.25 0.25 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 R. Lakh 9.3 Base Rate of return on equity Rax Rate 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M)	5	Type of excitation					
b) Static excitation 6 Design Energy (Annual) Mus 0.25 0.25 0.25 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 15% of Operation and maintenance expenses 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		a) Rotating exciters on generator		Statia Empitation			
7Auxiliary Consumption including Transformation losses1.20%1.20%1.20%8Normative Plant Availability Factor (NAPAF)%50%9.1Maintenance Spares for WCRs. Lakh15% of Operation and maintenance expenses9.2Receivable for WCR. LakhEquivalent to two months of fixed costs9.3Base Rate of return on equity%1414149.4Tax Rate%Not ApplicableNot ApplicableNot Applicable9.5Prime lending Rate of SBI as on 07.11.2013%14.75%10.1Type10.2Installed Capacity (Bo of Units x MW)KW30303010.3Peaking capacity during lean period (MW)Non-peaking10.4Type of TurbineNon-peaking10.5Rated Head (M)		b) Static excitation			Static Excitation	1	
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	7		%	1.20%	1.20%	1.20%	
9.1 Maintenance Spares for WC Lakh 15% of Operation and maintenance expenses 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	8	•	%	50%			
9.3 Base Rate of return on equity % 14 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 % 14.75% 14.75% 10.1 Type 10.2 Installed Capacity (Bo of Units x MW)	9.1			15% of Opera	ation and mainter	nance expenses	
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.4 Tax Rate	9.3	Base Rate of return on equity	%	14	14	14	
07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			%	Not Applicable	Not Applicable	Not Applicable	
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) KW 30 30 10.3 Peaking capacity during lean period (MW) Non-peaking 10.4 Type of Turbine 10.5 Rated Head (M)	9.5	_	%	14.75%			
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.1						
10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		Installed Capacity (Bo of Units x	KW	30	30	30	
10.4 Type of Turbine 10.5 Rated Head (M)	10.3	Peaking capacity during lean		Non-peaking			
10.5 Rated Head (M)	10.4						
` '							
		` /					

Name of the Hydro Generating Station : Koye

State/ Distt. Arunachal Pradesh/ Kurung Kumey District

	etails of Cod, Type of Hydro Station			Avoilability For	eter (NADAE)
	**		eters considered		CIOI (NAFAI)
S1.	& other normal	iive paraiii	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	50	50	50
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation	70	INIL	NIL	INIL
3	Unit – 1			2009-10	
4	Type of Station			2009-10	
4	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Surrace	
	b) Purely KOR/ Polidage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			N.A.	
	period				
5	Type of excitation				
	a) Rotating exciters on generator			Static Excitation	1
	b) Static excitation				
6	Design Energy (Annual)	Mus	0.42	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%
8	Normative Plant Availability	%		50%	
0.1	Factor (NAPAF)	Rs.			
9.1	Maintenance Spares for WC	Ks. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%		
10.1	Type				
	Installed Capacity (Bo of Units x	KW	50	50	50
	MW)	17.11	30	30	50
10.3	Peaking capacity during lean period (MW)		Non-peaking		
10.4	Type of Turbine				
	Rated Head (M)				
	Rated Discharge (Cumes)				
10.0	rated Discharge (Culles)				

Name of the Hydro Generating Station : Chambang State/ Distt. Arunachal Pradesh/ Kurung Kumey District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	30	30	30	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2009-10		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		G. C. F. C. C.			
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4		%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x MW)	KW	30	30	30	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Paya MHS at Hiya State/ Distt. Arunachal Pradesh/ Kurung Kumey District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAE)	
			eters considered		loi (NAFAI)	
CI	& other normal	ive param	2013-14	2014-15	2015 16	
Sl.	Description	Unit			2015-16	
No.	In stallad Compaite	ZW	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation			2011-12		
	Unit – 1			2011-12		
4	Unit – 2			2011-12		
4	Type of Station			Surface		
	a) Surface/ underground			Surrace		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NT A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Statia Evaitation		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.200/	1.200/	1 200/	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs	
_	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x					
	MW)	KW	100	100	100	
10.3	Peaking capacity during lean period (MW)			Non-peaking		
10.4	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Mai PH-I State/ Distt. Arunachal Pradesh/ Lower Subansiri District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAF)
	7.7		eters considered		tor (NALAL)
Sl.	& Other Hoffila	ive paraili	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
	Installed Capacity	KW	2000	2000	2000
2	Free Power to home state	%	NIL	NIL	NIL NIL
	Date of commercial operation	70	NIL	NIL	NIL
3	Unit – 1			1977-78	
	Unit – 2			1977-78	
	Unit – 3			1977-78	
	Unit – 4			1977-78	
4	Type of Station			1977-76	
4	a) Surface/ underground			Surface	
	•			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			N.A.	
	period			IV.A.	
5	Type of excitation				
	a) Rotating exciters on generator		Static Excitation		
	b) Static excitation		Static Excitation		
6	Design Energy (Annual)	Mus	16.64	16.64	16.64
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.2070	1.2070	1.2070
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on				* *
	07.11.2013	%	14.75%		
10.1	Туре				
	Installed Capacity (Bo of Units x	17337	2000	2000	2000
	MW)	KW	2000	2000	2000
10.3	Peaking capacity during lean			Non modein -	
	period (MW)			Non-peaking	
10.4	Type of Turbine				
	Rated Head (M)				
10.6	Rated Discharge (Cumes)				
	<u> </u>				

Name of the Hydro Generating Station : Mai PH-II State/ Distt. Arunachal Pradesh/ Lower Subansiri District

De	etails of Cod, Type of Hydro Station			. Availability Fa	ctor (NAPAF)
			eters considered		,
S1.			2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	1000	1000	1000
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation	70	1112	1112	1112
	Unit – 1			1982-83	
	Unit – 2			1982-83	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			D 1 DOD	
	in grant grant and			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			N.A.	
	period			N.A.	
5	Type of excitation				
	a) Rotating exciters on generator			Static Excitation	
	b) Static excitation			Static Excitation	1
6	Design Energy (Annual)	Mus	8.32	8.32	8.32
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs.	15% of Oper	ation and mainter	nance expenses
		Lakh	_		
9.2		R. Lakh		to two months o	f fixed costs
	Base Rate of return on equity	%	14	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	8	%		14.75%	
	07.11.2013	70		1 70	Ī
	Type				
10.2	Installed Capacity (Bo of Units x	KW	1000	1000	1000
	MW)	12.11	1000	1000	1000
10.3	Peaking capacity during lean			Non-peaking	
	period (MW)				T
	Type of Turbine				
	Rated Head (M)				
10.6	Rated Discharge (Cumes)				

Name of the Hydro Generating Station : Tago State/ Distt. Arunachal Pradesh/ Lower Subansiri District

	etails of Cod, Type of Hydro Statio			Availability Fac	ctor (NAPAF)	
	**		eters considered		2101 (1111111)	
S1.	C other normal	urve param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	4500	4500	4500	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	/0	TVIL	TVIL	NIL	
3	Unit – 1			1992-93		
	Unit – 2			1992-93		
	Unit – 3			1992-93		
4	Type of Station			1772-73		
4	a) Surface/ underground			Surface		
			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Ctatia E-aitatian		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	37.45	37.45	37.45	
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		500/		
	Factor (NAPAF)			50%		
9.1	Maintenance Spares for WC	Rs.	150/ 50	. 1		
	-	Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x					
10.2	MW)	KW	4500	4500	4500	
10.3	Peaking capacity during lean			Non-peaking		
	period (MW)					
10.4	Type of Turbine					
	Rated Head (M)					
10.5	Raicu Ticau (WI)					

Name of the Hydro Generating Station : Dulom (Daporijo) State/ Distt. Arunachal Pradesh/ Upper Subansiri District

De	etails of Cod, Type of Hydro Station		tive Annual Plant	, Availability Fac	ctor (NAPAF)
			eters considered		<u> </u>
Sl.	Б	TT '.	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	400	400	400
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation				
	Unit – 1			1981-82	
	Unit – 2			1981-82	
	Unit – 3			1981-82	
	Unit – 4			1981-82	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Daniela, DOD	
				Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			N.A.	
	period			IN.A.	
5	Type of excitation				
	a) Rotating exciters on generator			Static Excitation	
	b) Static excitation			Static Excitation	I
6	Design Energy (Annual)	Mus	3.33	3.33	3.33
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			30%	
9.1	Maintenance Spares for WC	Rs.	15% of Oper	ation and mainter	anco avnancac
		Lakh	13% of Opera	ation and mainter	iance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on	%		14 75%	
	07.11.2013	%0	14.75%		
10.1	Туре				
10.2	Installed Capacity (Bo of Units x	KW	400	400	400
	MW)	KW	400	400	400
10.3	Peaking capacity during lean			Non modein =	
	period (MW)			Non-peaking	
10.4	Type of Turbine				
	Rated Head (M)				

Name of the Hydro Generating Station : Maro

State/ Distt. Arunachal Pradesh/ Upper Subansiri District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
	**		eters considered		,	
S1.			2013-14 2014-15 2015-16			
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	30	30	30	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2002-03		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		Quit Partie			
	b) Static excitation		Static Excitation			
6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4		%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	30	30	30	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Sippi State/ Distt. Arunachal Pradesh/ Upper Subansiri District

	etails of Cod, Type of Hydro Station			. Availability Fac	ctor (NAPAF)	
			eters considered		(= == ==)	
S1.		•	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	4000	4000	4000	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation			-		
	Unit – 1			2008-09		
	Unit – 2			2008-09		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
3	* *					
	a) Rotating exciters on generatorb) Static excitation		Static Excitation			
6	Design Energy (Annual)	Mus	33.29	33.29	33.29	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x MW)	KW	4000	4000	4000	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
10.5	114104 11044 (1.1)					

Name of the Hydro Generating Station : Ayingmuri MHS State/ Distt. Arunachal Pradesh/ Upper Subansiri District

$\mathbf{L} = \mathbf{D} \epsilon$	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	& other normative parameters considered for Tariff						
S1.		Tre param	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	250	250	250		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	TVIE	TUL	TUL		
	Unit – 1			2012-13			
	Unit – 2			2012-13			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			D 1 DOD			
	, ;			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NI A			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Chatia Essitatian				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	2.08 2.08 2.08				
7	Auxiliary Consumption including	%	1 200/	1.200/			
		%	1.20%	1.20%	1.20%		
7	Auxiliary Consumption including	%	1.20%				
8	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF)		1.20%	1.20%			
8	Auxiliary Consumption including Transformation losses Normative Plant Availability	% Rs.		50%	1.20%		
7 8 9.1	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC	% Rs. Lakh	15% of Opera	50% ation and mainter	1.20%		
7 8 9.1 9.2	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC	% Rs.	15% of Opera	50%	1.20%		
7 8 9.1 9.2 9.3	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of	1.20% nance expenses f fixed costs 14		
7 8 9.1 9.2 9.3 9.4	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate	% Rs. Lakh R. Lakh	15% of Opera Equivalent 14	50% ation and mainter to two months o	1.20% nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	1.20% nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of	1.20% nance expenses f fixed costs 14		
7 8 9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	1.20% nance expenses f fixed costs 14		
7 8 9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW)	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	1.20% nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5 10.1	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW) Type of Turbine	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2 10.3	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable		

Name of the Hydro Generating Station : limeking MHS State/ Distt. Arunachal Pradesh/ Upper Subansiri District

Solution		etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
SI. Description		7.1				,	
No. Description Unit (Actual) (Estimated) (Projected 1 Installed Capacity KW 30 30 30 30 30 30 30 3	Sl.					2015-16	
Installed Capacity	No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
3 Date of commercial operation	1	Installed Capacity	KW	30	30	·	
Unit – 1 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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Polype Mondage/ Storage Purely ROR Non-Peaking	2	Free Power to home state	%	NIL	NIL	NIL	
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on O7.11.2013 Peaking capacity during lean Non-peaking Purely ROR Non-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Purely ROR Surface Purely ROR Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking Nna-Peaking	3	Date of commercial operation					
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Pover Availage of SBI as on O7.10.20		Unit – 1			2012-13		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Pover Availage of SBI as on O7.10.20	4	Type of Station					
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity R. Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking		a) Surface/ underground			Surface		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.25 0.25 0.25 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking		b) Purely ROR/ Pondage/ Storage			Purely ROR		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity R. Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) N.A.		c) Peaking/ non-peaking			Non-Peaking		
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking							
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking Static Excitation Static Excitation		_ · · · · · · · · · · · · · · · · · · ·			N.A.		
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.25 0.25 0.25 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking Static Excitation Static Ex	5	Type of excitation					
b) Static excitation 6 Design Energy (Annual) Mus 0.25 0.25 0.25 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applica 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking				Quit Partie			
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 1.20%				Static Excitation			
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 11.20% 11.20% 1	6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean 8 Normative Plant Availability 8 50% 15% of Operation and maintenance expense 15% of Operation and maintenance expense 14.75% of Operation and maintenance expense	7		%	1.20%	1.20%	1.20%	
9.1 Maintenance Spares for WC Rs. Lakh 15% of Operation and maintenance expense 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable Not Applica 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	8	Normative Plant Availability	%		50%		
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applica 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	9.1			15% of Opera	ation and mainter	nance expenses	
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.4 Tax Rate	9.3	Base Rate of return on equity	%	_			
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking			%	Not Applicable	Not Applicable	Not Applicable	
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 30 30 30 10.3 Peaking capacity during lean	9.5	_	%				
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	10.1						
10.3 Peaking capacity during lean		Installed Capacity (Bo of Units x	KW	30	30	30	
period (MW)	10.3	Peaking capacity during lean		Non-peaking			
10.4 Type of Turbine	10.4	± ` ′					
10.5 Rated Head (M)							
10.6 Rated Discharge (Cumes)		` /					

Name of the Hydro Generating Station : Pinto Karo MHS State/ Distt. Arunachal Pradesh/ Upper Subansiri District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		,		
S1.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	25	25	25		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2011-12			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Static Excitation			
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	0.21	0.21	0.21		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	25	25	25		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						

Name of the Hydro Generating Station : Sikin Koro State/ Distr. Arunachal Pradesh/ Upper Subansiri District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff 2015-16 (Actual) (Estimated) (Projected)		etails of Cod. Type of Hydro Station			Δvailability Fac	etor (NAPAF)		
SI. No. Description Unit 2013-14 2014-15 (Estimated) (Projected)						tor (IVALAL)		
No. Description Unit (Actual) (Estimated) (Projected)	C1	& other normal	ive param			2015 16		
Installed Capacity		Description	Unit					
2 Free Power to home state % NIL NIL NIL NIL 3 Date of commercial operation		Installed Canacity	VW	` ′	` '			
3 Date of commercial operation								
Unit - 1			70	INIL	NIL	NIL		
Unit - 2 4 Type of Station a) Surface/ underground b) Purely ROR/ Pondage/ Storage 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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity R. Lakh P.4 Tax Rate P.5 Prime lending Rate of SBI as on O'7.11.2013 Rotatile Capacity (Bo of Units x MW) RW P.5 Company Com		1			2011 12			
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-peaking Purely ROR Non-Peaking Non-Peaking NA. 1.204 Non-Peaking Non-Peaking Non-Peaking Non-Peaking Non-Peaking Non-Peaking								
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 15% of Operation and maintenance expenses 8 Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-Peaking Purely ROR Pushing Non-Peaking Purely ROR Pushing Non-Peaking Purely RoR Purely RoR Pushing Non-peaking Purely RoR Pushing Non-peaking Purely RoR Purely RoR Pushing Non-peaking Purely RoR Purely RoR Pushing Non-peaking Purely Ror Purely Ror Purely Ror Pushing Non-peaking Purely Ror Pushing Non-peaking Non-peaking Purely Ror Pushing Non-peaking Non-peaking Non-peaking Non-peaking Non-peaking	4				2011-12			
b) Purely ROR/ Pondage/ Storage c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9 Tax Rate 9.4 Tax Rate 9 Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Pinal Na. Purely ROR Non-Peaking	-	* 4			Surface			
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) N.A. N.A. N.A. N.A. N.A. Static Excitation 1.66 1.66 1.66 1.66 1.20% 1.2					Surrace			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.		b) Fullely KOK/ Folidage/ Storage			Purely ROR			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.		c) Peaking/ non-peaking			Non-Peaking			
e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)								
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)					NT A			
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 1.66 1.66 1.66 1.66 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 15% of Operation and maintenance expenses 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 9 14 14 14 14 19.4 Tax Rate 9 Not Applicable Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)				N.A.				
b) Static excitation 6 Design Energy (Annual) Mus 1.66 1.66 1.66 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity Mot Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Installed Capacity (Bo of Units x MW) 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)	5	Type of excitation						
6 Design Energy (Annual) Mus 1.66 1.66 1.66 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh Equivalent to two months of fixed costs 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)				Chatia Empiration				
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity % 14 14 14 14 14 14 14 14 14 14 14 14 14		b) Static excitation		Static Excitation				
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	6	Design Energy (Annual)	Mus	1.66	1.66	1.66		
Transformation losses Normative Plant Availability Factor (NAPAF) S0%	7	Auxiliary Consumption including	%	1 20%	1 20%	1 20%		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 14.75% 144 14 14 15 Not Applicable Not Applicable Not Applicable Not Appli		Transformation losses		1.20%	1.20%	1.20%		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh Sase Rate of return on equity 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	8	Normative Plant Availability	%		50%			
Lakh 15 % of Operation and Hamichance expenses					3070			
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.1	Maintenance Spares for WC		15% of Operation and maintenance expenses				
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.3	Base Rate of return on equity	%	14	14	14		
07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.5	Prime lending Rate of SBI as on	0/-		1/1 75%			
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		07.11.2013	70	14.75%				
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)								
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.2	Installed Capacity (Bo of Units x	KW	200	200	200		
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		,	IZ VV	200	200	200		
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.3			Non posking				
10.5 Rated Head (M)		1 /		Non-peaking				
		* 4						
10.6 Rated Discharge (Cumes)								
	10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Sinyum Koro State/ Distt. Arunachal Pradesh/ Upper Subansiri District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)		
			eters considered		,		
Sl. No.	Description	Unit	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)		
1	Installed Capacity	KW	100	100	100		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2011-12			
	Unit – 2			2011-12			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
5	period Type of excitation						
	a) Rotating exciters on generator						
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses				
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	100	100	100		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Kojin Nallah State/ Distt. Arunachal Pradesh/ Upper Subansiri District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAF)	
			eters considered		tor (IVALAL)	
S1.	& other normal	irve parain	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	TVIE	TUL	TVIL	
	Unit – 1			2011-12		
	Unit – 2			2011-12		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
-	Type of excitation					
5						
	a) Rotating exciters on generatorb) Static excitation		Static Excitation			
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	0.65	0.65	0.63	
	Transformation losses	/0	1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)					
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x MW)	KW	100	100	100	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
10.5	Rated flead (M)					

Name of the Hydro Generating Station : Pagi (Basar) State/ Distt. Arunachal Pradesh/ West Siang District

	etails of Cod, Type of Hydro Station			Δvailability Fac	etor (NAPAF)		
			eters considered		tor (IVALAL)		
S1.	& other normal	ive param	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
$\overline{}$	Installed Capacity	KW	100	100	100		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	INIL	NIL	NIL		
3	Unit – 1			1972-73			
	Unit – 2			1972-73			
4	Type of Station			1712-13			
-	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Surrace			
	b) Fullely KOK/ Folidage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Chatia Empiration				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses				
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	0/					
	07.11.2013	%	14.75%				
	Туре						
10.2	Installed Capacity (Bo of Units x	KW	100	100	100		
	MW)	IV VV	100	100	100		
10.3	Peaking capacity during lean		Non pasking				
	period (MW)		Non-peaking				
	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						
					-		

Name of the Hydro Generating Station : Along State/ Distr. Arunachal Pradesh/ West Siang District

	State/ Distr. Arunachal Pradesh/ West Stang District Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
De					ctor (NAPAF)		
~-	& other normal	ive param	eters considered t				
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	•		(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	400	400	400		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			1975-76			
	Unit – 2			1975-76			
	Unit – 3			1975-76			
	Unit – 4			1975-76			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			37.4			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator						
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	3.33	3.33	3.33		
7	Auxiliary Consumption including	%					
	Transformation losses	, 0	1.20%	1.20%	1.20%		
8	Normative Plant Availability	%					
	Factor (NAPAF)	70		50%			
9.1	Maintenance Spares for WC	Rs.					
		Lakh	_	ation and mainter			
	Receivable for WC	R. Lakh	_	to two months o			
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	%		14.75%			
	07.11.2013	/0	14./5%				
10.1	Туре						
10.2	Installed Capacity (Bo of Units x	KW	400	400	400		
	MW)	IV VV	400	400	400		
10.3	Peaking capacity during lean			Non-peaking			
	period (MW)			mon-peaking			
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
	<i>U</i> (/		1				

Name of the Hydro Generating Station : Ego-Echi (Dali) State/ Distt. Arunachal Pradesh/ West Siang District

De	etails of Cod, Type of Hydro Station			. Availability Fac	ctor (NAPAF)	
			eters considered		(1111111)	
S1.		are param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
	Installed Capacity	KW	400	400	400	
2	Free Power to home state	%	NIL	NIL	NIL	
-	Date of commercial operation	70	TULE	TUL	TUL	
	Unit – 1			1987-88		
	Unit – 2			1987-88		
	Unit – 3			1987-88		
	Unit – 4			1987-88		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			D 1 DOD		
	, , ,			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		Static Excitation			
	b) Static excitation			Static Excitation	I	
6	Design Energy (Annual)	Mus	3.33	3.33	3.33	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	nance expenses	
		Lakh	_			
	Receivable for WC	R. Lakh	-	to two months o		
	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on	%		14.75%		
16.1	07.11.2013		14./3%			
	Type					
	Installed Capacity (Bo of Units x	KW	400	400	400	
	MW)					
10.3	Peaking capacity during lean			Non-peaking		
16.1	period (MW)					
	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Mechuka State/ Distt. Arunachal Pradesh/ West Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
De					tor (NAPAF)		
CI	& otner normal	ive param	eters considered		2015 16		
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	•	17337	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	350	350	350		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation			1000.00			
	Unit – 1			1989-90			
	Unit – 2			1989-90			
	Unit – 3			2005-06			
4	Type of Station			G 6			
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			G: :: E :: ::			
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	2.91	2.91	2.91		
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		500/			
	Factor (NAPAF)			50%			
9.1	Maintenance Spares for WC	Rs.	150/ 50	. 1			
	•	Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on		**				
	07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x	****	250	250	250		
	MW)	KW	350	350	350		
	Peaking capacity during lean			NT 1.			
	period (MW)			Non-peaking			
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
	/						

Name of the Hydro Generating Station : Yomcha State/ Distt. Arunachal Pradesh/ West Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	**		eters considered		ctor (IVALAL)		
S1.		irve parain	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	50	50	50		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	1,125	TILE	1,12		
	Unit – 1			2001-02			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			D1 DOD			
				Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation			Static Excitation			
6	Design Energy (Annual)	Mus	0.42	0.42	0.42		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070	1.2070	1.2070		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)						
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	nance expenses		
		Lakh	-		•		
	Receivable for WC	R. Lakh		to two months o			
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	%		14.75%			
10.1	07.11.2013		1				
	Type Installed Consoity (Do of Units y						
10.2	Installed Capacity (Bo of Units x	KW	50	50	50		
10.2	MW) Peaking capacity during lean						
10.3			Non-peaking				
10.4	period (MW) Type of Turbine						
	Rated Head (M)						
_	Rated Discharge (Cumes)						
10.0	Nated Discharge (Culles)						

Name of the Hydro Generating Station : Tato State/ Distt. Arunachal Pradesh/ West Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
			eters considered		(1 (1 11 1 11)			
S1.			2013-14					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
$\overline{}$	Installed Capacity	KW	50	50	50			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2004-05				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) & period			N.A.				
5	Type of excitation							
	a) Rotating exciters on generator		Static Excitation					
	b) Static excitation							
6	Design Energy (Annual)	Mus	0.42	0.42	0.42			
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%			
8	Normative Plant Availability Factor (NAPAF)	%		50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%					
10.1	Туре							
	Installed Capacity (Bo of Units x MW)	KW	50	50	50			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							
	U \ /	1						

Name of the Hydro Generating Station : Beye State/ Distt. Arunachal Pradesh/ West Siang District

	etails of Cod, Type of Hydro Station			Availability Fac	ctor (NAPAF)	
	**		eters considered		ctor (tvAr Ar)	
S1.	& other normal	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	30	30	30	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	TVIL	TUL	TVIL	
	Unit – 1			2004-05		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			D 1 DOD		
	, ,			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation	1	
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	nance expenses	
		Lakh	-		-	
	Receivable for WC	R. Lakh	•	to two months o		
	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on	%		14.75%		
10.1	07.11.2013		11.7570			
	Type					
10.2	Installed Capacity (Bo of Units x	KW	30	30	30	
10.2	MW)					
10.3	Peaking capacity during lean		Non-peaking			
10.4	period (MW)					
	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Kambang State/ Distt. Arunachal Pradesh/ West Siang District

	State/ Distr. Arunachal Pradesh/ West Stang District Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
De	7.1				ctor (NAPAF)		
G1	& otner normal	ive param	eters considered		2015 16		
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	-	77337	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	6000	6000	6000		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation			2000.00			
	Unit – 1			2008-09			
	Unit – 2			2008-09			
	Unit – 3			2008-09			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			G E			
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	49.93	49.93	49.93		
	Auxiliary Consumption including	%					
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		500/			
	Factor (NAPAF)			50%			
9.1	Maintenance Spares for WC	Rs.	4.504 6.0				
	•	Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on 07.11.2013	%	Not Applicable Not Applicable Not Applicable 14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x	KW					
	MW)	IX VV	6000	6000	6000		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Liromoba State/ Distt. Arunachal Pradesh/ West Siang District

De	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered f		2001 (17711711)		
S1.		Tre param	2013-14				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	2000	2000	2000		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	TUL	TVIL	TVIL		
	Unit – 1			2008-09			
	Unit – 2			2008-09			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			D1 DOD			
	, ,			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Static Excitation	1		
	b) Static excitation			Static Excitation			
6	Design Energy (Annual)	Mus	16.64	16.64	16.64		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070	1.2070	1.2070		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ntion and mainten	ance expenses		
		Lakh	15% of Operation and maintenance expenses				
$\overline{}$			Equivalent to two months of fixed costs				
	Receivable for WC	R. Lakh					
9.3	Base Rate of return on equity	%	14	14	14		
9.3 9.4	Base Rate of return on equity Tax Rate		14		14		
9.3 9.4 9.5	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on	% %	14	14	14		
9.3 9.4 9.5	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013	%	14	14 Not Applicable	14		
9.3 9.4 9.5	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type	% %	14	14 Not Applicable	14		
9.3 9.4 9.5	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x	% %	14	14 Not Applicable	14		
9.3 9.4 9.5 10.1 10.2	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW)	% % %	14 Not Applicable	14 Not Applicable 14.75%	14 Not Applicable		
9.3 9.4 9.5 10.1 10.2	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean	% % %	14 Not Applicable	14 Not Applicable 14.75% 2000	14 Not Applicable		
9.3 9.4 9.5 10.1 10.2	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% % %	14 Not Applicable	14 Not Applicable 14.75%	14 Not Applicable		
9.3 9.4 9.5 10.1 10.2 10.3	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW) Type of Turbine	% % %	14 Not Applicable	14 Not Applicable 14.75% 2000	14 Not Applicable		
9.3 9.4 9.5 10.1 10.2 10.3	Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% % %	14 Not Applicable	14 Not Applicable 14.75% 2000	14 Not Applicable		

Name of the Hydro Generating Station : Yingko Sikong at Rapum State/ Distt. Arunachal Pradesh/ West Siang District

De	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)					
			eters considered			
S1.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	50	50	50	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2009-10		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.42	0.42	0.42	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	50	50	50	
	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Angu State/ Distt. Arunachal Pradesh/ West Siang District

D	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)					
			eters considered		,	
Sl.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	50	50	50	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2010-11		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.42	0.42	0.42	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	50	50	50	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					

Name of the Hydro Generating Station : Solegomang MHS State/ Distr. Arunachal Pradesh/ West Siang District

St. Description Unit 2013-14 2014-15 2015-16	De	etails of Cod, Type of Hydro Statio				ctor (NAPAF)		
No. Description Unit (Actual) (Estimated) (Projected)		& other norma	eters considered	for Tariff				
No. (Actual) (Estimated) (Projected)	Sl.	Description	T T:4	2013-14	2013-14 2014-15 2015-16			
2 Free Power to home state 3 MIL NIL NIL NIL NIL 3 Date of commercial operation Unit - 1 2011-12 4 Type of Station a Surface Underground Surface b) Purely ROR/ Pondage/ Storage Purely ROR c) Peaking/ non-peaking Non-Peaking N.A. e) Overload capacity (MW) & N.A. 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.42 0.42 0.42 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh Sabase Rate of return on equity Motor Plant Availability Sabase Rate of return on equity Motor Plant Rate Motor Prime lending Rate of SBI as on 0.7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine NIL NIL NIL NIL NIL NIL NIL NIL SOLD SIL SOLD SUBJECT SOLD SUBJECT	No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
Date of commercial operation	1	Installed Capacity	KW	50	50	50		
Unit – 1 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 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus C) Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC Rs. Lakh P.3 Base Rate of return on equity Rore Not Applicable Not	2	Free Power to home state	%	NIL	NIL	NIL		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC P.3 Base Rate of return on equity P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 Possible of Turbine Wonner of Static Excitation Static Excitation N.A. Static Excitation Static Excitation D.42 D.42 D.42 D.42 D.42 D.42 D.42 D.42	3	Date of commercial operation						
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 14 14 14 14 14 14 14 14 14		Unit – 1			2011-12			
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R . Lakh P.2 Receivable for WC R . Lakh P.3 Base Rate of return on equity Prime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine Purely ROR Non-Peaking Non-Peaking Non-Peaking N.A. N.A. Plack No.A. N.A. N.A. N.A. N.A. 1.200 No.A. N.A. 1.200 No.A. N.A. No.A. 1.200 No.A. N.A. No.A. 1.200	4	Type of Station						
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine Non-peaking Nna. Non-peaking Nna. Non-peaking Nna. Non-peaking Nna. Non-peaking Nna. Non-peaking Nna. Nna		a) Surface/ underground			Surface			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine N.A. N. N		b) Purely ROR/ Pondage/ Storage			Purely ROR			
e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.42 0.42 0.42 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine N.A. No. N.A. No. N.A. No. N.A. No. N.A. No. No. No. Static Excitation Static		c) Peaking/ non-peaking			Non-Peaking			
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.42 0.42 0.42 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 9 Mot Applicable Not Applicable		d) No of hours of peaking			N.A.			
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 0.42 0.42 0.42 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine Static Excitation 1.20% 1.20					N.A.			
b) Static excitation 6 Design Energy (Annual) Mus 0.42 0.42 0.42 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity Rate Not Applicable	5	Type of excitation						
b) Static excitation 6 Design Energy (Annual) Mus 0.42 0.42 0.42 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity Rate Not Applicable		a) Rotating exciters on generator			Ctatia E-aitatian			
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Appl					Static Excitation	1		
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 11.20% 11.20% 1.20% 11.	6	Design Energy (Annual)	Mus	0.42	0.42	0.42		
8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh Solve Tax Rate 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 8 Normative Plant Availability 9 50 Rs. Lakh Equivalent to two months of fixed costs 14 14 14 14 15 Not Applicable Not Ap	7	, ,	%	1.20%	1.20%	1.20%		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh Factor (NAPAF) 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses			0/					
Lakh Equivalent to two months of fixed costs	8	_	%		50%			
9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 % 14.75% 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) KW 50 50 50 10.3 Peaking capacity during lean period (MW) Non-peaking Non-peaking 10.4 Type of Turbine Non-peaking	9.1	Maintenance Spares for WC		15% of Opera	ation and mainter	nance expenses		
9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 % 14.75% 14.75% 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) KW 50 50 50 50 10.3 Peaking capacity during lean period (MW) Non-peaking Non-peaking 10.4 Type of Turbine	0.2	D : 11 C WG		T 1 1		- C C' 1 .		
9.4 Tax Rate				•				
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine						- :		
07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine			%	Not Applicable	Not Applicable	Not Applicable		
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) KW 50 50 10.3 Peaking capacity during lean period (MW) Non-peaking 10.4 Type of Turbine	9.5		%		14.75%			
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine KW 50 50 50 Non-peaking	10.1							
10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine Non-peaking		Installed Capacity (Bo of Units x	KW	50	50	50		
10.4 Type of Turbine	10.3	Peaking capacity during lean			Non-peaking			
	10.4							
10.5 Kated Head (M)		Rated Head (M)						
10.6 Rated Discharge (Cumes)	10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Borung MHS State/ Distt. Arunachal Pradesh/ West Siang District

Do	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)					
			eters considered			
Sl.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	50	50	50	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2011-12		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.42	0.42	0.42	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	50	50	50	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					

Name of the Hydro Generating Station : Sirikorang MHS State/ Distt. Arunachal Pradesh/ West Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)					
	**		eters considered		(= 1.2 = 2 = 2)	
S1.		are param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	500	500	500	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation			- ,		
	Unit – 1			2013-14		
	Unit – 2			2013-14		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
	period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation			Static Excitation		
6	Design Energy (Annual)	Mus	4.16	4.16	4.16	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)					
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs	
	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
10.2	Installed Capacity (Bo of Units x	KW	500	500	500	
10.3	MW) Peaking capacity during lean		Non-peaking			
	period (MW)					
10.4	period (MW) Type of Turbine					
	-					

Name of the Hydro Generating Station : Yingkiong Ph-I State/ Distt. Arunachal Pradesh/ Upper Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		tor (IVALAL)		
C1	& other normal	ive param	1		2015 16		
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	In stall of Composite	ZW	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	150	150	150		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation			1000.01			
	Unit – 1			1980-81			
	Unit – 2			1980-81			
	Unit – 3			1980-81			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking	_		Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Curi E ini			
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	1.25	1.25	1.25		
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		500/			
	Factor (NAPAF)			50%			
9.1	Maintenance Spares for WC	Rs.	150/ 60				
	•	Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x	*****	1.70	150	150		
	MW)	KW	150	150	150		
10.3	Peaking capacity during lean			NI			
	period (MW)			Non-peaking			
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
	<i>U</i> ()		1				

Name of the Hydro Generating Station : Sikut/ Tuting State/ Distt. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAF)
			eters considered		200 (14711711)
Sl.	& other normal	irve param	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	100	100	100
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation	70	TVIE	TUL	TVIL
	Unit – 1			1984-85	
	Unit – 2			1984-85	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			NT A	
	period		N.A.		
5	Type of excitation				
	a) Rotating exciters on generator			Ctatia Empitation	
	b) Static excitation			Static Excitation	1
6	Design Energy (Annual)	Mus	0.83	0.83	0.83
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%	
10.1	Type				
	Installed Capacity (Bo of Units x MW)	KW	100	100	100
10.3	Peaking capacity during lean period (MW)		Non-peaking		
10.4	Type of Turbine				_
	Rated Head (M)				
	Rated Discharge (Cumes)				

Name of the Hydro Generating Station : Yingkiong Ph-II State/ Distt. Arunachal Pradesh/ Upper Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
S1.	& other normal	irve parairi	2013-14 2014-15 2015-16					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
-	Installed Capacity	KW	200	200	200			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation	70	TVIL	TUL	THE			
	Unit – 1			1992-93				
-	Unit – 2			1992-93				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage							
	en e			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			3.7. A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	1.66	1.66	1.66			
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/			
	Transformation losses		1.20%	1.20%	1.20%			
8	Normative Plant Availability	%		500/				
	Factor (NAPAF)			50%				
9.1	Maintenance Spares for WC	Rs.	150/ of Onom	ation and maintan	on as avmanas			
	_	Lakh	15% of Opera	ation and mainter	iance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs			
	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on	0/-		14.75%				
	07.11.2013	%		14./370				
10.1	Type							
10.2	Installed Capacity (Bo of Units x	KW	200	200	200			
	MW)	IV VV	200	200	200			
10.3	Peaking capacity during lean			Non-peaking				
	period (MW)			14011-peaking				
	Type of Turbine	-						
10.5	Rated Head (M)							
	Rated Discharge (Cumes)							

Name of the Hydro Generating Station : Selli at Geku State/ Distt. Arunachal Pradesh/ Upper Siang District

$\mathbf{L} = \mathbf{D} \epsilon$	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
S1.		Tre param	2013-14 2014-15 2015-16					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	500	500	500			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation	70	THE	TUL	TUL			
	Unit – 1			1994-95				
	Unit – 2			1994-95				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			D 1 DOD				
	, ,			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.	_			
	e) Overload capacity (MW) &			N.A.				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator		Static Excitation					
	b) Static excitation			Static Excitation	I			
6	Design Energy (Annual)	Mus	4.16	4.16	4.16			
U		11145			7.10			
7	Auxiliary Consumption including	%						
			1.20%	1.20%	1.20%			
7	Auxiliary Consumption including Transformation losses Normative Plant Availability			1.20%				
8	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF)	%						
8	Auxiliary Consumption including Transformation losses Normative Plant Availability	% % Rs.	1.20%	1.20%	1.20%			
7 8 9.1	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC	% % Rs. Lakh	1.20% 15% of Opera	1.20% 50% ation and mainter	1.20%			
7 8 9.1 9.2	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC	% Rs. Lakh R. Lakh	1.20% 15% of Opera Equivalent	1.20% 50% ation and maintent to two months of	1.20% nance expenses f fixed costs			
7 8 9.1 9.2 9.3	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity	% Rs. Lakh R. Lakh %	1.20% 15% of Opera Equivalent 14	1.20% 50% ation and mainter to two months of 14	1.20% nance expenses f fixed costs 14			
7 8 9.1 9.2 9.3 9.4	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate	% Rs. Lakh R. Lakh	1.20% 15% of Opera Equivalent 14	1.20% 50% ation and mainter to two months o	1.20% nance expenses f fixed costs 14			
9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14	1.20% 50% ation and mainter to two months of 14	1.20% nance expenses f fixed costs 14			
9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013	% Rs. Lakh R. Lakh %	1.20% 15% of Opera Equivalent 14	1.20% 50% ation and mainter to two months of 14 Not Applicable	1.20% nance expenses f fixed costs 14			
7 8 9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14	1.20% 50% ation and mainter to two months of 14 Not Applicable	1.20% nance expenses f fixed costs 14			
7 8 9.1 9.2 9.3 9.4 9.5	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14 Not Applicable	1.20% 50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable			
9.1 9.2 9.3 9.4 9.5 10.1	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW)	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14	1.20% 50% ation and mainter to two months of 14 Not Applicable	1.20% nance expenses f fixed costs 14			
9.1 9.2 9.3 9.4 9.5 10.1	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14 Not Applicable	1.20% 50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable			
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14 Not Applicable	1.20% 50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable			
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW) Type of Turbine	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14 Not Applicable	1.20% 50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable			
9.1 9.2 9.3 9.4 9.5 10.1 10.2 10.3	Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	1.20% 15% of Opera Equivalent 14 Not Applicable	1.20% 50% ation and mainter to two months of 14 Not Applicable 14.75%	1.20% nance expenses f fixed costs 14 Not Applicable			

Name of the Hydro Generating Station : Sirnyuk State/ Distr. Arunachal Pradesh/ Upper Siang District

D_{ϵ}	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
S1.		Tre param	2013-14 2014-15 2015-16					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	2000	2000	2000			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation	70	TUL	TVIL	TVIL			
	Unit – 1			1996-97				
	Unit – 2			1996-97				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			D1 DOD				
	, ,			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			N.A.				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator			Static Excitation	1			
	b) Static excitation							
6	Design Energy (Annual)	Mus	16.64	16.64	16.64			
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%			
	Transformation losses		1.2070	1.2070	1.2070			
8	Normative Plant Availability	%		50%				
	Factor (NAPAF)			2070				
9.1			15% of Operation and maintenance expenses					
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ntion and mainten	ance expenses			
	-	Lakh	•		•			
9.2	Receivable for WC	Lakh R. Lakh	Equivalent	to two months of	f fixed costs			
9.2 9.3	Receivable for WC Base Rate of return on equity	Lakh R. Lakh %	Equivalent	to two months of	f fixed costs 14			
9.2 9.3 9.4	Receivable for WC Base Rate of return on equity Tax Rate	Lakh R. Lakh	Equivalent	to two months of	f fixed costs 14			
9.2 9.3 9.4 9.5	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on	Lakh R. Lakh %	Equivalent	to two months of	f fixed costs 14			
9.2 9.3 9.4 9.5	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013	Lakh R. Lakh %	Equivalent	to two months of 14 Not Applicable	f fixed costs 14			
9.2 9.3 9.4 9.5	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type	Lakh R. Lakh %	Equivalent	to two months of 14 Not Applicable	f fixed costs 14			
9.2 9.3 9.4 9.5	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x	Lakh R. Lakh %	Equivalent	to two months of 14 Not Applicable	f fixed costs 14			
9.2 9.3 9.4 9.5 10.1 10.2	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW)	Lakh R. Lakh % % %	Equivalent 14 Not Applicable	to two months of 14 Not Applicable 14.75%	f fixed costs 14 Not Applicable			
9.2 9.3 9.4 9.5 10.1	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean	Lakh R. Lakh % % %	Equivalent 14 Not Applicable	to two months of 14 Not Applicable 14.75% 2000	f fixed costs 14 Not Applicable			
9.2 9.3 9.4 9.5 10.1 10.2	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	Lakh R. Lakh % % %	Equivalent 14 Not Applicable	to two months of 14 Not Applicable 14.75%	f fixed costs 14 Not Applicable			
9.2 9.3 9.4 9.5 10.1 10.2	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW) Type of Turbine	Lakh R. Lakh % % %	Equivalent 14 Not Applicable	to two months of 14 Not Applicable 14.75% 2000	f fixed costs 14 Not Applicable			
9.2 9.3 9.4 9.5 10.1 10.2 10.3	Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	Lakh R. Lakh % % %	Equivalent 14 Not Applicable	to two months of 14 Not Applicable 14.75% 2000	f fixed costs 14 Not Applicable			

Name of the Hydro Generating Station : Kopu at Tuting State/ Distt. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.	Description	Unit	2013-14	2014-15	2015-16	
No.	-		(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	300	300	300	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2004-05		
	Unit – 2			2007-08		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &					
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			G: :: E :: ::		
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	2.50	2.50	2.50	
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			30%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Туре					
	Installed Capacity (Bo of Units x			25-	25-	
	MW)	KW	300	300	300	
10.3	Peaking capacity during lean			XY 1.		
	period (MW)			Non-peaking		
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					
10.0	rated Discharge (Cumes)		<u>l</u>			

Name of the Hydro Generating Station : Silingri State/ Distt. Arunachal Pradesh/ Upper Siang District

	Distt. Arunachal Pradesh/ Upper Services of Cod. Type of Hydro Station			Availability Fac	ctor (NAPAF)			
	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff							
S1.		irve parain	2013-14	2014-15	2015-16			
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	50	50	50			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2008-09				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Dunaler DOD				
				Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			N.A.				
	period			IV.A.				
5	Type of excitation							
	a) Rotating exciters on generator		Static Excitation					
	b) Static excitation			Static Excitation				
6	Design Energy (Annual)	Mus	0.42	0.42	0.42			
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%			
	Transformation losses		1.2070	1.2070	1.2070			
8	Normative Plant Availability	%		50%				
	Factor (NAPAF)	_						
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	nance expenses			
	D i II 6 WG	Lakh	-		•			
	Receivable for WC	R. Lakh		to two months o				
	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on	%		14.75%				
10.1	07.11.2013							
	Type Installed Capacity (Bo of Units x							
10.2	MW)	KW	50	50	50			
10.3	Peaking capacity during lean							
10.3	period (MW)			Non-peaking				
10.4	Type of Turbine							
	Rated Head (M)							
_	Rated Discharge (Cumes)							
10.0	Rated Discharge (Culles)							

Name of the Hydro Generating Station : Singa State/ Distt. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			Avoilability Fo	eter (NADAE)
	**		eters considered		CIOI (NAFAI)
S1.	& other norma	iive paraiii	2013-14	2014-15	2015-16
No.	Description	Unit			
	In stalled Canasita	ZW	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	30	30	30
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation			2000 00	
	Unit – 1			2008-09	
4	Type of Station			G 6	
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) & period			N.A.	
5	Type of excitation				
	a) Rotating exciters on generator				
	b) Static excitation		1	Static Excitation	1
6	Design Energy (Annual)	Mus	0.25	0.25	0.25
7	Auxiliary Consumption including	%			
'	Transformation losses	, 0	1.20%	1.20%	1.20%
8	Normative Plant Availability	%			
	Factor (NAPAF)	, 0		50%	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5		%	11	14.75%	11
10.1	Type				
	Installed Capacity (Bo of Units x				
	MW)	KW	30	30	30
10.3	Peaking capacity during lean period (MW)			Non-peaking	
10.4	Type of Turbine				
	Rated Head (M)				
	Rated Discharge (Cumes)				
10.0	ge (cumes)		<u> </u>		

Name of the Hydro Generating Station : Ngaming State/ Distt. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			Availability Fac	ctor (NAPAF)			
	& other normative parameters considered for Tariff							
S1.			2013-14 2014-15 2015-16					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
$\overline{}$	Installed Capacity	KW	50	50	50			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2008-09				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) & period			N.A.				
5	Type of excitation							
	a) Rotating exciters on generator		Statia Evaluation					
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	0.42	0.42	0.42			
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%			
8	Normative Plant Availability Factor (NAPAF)	%		50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%				
10.1	Туре							
	Installed Capacity (Bo of Units x MW)	KW	50	50	50			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							

Name of the Hydro Generating Station : Sika

State/ Distt. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			. Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	15	15	15	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2008-09		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		Statia Empitatian			
	b) Static excitation			Static Excitation	ı	
6	Design Energy (Annual)	Mus	0.12	0.12	0.12	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Type					
10.2	Installed Capacity (Bo of Units x MW)	KW	15	15	15	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Mayung State/ Distr. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.		-	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	5	5	5	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2009-10		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.	_	
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		God E. Stati			
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	0.04	0.04	0.04	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	5	5	5	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Gosang State/ Distt. Arunachal Pradesh/ Upper Siang District

	etails of Cod. Type of Hydro Station			Δvailability Fac	etor (NAPAF)			
	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff							
S1.	& other normal	ive param	2013-14	2014-15	2015-16			
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	500	500	500			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation	70	INIL	NIL	NIL			
	Unit – 1			2011-12				
	Unit – 2			2011-12				
4	Type of Station			2011-12				
-	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Surrace				
	b) Fullely KOK/ Folidage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			NT A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator		Stat's Englanding					
	b) Static excitation		1	Static Excitation	1			
6	Design Energy (Annual)	Mus	4.16	4.16	4.16			
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%			
	Transformation losses		1.20%	1.20%	1.20%			
8	Normative Plant Availability	%		50%				
	Factor (NAPAF)			3070				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on	0/		14.75%				
	07.11.2013	%		14./3%				
	Type							
10.2	Installed Capacity (Bo of Units x	KW	500	500	500			
	MW)	ΚW	300	500	500			
10.3	Peaking capacity during lean			Non-peaking				
	period (MW)			Tron-peaking				
	Type of Turbine							
	Rated Head (M)							
10.6	Rated Discharge (Cumes)							
					-			

Name of the Hydro Generating Station : Kote MHS State/ Distr. Arunachal Pradesh/ Upper Siang District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.			2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	50	50	50	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2011-12		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) & period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator		Statia Empitation			
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.42	0.42	0.42	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Type					
	Installed Capacity (Bo of Units x MW)	KW	50	50	50	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Sijen MHS at Adi pasi State/ Distt. Arunachal Pradesh/ Upper Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		,		
Sl.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	50	50	50		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2011-12			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Evolution				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.42	0.42	0.42		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	50	50	50		
	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Pyabung MHS State/ Distr. Arunachal Pradesh/ Upper Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		,		
Sl.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	25	25	25		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2011-12			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.21	0.21	0.21		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
10.2	Installed Capacity (Bo of Units x MW)	KW	25	25	25		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Pasighat State/ Distt. Arunachal Pradesh/ East Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
CI	& other normal	ive param	2013-14	2014-15	2015 16			
Sl.	Description	Unit			2015-16			
No.	In the Head Comments	IZXV	(Actual)	(Estimated)	(Projected)			
1	Installed Capacity	KW	200	200	200			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation			1074.75				
	Unit – 1			1974-75				
	Unit – 2			1974-75				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			NT A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	1.66	1.66	1.66			
7	Auxiliary Consumption including	%	4.00	4.00	4.00			
	Transformation losses		1.20%	1.20%	1.20%			
8	Normative Plant Availability	%		7 00/				
	Factor (NAPAF)			50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	ance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%		Not Applicable				
	Prime lending Rate of SBI as on		1.ot rippiicuoie		тостърнешне			
	07.11.2013	%		14.75%				
10.1	Type							
	Installed Capacity (Bo of Units x	12337	200	200	200			
	MW)	KW	200	200	200			
10.3	Peaking capacity during lean			Non modein =				
	period (MW)			Non-peaking				
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							
	6 (/							

Name of the Hydro Generating Station : Yembung State/ Distt. Arunachal Pradesh/ East Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	V		eters considered		ctor (tvr ii r ii)		
S1.	& other normal	irve parain	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	2000	2000	2000		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	,,,	1,12	1,122	1,122		
	Unit – 1			1994-95			
	Unit – 2			1994-95			
	Unit – 3			1994-95			
	Unit – 4			1994-95			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation			Static Excitation	I		
6	Design Energy (Annual)	Mus	16.64	16.64	16.64		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070	1.2070	1.2070		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			2070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	%		14.75%			
	07.11.2013	70		14.7370			
	Type						
10.2	Installed Capacity (Bo of Units x	KW	2000	2000	2000		
	MW)		-000	_000	2000		
10.3	Peaking capacity during lean			Non-peaking			
	period (MW)			· r · · · · · · · · · · · · · · · · · ·			
	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Silli State/ Distt. Arunachal Pradesh/ East Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		(1 (1 11 1 11)		
S1.		-	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	30	30	30		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2001-02			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation						
6	Design Energy (Annual)	Mus	0.25	0.25	0.25		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
0.1	Factor (NAPAF)	D.					
	Maintenance Spares for WC	Rs. Lakh	_	ation and mainter			
	Receivable for WC	R. Lakh		to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%			
10.1	Type						
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50	50		
10.3	Peaking capacity during lean period (MW)	_	Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Rina State/ Distt. Arunachal Pradesh/ East Siang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
CI	& other norma	ive param	2013-14	2014-15	2015-16			
Sl.	Description	Unit						
No.	In stallad Connector	ZW	(Actual)	(Estimated)	(Projected)			
1	Installed Capacity	KW	2000	2000	2000			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation			2000 00				
-	Unit – 1			2008-09 2008-09				
4	Unit – 2			2008-09				
4	Type of Station			CC.				
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			NT A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator		G. C. F. C. C.					
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	16.64	16.64	16.64			
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/			
	Transformation losses		1.20%	1.20%	1.20%			
8	Normative Plant Availability	%		50 0/				
	Factor (NAPAF)			50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs			
	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
	Prime lending Rate of SBI as on 07.11.2013	%	14	14.75%	11			
10.1	Type							
	Installed Capacity (Bo of Units x							
	MW)	KW	2000	2000	2000			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
10.6	Rated Discharge (Cumes)							
•——			-					

Name of the Hydro Generating Station : Deopani Ph-I State/ Distt. Arunachal Pradesh/ Lower Dibang Valley District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
De	& other normative parameters considered for Tariff						
C1	& otner normal	ive param			2017.16		
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	•	*****	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	750	750	750		
	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			1986-87			
	Unit – 2			1986-87			
	Unit – 3			1986-87			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &						
	period (WW)		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator						
	b) Static excitation		Static Excitation 6.24 6.24 6.24				
6	Design Energy (Annual)	Mus					
7	Auxiliary Consumption including	%	0.24	0.24	0.24		
,	Transformation losses	70	1.20%	1.20%	1.20%		
8	Normative Plant Availability	%					
0	Factor (NAPAF)	%0		50%			
0.1		Rs.					
9.1	Maintenance Spares for WC		15% of Opera	ation and mainter	nance expenses		
0.2	Descionable for WC	Lakh	Equivol4	to two months	f fixed easts		
	Receivable for WC	R. Lakh		to two months o			
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on	%		14.75%			
	07.11.2013	-					
	Туре						
	Installed Capacity (Bo of Units x MW)	KW	750	750	750		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
10.0	rated Discharge (Culles)]				

Name of the Hydro Generating Station : Abhapani State/ Distt. Arunachal Pradesh/ Lower Dibang Valley District

	State/ Distr. Arunachal Pradesh/ Lower Dibang Valley District Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
D	& other normative parameters considered for Tariff						
C1	& other normal	ive param			2015 16		
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	-	77337	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	450	450	450		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation			1004.07			
	Unit – 1			1994-95			
	Unit – 2			1994-95			
	Unit – 3			1994-95			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		G. 1. 7. 1. 1.				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	3.74	3.74	3.74		
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		5 00/			
	Factor (NAPAF)			50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on						
	07.11.2013	%		14.75%			
10.1	Туре						
	Installed Capacity (Bo of Units x		4.50	450	450		
	MW)	KW	450	450	450		
10.3	Peaking capacity during lean			NT 1.			
	period (MW)			Non-peaking			
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
	U \ /						

Name of the Hydro Generating Station : Deopani Ph-II State/ Distr. Arunachal Pradesh/ Lower Dibang Valley District

Static S		Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
Si. No. Description						otor (IVIIIII)		
No. Description Unit (Actual) (Estimated) (Projected)	S 1	ee other normal	irve parain			2015-16		
Installed Capacity		Description	Unit					
2 Free Power to home state % NIL NIL NIL NIL 3 Date of commercial operation Unit - 1 2004-05 4 Unit - 2 2004-05 5 Unit - 3 2004-05 4 Type of Station Surface Purely ROR Pomble Power Purely ROR 6 C) Peaking / non-peaking Non-Peaking N.A. 9 Overload capacity (MW) & period Purely ROR 5 Type of excitation a) Rotating exciters on generator Static excitation 6 Design Energy (Annual) Mus 6.24 6.24 6.24 7 Auxiliary Consumption including Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh Equivalent to two months of fixed costs 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking 10.4 Type of Turbine 10.5 Rated Head (M) Non-peaking 10.5 Rated Head (M) Non-peaking Non-peaking 10.6 Rated Head (M) Non-peaking Non-peaking 10.7 Type of Turbine 10.5 Rated Head (M) Non-peaking 10.8 Type of Turbine 10.5 Rated Head (M) Non-peaking 10.1 Type of Turbine 10.5 Rated Head (M) Non-peaking 10.2 Installed Lapacity during lean Porton Non-peaking 10.3 Porton Por		Installed Canacity	KW	` ′	` ,			
3 Date of commercial operation Unit - 1 2004-05								
Unit - 1 2004-05 Unit - 2 2004-05 Unit - 3 2004-05 4 Type of Station a) Surface/ underground Surface b) Purely ROR/ Pondage/ Storage Purely ROR c) Peaking/ non-peaking Non-Peaking d) No of hours of peaking N.A. e) Overload capacity (MW) & period N.A. 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 6.24 6.24 6.24 7 Auxiliary Consumption including Transformation losses 1.20% 1.20% 1.20% 8 Normative Plant Availability % 50% Factor (NAPAF) 50% Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh Equivalent to two months of fixed costs 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on off-11.2013 14.75% 10.1 Type			70	TVIL	TVIL	TUL		
Unit - 2		-			2004-05			
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P. Receivable for WC R. Lakh P. Rate P. Receivable for WC R. Lakh P. Receivable for WC R. Lakh P. Tax Rate Pime lending Rate of SBI as on O'7.11.2013 Rotatile Capacity (Bo of Units x MW) Rotatile Capacity (Bo of Units x MW) Rotatile Capacity during lean period (MW) Rotatile Capacity (Bo of Turbine Rotating Surface Rurely ROR Rourely Rorely Rorely Rourely R								
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-Peaking								
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Non-Peaking Nnn-Peaking	4				2001.03			
b) Purely ROR/ Pondage/ Storage c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9 Tax Rate 9 Not Applicable					Surface			
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Non-peaking Nn.A. N.A. N.A. N.A. N.A. 1.20 N.A. N.A. 1.20 No. 1.20 1.								
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.		b) I diety Rote I ondage/ Storage			Purely ROR			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 9.3 Base Rate of return on equity 9 Tax Rate 9.4 Tax Rate 9 Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)		c) Peaking/ non-peaking			Non-Peaking			
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Tansformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking Period Num. A. Static Excitation 1.20%		d) No of hours of peaking			N.A.			
period		e) Overload capacity (MW) &			N A			
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 6.24 6.24 6.24 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 R. Lakh 9.3 Base Rate of return on equity 9 Tax Rate 9.4 Tax Rate 9 Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)		period		N.A.				
b) Static excitation 6 Design Energy (Annual) Mus 6.24 6.24 6.24 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 R. Lakh 9.3 Base Rate of return on equity Mot Applicable Not Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	5	Type of excitation						
b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Mus 6.24 6.		a) Rotating exciters on generator		Charle E. Martin				
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20% 1		b) Static excitation		Static Excitation				
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20% 1.	6	Design Energy (Annual)	Mus	6.24	6.24	6.24		
Some and the plant Availability Factor (NAPAF) Some and maintenance expenses	7	Auxiliary Consumption including	%	1 200%	1 2004	1 20%		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 14.75% 144 14 14 15 Not Applicable Not Applicable Not Applicable 14.75% 1750 750 Non-peaking		Transformation losses		1.2070	1.2070	1.2070		
9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 16.75% of O	8	Normative Plant Availability	%		50%			
Lakh 15% of Operation and maintenance expenses					3070			
9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.1	Maintenance Spares for WC	Rs.	15% of Oper	ation and mainter	nanca avnancac		
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			Lakh	13 % of Opera	ation and mainter	iance expenses		
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			%		<u> </u>	ž ·		
07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-peaking	9.5	=	%		14.75%			
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.1							
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		* *						
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			KW	750	750	750		
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.3	Peaking capacity during lean		Non-negline				
10.5 Rated Head (M)		period (MW)			non-peaking			
	10.4	Type of Turbine						
10.6 Rated Discharge (Cumes)	10.5	Rated Head (M)						
	10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Anini/ awapani Ph-I State/ Distr. Arunachal Pradesh/ Dibang Valley District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
De	& other normative parameters considered for Tariff							
C1	& other normal	ive param			2015 16			
Sl.	Description	Unit	2013-14	2014-15	2015-16			
No.	T 11 . 1 . C	17337	(Actual)	(Estimated)	(Projected)			
	Installed Capacity	KW	150	150	150			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation			1004.05				
	Unit – 1			1994-95				
	Unit – 2			1994-95				
	Unit – 3			1994-95				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			NT A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator							
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	1.25	1.25	1.25			
7	Auxiliary Consumption including	%	4.2004	4.2007	4.2007			
	Transformation losses		1.20%	1.20%	1.20%			
8	Normative Plant Availability	%		500/				
	Factor (NAPAF)			50%				
9.1	Maintenance Spares for WC	Rs.	150/ 60					
	•	Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on		**					
	07.11.2013	%		14.75%				
10.1	Type							
	Installed Capacity (Bo of Units x	*****	1.50	1.50	150			
	MW)	KW	150	150	150			
	Peaking capacity during lean			NT 1.				
	period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							
- 5.5			1					

Name of the Hydro Generating Station : Tah Ahfra Ph-I & Ph-II State/ Distr. Arunachal Pradesh/ Dibang Valley District

	etails of Cod, Type of Hydro Station			,	, , ,		
<u> </u>	& other normative parameters considered for Tariff						
S1.		are param	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	100	100	100		
	Free Power to home state	%	NIL	NIL	NIL		
	Date of commercial operation	, 0	1,122	1,122	1,122		
	Unit – 1			2001-02			
	Unit – 2			2009-10			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
				•			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period		IV.A.				
-	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation			Static Excitation			
	Design Energy (Annual)	Mus	0.83	0.83	0.83		
	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070	1.2070	1.2070		
	Normative Plant Availability	%		50%			
	Factor (NAPAF)						
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1							
	Installed Capacity (Bo of Units x	1/33/	100	100	100		
	MW)	KW	100	100	100		
10.3	Peaking capacity during lean		Non-marking				
	period (MW)		Non-peaking				
10.4	Type of Turbine	·					
10.4							
	Rated Head (M)						

Name of the Hydro Generating Station : Chini Afra State/ Distr. Arunachal Pradesh/ Dibang Valley District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		,		
Sl.			2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	250	250	250		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2001-02			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Gusto E. Juston				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	2.08	2.08	2.08		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070				
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)						
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%			
10.1	Туре						
	Installed Capacity (Bo of Units x	KW	250	250	250		
	MW)	12.11	250	250	230		
10.3	Peaking capacity during lean		Non-peaking				
10.1	period (MW)		1				
	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Echi Ahfra State/ Distr. Arunachal Pradesh/ Dibang Valley District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl. No.	Description	Unit	2013-14 (Actual)	2014-15 (Estimated)	2015-16 (Projected)	
1	Installed Capacity	KW	400	400	400	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	,,,	1,12	1,122	1,122	
	Unit – 1			2005-06		
	Unit – 2			2005-06		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N.A.		
5	period					
	Type of excitation					
	a) Rotating exciters on generatorb) Static excitation		-	Static Excitation	1	
6	Design Energy (Annual)	Mus	3.33	3.33	3.33	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability Factor (NAPAF)	%		50%		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Туре					
	Installed Capacity (Bo of Units x MW)	KW	400	400	400	
10.3	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
10.5	Rated Head (M)					

Name of the Hydro Generating Station : Awapani Ph-II State/ Distr. Arunachal Pradesh/ Dibang Valley District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAF)		
			eters considered f		2001 (17711711)		
S1.		irve parain	2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
_	Installed Capacity	KW	500	500	500		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	,,,	1,122	1 (122	1,122		
	Unit – 1			2005-06			
	Unit – 2			2005-06			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NY A			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Cod's Endeding				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	4.16	4.16	4.16		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	500	500	500		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
			i e				
10.4	Type of Turbine						

Name of the Hydro Generating Station : Echito Nallah State/ Distr. Arunachal Pradesh/ Dibang Valley District

	etails of Cod, Type of Hydro Station			, Availability Fac	ctor (NAPAF)			
	& other normative parameters considered for Tariff							
Sl.		2013-14 2014-15 2015-						
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
1	Installed Capacity	KW	40	40	40			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2010-11				
	Unit – 2			2010-11				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			NT A				
	period		N.A.					
5	Type of excitation							
	a) Rotating exciters on generator		Charle E. Marie					
	b) Static excitation			Static Excitation	1			
6	Design Energy (Annual)	Mus	0.33	0.33	0.33			
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%			
	Transformation losses		1.2070	1.2070	1.2070			
8	Normative Plant Availability	%		50%				
	Factor (NAPAF)			3070				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%					
10.1	Туре							
10.2	Installed Capacity (Bo of Units x MW)	KW	40	40	40			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							

Name of the Hydro Generating Station : Rupapani State/ Distr. Arunachal Pradesh/ Dibang Valley District

	etails of Cod, Type of Hydro Station			Availability Fac	etor (NAPAE)				
					loi (NAFAI)				
CI	& other normative parameters considered for Tariff Sl. 2013-14 2014-15 2015-16								
Sl.	Description	Unit							
No.	In stallad Compaite	ZW	(Actual)	(Estimated)	(Projected)				
1	Installed Capacity	KW	40	40 NH	40 NH				
2	Free Power to home state	%	NIL	NIL	NIL				
3	Date of commercial operation			2010-11					
	Unit – 1			2010-11					
4	Unit – 2			2010-11					
4	Type of Station			Cumfo oo					
	a) Surface/ underground			Surface					
	b) Purely ROR/ Pondage/ Storage			Purely ROR					
	c) Peaking/ non-peaking			Non-Peaking					
	d) No of hours of peaking			N.A.					
	e) Overload capacity (MW) &			NI A					
	period		N.A.						
5	Type of excitation								
	a) Rotating exciters on generator			Statia Evaitation					
	b) Static excitation		1	Static Excitation	1				
6	Design Energy (Annual)	Mus	0.33	0.33	0.33				
7	Auxiliary Consumption including	%	1.200/	1.200/	1 200/				
	Transformation losses		1.20%	1.20%	1.20%				
8	Normative Plant Availability	%		50%					
	Factor (NAPAF)			30%					
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses				
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs				
_	Base Rate of return on equity	%	14	14	14				
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable				
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%						
10.1	Type								
	Installed Capacity (Bo of Units x								
	MW)	KW	40	40	40				
10.3	Peaking capacity during lean period (MW)		Non-peaking						
10.4	Type of Turbine								
	Rated Head (M)								
10.6	Rated Discharge (Cumes)								

Name of the Hydro Generating Station : Chu Nallah State/ Distr. Arunachal Pradesh/ Dibang Valley District

	etails of Cod, Type of Hydro Station			Availability Fac	ctor (NAPAF)	
			eters considered		ctor (IVALAL)	
S1.	& other normal	iive paraiii	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
	Installed Capacity	KW	30	30	30	
2	Free Power to home state	%	NIL	NIL	NIL	
	Date of commercial operation	70	IVIL	TVIL	TVIL	
	Unit – 1			2011-12		
	Unit – 2			2011-12		
4	Type of Station			2011 12		
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage					
	o) I arely Itola I olidage, Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NI A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator		Quit Entre			
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
7	Auxiliary Consumption including	%	1.200/	1.20%	1.200/	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	nance expenses	
		Lakh			_	
	Receivable for WC	R. Lakh	_	to two months o		
	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
	Prime lending Rate of SBI as on	%		14.75%		
	07.11.2013	-				
	Type					
10.2	Installed Capacity (Bo of Units x	KW	30	30	30	
10.0	MW)					
	Peaking capacity during lean			Non-peaking		
	period (MW)					
	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Dura Nallah State/ Distr. Arunachal Pradesh/ Lohit District

	etails of Cod, Type of Hydro Station		tive Annual Plant	, Availability Fac	ctor (NAPAF)			
			eters considered					
Sl.			2013-14	2014-15	2015-16			
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
1	Installed Capacity	KW	500	500	500			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			1976-77				
	Unit – 2			1976-77				
	Unit – 3			1976-77				
	Unit – 4			1976-77				
	Unit – 5			1976-77				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage		Purely ROR					
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking		N.A.					
	e) Overload capacity (MW) &							
	period			N.A.				
5	Type of excitation							
	a) Rotating exciters on generator			Static Excitation	1			
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	4.16	4.16	4.16			
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%			
8	Normative Plant Availability Factor (NAPAF)	%		50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
_	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
	Prime lending Rate of SBI as on	%	110011pp11011010	14.75%	TVOCTIPPHOUGH			
10.1	07.11.2013							
_	Type							
	Installed Capacity (Bo of Units x MW)	KW	400	400	400			
10.3	Peaking capacity during lean period (MW)			Non-peaking				
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							

Name of the Hydro Generating Station : Tafragram State/ Distt. Arunachal Pradesh/ Lohit District

	etails of Cod, Type of Hydro Station		tive Annual Plant	. Availability Fac	ctor (NAPAF)		
	**		eters considered		,		
S1.			2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	250	250	250		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			1984-85			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) & period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Statis Environ				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	2.08	2.08	2.08		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability Factor (NAPAF)	%		50%			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	250	250	250		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Kaho State/ Distt. Arunachal Pradesh/ Anjaw District

	etails of Cod, Type of Hydro Station		tive Annual Plant	. Availability Fac	ctor (NAPAF)		
			eters considered		(1 (1 11 11)		
S1.		-	2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	10	10	10		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			2004-05			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period		N.A.				
5	Type of excitation						
	a) Rotating exciters on generator		Static Excitation				
	b) Static excitation			Static Excitation	1		
6	Design Energy (Annual)	Mus	0.08	0.08	0.08		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
9.1	Factor (NAPAF) Maintenance Spares for WC	Rs.	1.504 6.0				
	-	Lakh	_	ation and mainter	_		
	Receivable for WC	R. Lakh		to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
10.2	Installed Capacity (Bo of Units x	KW	10	10	10		
	MW)			10	10		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Kebitho State/ Distt. Arunachal Pradesh/ Anjaw District

	etails of Cod, Type of Hydro Station		tive Annual Plant	Availability Fac	etor (NAPAF)	
	**		eters considered		tor (IVAFAI*)	
S1.	& other normal	ive param	2013-14	2014-15	2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	30	30	30	
2	Free Power to home state	%	NIL	NIL	NIL	
3		%0	NIL	NIL	NIL	
	Date of commercial operation			2004-05		
4	Unit – 1			2004-03		
4	Type of Station a) Surface/ underground			Surface		
				Surrace		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			N A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator		Static Excitation			
	b) Static excitation			Static Excitation	I	
6	Design Energy (Annual)	Mus	0.25	0.25	0.25	
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%	
8	Normative Plant Availability	%				
0	Factor (NAPAF)	70		50%		
9.1	Maintenance Spares for WC	Rs.				
9.1	Mannenance Spares for WC	Ks. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Type					
	Installed Capacity (Bo of Units x					
10.2	MW)	KW	30	30	30	
10.3	Peaking capacity during lean			Non-peaking		
10.1	period (MW)					
	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Mati Nallah State/ Distt. Arunachal Pradesh/ Anjaw District

	etails of Cod, Type of Hydro Station		tive Annual Plant	, Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.		Unit	2013-14	2014-15	2015-16	
No.	Description	Omt	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	500	500	500	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2004-05		
	Unit – 2			2004-05		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NI A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation		
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	4.16	4.16	4.16	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x	KW	500	500	500	
10.5	MW)					
10.3	Peaking capacity during lean period (MW)		Non-peaking			
	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Yapak Nallah State/ Distt. Arunachal Pradesh/ Anjaw District

	etails of Cod, Type of Hydro Station		tive Annual Plant	, Availability Fac	ctor (NAPAF)	
			eters considered		, ,	
Sl.	Description	Unit	2013-14	2014-15	2015-16	
No.	In stalled Consider	ZW	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	200 NIL	200 NIL	200 NIL	
3	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation			2005-06		
	Unit – 1 Unit – 2			2005-06		
4	Type of Station			2003-00		
4	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Surface		
	b) Purely ROR/ Polidage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NT A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation	,	
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	1.66	1.66	1.66	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	6 s	%	14.75%			
10.1	07.11.2013					
	Type Installed Capacity (Bo of Units x					
10.2	MW)	KW	200	200	200	
10.3	Peaking capacity during lean			Non-peaking		
	period (MW)			Tion peaking		
	Type of Turbine					
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Teepani State/ Distt. Arunachal Pradesh/ Anjaw District

	etails of Cod, Type of Hydro Station		tive Annual Plant	Availability Fac	etor (NAPAF)	
-					2001 (17117117)	
& other normative parameters considered for Tariff Sl. Description Lipit 2013-14 2014-15 2015-1					2015-16	
No.	Description	Unit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	500	500	500	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation	70	THE	TUL	TVIL	
	Unit – 1			2009-10		
	Unit – 2			2009-10		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NT A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Static Excitation	`	
	b) Static excitation		1	Static Excitation	1	
6	Design Energy (Annual)	Mus	4.16	4.16	4.16	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.2070	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500	500	
	Peaking capacity during lean period (MW)		Non-peaking			
10.4	Type of Turbine					
10.5	Rated Head (M)					
	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Krawti Nallah State/ Distt. Arunachal Pradesh/ Anjaw District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
			eters considered		2001 (1711 711)		
Sl.		irve parain	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	100	100	100		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	,,,	NIL NIL NIL				
	Unit – 1			2009-10			
	Unit – 2			2009-10			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Codia E dicata			
	b) Static excitation			Static Excitation	1		
6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses				
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
	Installed Capacity (Bo of Units x MW)	KW	100	100	100		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Hathipani State/ Distt. Arunachal Pradesh/ Anjaw District

1 1)6	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	& other normative parameters considered for Tariff						
S1.		Tre param	2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	100	100	100		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	NIL NIL NIL				
	Unit – 1			2009-10			
	Unit – 2			2009-10			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			D 1 DOD			
	, ;			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Statio Evoltation				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
7	Auxiliary Consumption including	%	1 20%	1 20%	1 20%		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
	Transformation losses Normative Plant Availability	%	1.20%		1.20%		
8	Transformation losses Normative Plant Availability Factor (NAPAF)		1.20%	1.20%	1.20%		
8	Transformation losses Normative Plant Availability	% Rs.		50%			
8 9.1	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC	% Rs. Lakh	15% of Opera	50% ation and mainter	nance expenses		
9.1	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC	% Rs. Lakh R. Lakh	15% of Opera	50%	nance expenses		
9.1 9.2 9.3	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate	% Rs. Lakh R. Lakh	15% of Opera Equivalent 14	50% ation and mainter to two months of	nance expenses		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2 10.3	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW) Type of Turbine	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2 10.3	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		

Name of the Hydro Generating Station : Tah Nallah State/ Distt. Arunachal Pradesh/ Anjaw District

1 1)6	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	& other normative parameters considered for Tariff						
S1.		Tre param	2013-14 2014-15 2015-16				
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
	Installed Capacity	KW	100	100	100		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	NIL NIL NIL				
	Unit – 1			2009-10			
	Unit – 2			2009-10			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			D 1 DOD			
	, ;			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator		Statio Evoltation				
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.83	0.83	0.83		
7	Auxiliary Consumption including	%	1 20%	1 20%	1 20%		
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%		
	Transformation losses Normative Plant Availability	%	1.20%		1.20%		
8	Transformation losses Normative Plant Availability Factor (NAPAF)		1.20%	1.20%	1.20%		
8	Transformation losses Normative Plant Availability	% Rs.		50%			
8 9.1	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC	% Rs. Lakh	15% of Opera	50% ation and mainter	nance expenses		
9.1	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC	% Rs. Lakh R. Lakh	15% of Opera	50%	nance expenses		
9.1 9.2 9.3	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate	% Rs. Lakh R. Lakh	15% of Opera Equivalent 14	50% ation and mainter to two months of	nance expenses		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013	% Rs. Lakh R. Lakh %	15% of Opera Equivalent 14	50% ation and mainter to two months of	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14	50% ation and mainter to two months of 14 Not Applicable	nance expenses f fixed costs 14		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2 10.3	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW) Type of Turbine	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		
9.1 9.2 9.3 9.4 9.5 10.1 10.2 10.3	Transformation losses Normative Plant Availability Factor (NAPAF) Maintenance Spares for WC Receivable for WC Base Rate of return on equity Tax Rate Prime lending Rate of SBI as on 07.11.2013 Type Installed Capacity (Bo of Units x MW) Peaking capacity during lean period (MW)	% Rs. Lakh R. Lakh % %	15% of Opera Equivalent 14 Not Applicable	50% ation and mainter to two months of 14 Not Applicable 14.75%	nance expenses f fixed costs 14 Not Applicable		

Name of the Hydro Generating Station : Maipani State/ Distt. Arunachal Pradesh/ Anjaw District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
CI	& other normal	ive param			2015 16			
Sl.	Description	Unit	2013-14 2014-15 2015-16 (A)					
No.	In stallad Compaite	ZW	(Actual)	(Estimated)	(Projected)			
1	Installed Capacity	KW	60	60	60 NH			
2	Free Power to home state	%	NIL	NIL NIL NIL				
3	Date of commercial operation			2010-11				
	Unit – 1			2010-11				
4	Unit – 2			2010-11				
4	Type of Station			Surface				
	a) Surface/ underground			Surrace				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) &			N.A.				
	period			IV.A.				
5	Type of excitation							
	a) Rotating exciters on generator			Static Excitation				
	b) Static excitation		Static Excitation					
6	Design Energy (Annual)	Mus	0.50	0.50	0.50			
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%			
	Transformation losses		1.20%	1.2070	1.2070			
8	Normative Plant Availability	%		50%				
	Factor (NAPAF)			3070				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses					
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%					
10.1	Туре							
	Installed Capacity (Bo of Units x MW)	KW	60	60	60			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
10.6	Rated Discharge (Cumes)							
	·		•					

Name of the Hydro Generating Station : Ashapani State/ Distt. Arunachal Pradesh/ Anjaw District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
-	& other normative parameters considered for Tariff						
Sl.		irve param	2013-14	2014-15	2015-16		
No.	Description	Unit	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	60	60	60		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation	70	NIL NIL NIL				
	Unit – 1			2011-12			
	Unit – 2			2011-12			
4	Type of Station			2011 12			
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			NT A			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Static Excitation	`		
	b) Static excitation		1	Static Excitation	1		
6	Design Energy (Annual)	Mus	0.50	0.50	0.50		
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%		
	Transformation losses		1.2070	1.2070	1.2070		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses				
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.3	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%				
10.1	Type						
10.2	Installed Capacity (Bo of Units x MW)	KW	60	60	60		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
10.5	Rated Head (M)						
	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Langpani State/ Distt. Arunachal Pradesh/ Anjaw District

	etails of Cod, Type of Hydro Station		tive Annual Plant	Availability Fac	ctor (NAPAF)
			eters considered		201 (14/11/11)
Sl.	& other normal	uve param	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	400	400	400
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation	70	TVIL	TVIL	
	Unit – 1			2011-12	
	Unit – 2			2011-12	
4	Type of Station			2011 12	
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage				
	, ,			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			N.A.	
	period			IV.A.	
5	Type of excitation				
	a) Rotating exciters on generator			Static Excitation	1
	b) Static excitation			Static Excitation	1
6	Design Energy (Annual)	Mus	3.33	3.33	3.33
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.2070	1.2070	1.2070
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses		
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%		
10.1	Type				
	Installed Capacity (Bo of Units x MW)	KW	400	400	400
10.3	Peaking capacity during lean period (MW)		Non-peaking		
10.4	Type of Turbine				
10.5	Rated Head (M)				
10.6	Rated Discharge (Cumes)				
			•		

Name of the Hydro Generating Station : Tissue State/ Distt. Arunachal Pradesh/ Changlang District

Sil. Description Unit 2013-14 2014-15 2015-16 No. Description Unit 2013-14 2014-15 2015-16 (Actual) (Estimated) (Projected) I Installed Capacity KW 400 400 400 2 Free Power to home state % NIL NIL NIL 3 Date of commercial operation Unit - 1 1986-87		Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)					
SI. Description						(1 (1 11 1 11)	
No. Description Unit (Actual) (Estimated) (Projected)	S1.					2015-16	
Installed Capacity		Description	Unit				
2 Free Power to home state % NIL NIL NIL NIL 3 Date of commercial operation		Installed Capacity	KW	` ′	` '		
Unit - 1		·	%	NIL	NIL	NIL	
Unit - 2	3	Date of commercial operation					
Unit - 3		Unit – 1			1986-87		
Unit - 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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh P. Lakh P. Receivable for WC P. R. Lakh P. Receivable for WC P. R. Lakh P. Receivable for WC P. R. Lakh P. Sprime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking Non-peaking Purely ROR Non-Peaking		Unit – 2			1986-87		
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate P.5 Prime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Pon-peaking Purely ROR Surface Purely ROR Surface Purely ROR Surface Purely ROR Surface Purely ROR Purely Purely Purely Ror Purely Purely Purely Ror Purely R		Unit – 3			1986-87		
a) Surface/ underground b) Purely ROR/ Pondage/ Storage c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) &		Unit – 4			1986-87		
b) Purely ROR/ Pondage/ Storage c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & N.A. 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh P. Lakh P. Equivalent to two months of fixed costs P. Prime lending Rate of SBI as on O7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Pover Installed Capacity (Bo of Units x MW) Pover Installed Capacity during lean Non-peaking Purely ROR Non-Peaking Non-Peaking N.A. Non-Peaking N.A. Static Excitation Static Excitation Static Excitation N.A. 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20% 1.20%	4	Type of Station					
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking Non-peaking Non-peaking Non-peaking Non-peaking Non-peaking		a) Surface/ underground			Surface		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 15% of Operation and maintenance expenses 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking		b) Purely ROR/ Pondage/ Storage			Purely ROR		
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 15% of Operation and maintenance expenses 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking		c) Peaking/ non-peaking			Non-Peaking		
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 3.33 3.33 3.33 3.33 3.33 3.33 3.33 3.							
Static Excitation Static Excitation		e) Overload capacity (MW) &			NI A		
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Mus 3.33 3.33 3.33 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 R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Non-peaking Non-peaking		period			N.A.		
b) Static excitation 6 Design Energy (Annual) Mus 3.33 3.33 3.33 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh Equivalent to two months of fixed costs 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	5	Type of excitation					
b) Static excitation document		a) Rotating exciters on generator		Static Evojtation			
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 15% of Operation and maintenance expenses 9.2 Receivable for WC R. Lakh Equivalent to two months of fixed costs 9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking		b) Static excitation			Static Excitation	1	
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 11.20% 11.20% 12.0% 1.2	6		Mus	3.33	3.33	3.33	
Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh Sequivalent to two months of fixed costs 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	7		%	1.20%	1 20%	1 20%	
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh Figure 15% of Operation and maintenance expenses P.2 Receivable for WC R. Lakh Figure 14 Rota				1.2070	1.2070	1.2070	
9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation and maintenance expenses 15% of Operation and maintenance expenses 14.75% of Operation a	8	-	%		50%		
Lakh 13% of Operation and maintenance expenses							
9.3 Base Rate of return on equity % 14 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 % 14.75% 14.75% 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) KW 400 400 400 400 10.3 Peaking capacity during lean	9.1	Maintenance Spares for WC		15% of Opera	ation and mainter	nance expenses	
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking			%		<u> </u>	<u> </u>	
07.11.2013 % 14.75% 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean Non-peaking	9.5	Prime lending Rate of SBI as on	0/2				
10.2 Installed Capacity (Bo of Units x KW 400 400 400 10.3 Peaking capacity during lean Non-peaking			/0	14./5%			
MW) 10.3 Peaking capacity during lean Non-peaking							
MW) 10.3 Peaking capacity during lean Non-peaking		÷ •	ĸw	400	400	400	
I I Non-peaking		,	IX VV	400	400	400	
period (MW)	10.3				Non-neaking		
		period (MW)			Tion peaking		
10.4 Type of Turbine							
10.5 Rated Head (M)							
10.6 Rated Discharge (Cumes)	10.6	Rated Discharge (Cumes)					

Name of the Hydro Generating Station : Jongkey Nallah State/ Distr. Arunachal Pradesh/ Changlang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)							
	& other normative parameters considered for Tariff							
Sl.			2013-14 2014-15 2015-16					
No.	Description	Unit	(Actual)	(Estimated)	(Projected)			
1	Installed Capacity	KW	25	25	25			
2	Free Power to home state	%	NIL	NIL	NIL			
3	Date of commercial operation							
	Unit – 1			2011-12				
4	Type of Station							
	a) Surface/ underground			Surface				
	b) Purely ROR/ Pondage/ Storage			Purely ROR				
	c) Peaking/ non-peaking			Non-Peaking				
	d) No of hours of peaking			N.A.				
	e) Overload capacity (MW) & period			N.A.				
5	Type of excitation							
	a) Rotating exciters on generator		Static Excitation					
	b) Static excitation			Static Excitation	1			
6	Design Energy (Annual)	Mus	0.21	0.21	0.21			
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%			
8	Normative Plant Availability Factor (NAPAF)	%		50%				
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses			
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs			
9.3	Base Rate of return on equity	%	14	14	14			
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable			
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%					
10.1	Type							
	Installed Capacity (Bo of Units x MW)	KW	25	25	25			
10.3	Peaking capacity during lean period (MW)		Non-peaking					
10.4	Type of Turbine							
	Rated Head (M)							
	Rated Discharge (Cumes)							

Name of the Hydro Generating Station : Ngonalo at Vijaynagar State/ Distt. Arunachal Pradesh/ Changlang District

	state/ Distt. Arunachal Pradesh/ Changlang District					
De	etails of Cod, Type of Hydro Station				ctor (NAPAF)	
	& other normat	tive param	eters considered t			
Sl.	Description	Unit	2013-14	2014-15	2015-16	
No.	Description	Oiiit	(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2010-11		
	Unit – 2			2010-11		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NY A		
	period			N.A.		
5	Type of excitation					
	a) Rotating exciters on generator			Ctatia E-raitatian		
	b) Static excitation			Static Excitation	1	
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/	
	Transformation losses		1.20%	1.20%	1.20%	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs.	15% of Opera	ation and mainter	ance expenses	
		Lakh	15% of Operation and maintenance expenses			
	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%	14.75%			
10.1	Type					
	Installed Capacity (Bo of Units x	WW	100	100	100	
	MW)	KW	100	100	100	
10.3	Peaking capacity during lean		Non a salain s			
	period (MW)			Non-peaking		
10.4	Type of Turbine				_	
	Rated Head (M)					
10.6	Rated Discharge (Cumes)					
•——	. , ,					

Name of the Hydro Generating Station : Tinning State/ Distt. Arunachal Pradesh/ Changlang District

	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
	& other normative parameters considered for Tariff						
CI	& other normal	ive param			2015 16		
Sl.	Description	Unit	2013-14 2014-15 2015-16 (Prince 1)				
No.	In stallad Compaite	ZW	(Actual)	(Estimated)	(Projected)		
1	Installed Capacity	KW	60	60 NH	60 NH		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation			2010 11			
	Unit – 1			2010-11 2010-11			
4	Unit – 2			2010-11			
4	Type of Station			Surface			
	a) Surface/ underground			Surrace			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			N.A.			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator			Statia Evaitation			
	b) Static excitation		Static Excitation				
6	Design Energy (Annual)	Mus	0.50	0.50	0.50		
7	Auxiliary Consumption including	%	1.200/	1.200/	1 200/		
	Transformation losses		1.20%	1.20%	1.20%		
8	Normative Plant Availability	%		50%			
	Factor (NAPAF)			3070			
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Operation and maintenance expenses				
9.2	Receivable for WC	R. Lakh	Equivalent	to two months of	f fixed costs		
_	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
	Prime lending Rate of SBI as on	%	Not Applicable Not Applicable Not Applicable 14.75%				
10.1	07.11.2013		1575				
	Type						
10.2	Installed Capacity (Bo of Units x MW)	KW	60	60	60		
10.3	Peaking capacity during lean period (MW)		Non-peaking				
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
	0 (

Name of the Hydro Generating Station : Chicklong State/ Distt. Arunachal Pradesh/ Changlang District

Static Excitation		State/ Distr. Arunachal Pradesh/ Changlang District Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)						
Si. No. Description Unit 2013-14 (Actual) (Estimated) (Projected)	De							
No. Description Unit (Actual) (Estimated) (Projected)	G1	& otner normal	ive param			2015 16		
Installed Capacity		Description	Unit					
2 Free Power to home state % NIL NIL NIL		•	77337	, ,	,	· · ·		
3 Date of commercial operation								
Unit - 1	$\overline{}$		%	NIL	NIL	NIL		
Unit - 2	3	•			2011 12			
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P. R. Lakh P. Prime lending Rate of SBI as on O'7.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-peaking Purely ROR Non-Peaking								
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) Non-Peaking								
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) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Non-Peaking Nnn-Peaking					2011-12			
b) Purely ROR/ Pondage/ Storage c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC R. Lakh 9.2 Receivable for WC R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Purely ROR Non-Peaking	4							
c) Peaking/ non-peaking d) No of hours of peaking e) Overload capacity (MW) & period a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) Non-peaking Nn.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.A. Non-Peaking N.A. 1.20% 1.					Surface			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 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 R. Lakh 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.5 Rated Head (M) N.A. N.A. N.A. N.A. N.A. N.A. N.A. N.		b) Purely ROR/ Pondage/ Storage			Purely ROR			
d) No of hours of peaking e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M)		c) Peaking/ non-peaking			Non-Peaking			
e) Overload capacity (MW) & period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Nus 1.25 1.25 1.25 1.25 1.20 1.20% 1.20					N.A.			
period 5 Type of excitation a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC P.2 Receivable for WC R. Lakh R. Lakh P.4 Tax Rate P.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.4 Type of Turbine 10.5 Rated Head (M) Static Excitation 1.20% 1.20					NT A			
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Pactor (MW) Pactor (NAPAF) Rs. Lakh P.5 Static Excitation Nus P.2 1.25 P.1.25 P.1.25 P.1.20% P.1.2				N.A.				
a) Rotating exciters on generator b) Static excitation 6 Design Energy (Annual) 7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh P.2 Receivable for WC R. Lakh P.3 Base Rate of return on equity P.4 Tax Rate Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) Pactor (MW) Pactor (NAPAF) Rs. Lakh P.5 Static Excitation Nus P.2 1.25 P.1.25 P.1.25 P.1.20% P.1.2	5	Type of excitation						
b) Static excitation 6 Design Energy (Annual) Mus 1.25 1.25 1.25 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 R. Lakh 9.3 Base Rate of return on equity Moral Tax Rate 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		· ·						
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20% 1				Static Excitation				
7 Auxiliary Consumption including Transformation losses 8 Normative Plant Availability Factor (NAPAF) 9.1 Maintenance Spares for WC 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 1.20% 1	6	Design Energy (Annual)	Mus	1.25	1.25	1.25		
Some and the plant Availability Factor (NAPAF) Some and maintenance expenses	7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 14.75% 144 14 14 14 14 14 14 15% Not Applicable Not Applicable Not Applicable 16.5 Rated Head (M)		Transformation losses		1.20%	1.20%	1.20%		
Factor (NAPAF) 9.1 Maintenance Spares for WC Rs. Lakh 9.2 Receivable for WC 9.3 Base Rate of return on equity 9.4 Tax Rate 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M) 15% of Operation and maintenance expenses 14.75% 144 14 14 14 14 14 14 15% Not Applicable Not Applicable Not Applicable 16.5 Rated Head (M)	8	Normative Plant Availability	%		500/			
Lakh 15% of Operation and maintenance expenses		Factor (NAPAF)			30%			
Lakh 15% of Operation and maintenance expenses	9.1	Maintenance Spares for WC	Rs.	150/				
9.3 Base Rate of return on equity % 14 14 14 9.4 Tax Rate % Not Applicable Not Applicable Not Applicable 9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		_	Lakh	15% of Opera	ation and mainter	iance expenses		
9.4 Tax Rate	9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs		
9.4 Tax Rate	9.3	Base Rate of return on equity	%	14	14	14		
9.5 Prime lending Rate of SBI as on 07.11.2013 10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			%	Not Applicable	Not Applicable	Not Applicable		
10.1 Type 10.2 Installed Capacity (Bo of Units x MW) 150 150 150 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	9.5		%					
10.2 Installed Capacity (Bo of Units x MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.1							
MW) 10.3 Peaking capacity during lean period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)			*****	1.50	1.50	150		
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)		MW)	KW	150 150 150				
period (MW) 10.4 Type of Turbine 10.5 Rated Head (M)	10.3			Non posting				
10.5 Rated Head (M)		period (MW)			14011-peaking			
	10.4	Type of Turbine						
10.6 Rated Discharge (Cumes)	10.5	Rated Head (M)						
	10.6	Rated Discharge (Cumes)						

Name of the Hydro Generating Station : Thiratju State/ Distt. Arunachal Pradesh/ Tirap District

	rate/ Distr. Arunachal Pradesh/ Tirap District						
De	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF) & other normative parameters considered for Tariff						
	& other normat	ive param					
Sl.	Description	Unit	2013-14	2014-15	2015-16		
No.	_		(Actual) (Estimated) (Projected				
1	Installed Capacity	KW	1000	1000	1000		
2	Free Power to home state	%	NIL	NIL	NIL		
3	Date of commercial operation						
	Unit – 1			1978-79			
	Unit – 2			1978-79			
	Unit – 3			1978-79			
	Unit – 4			1978-79			
4	Type of Station						
	a) Surface/ underground			Surface			
	b) Purely ROR/ Pondage/ Storage			Purely ROR			
	c) Peaking/ non-peaking			Non-Peaking			
	d) No of hours of peaking			N.A.			
	e) Overload capacity (MW) &			37.4			
	period			N.A.			
5	Type of excitation						
	a) Rotating exciters on generator						
	b) Static excitation			Static Excitation	1		
6	Design Energy (Annual)	Mus	8.32	8.32	8.32		
7	Auxiliary Consumption including	%					
	Transformation losses	, -	1.20%	1.20%	1.20%		
8	Normative Plant Availability	%					
	Factor (NAPAF)	70		50%			
9.1	Maintenance Spares for WC	Rs.					
	_	Lakh	•	ation and mainter			
	Receivable for WC	R. Lakh	-	to two months o	f fixed costs		
	Base Rate of return on equity	%	14	14	14		
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable		
9.5	Prime lending Rate of SBI as on	%					
	07.11.2013	/0	14.75%				
	Type						
	Installed Capacity (Bo of Units x	VIII	1000	1000	1000		
	MW)	KW	1000	1000	1000		
10.3	Peaking capacity during lean			Non nookina			
	period (MW)			Non-peaking			
10.4	Type of Turbine						
	Rated Head (M)						
	Rated Discharge (Cumes)						
	2 (- dames)						

Name of the Hydro Generating Station : Charju State/ Distt. Arunachal Pradesh/ Tirap District

	etails of Cod, Type of Hydro Station		tiva Ammual Dlant	Avoilability Fac	otom (NIADAE)
De					ctor (NAPAF)
G1	& otner normal	ive param	eters considered		2015 16
Sl.	Description	Unit	2013-14	2014-15	2015-16
No.	•	77337	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	600	600	600
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation			1001.07	
	Unit – 1			1984-85	
	Unit – 2			1984-85	
	Unit – 3			1984-85	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking		N.A.		
	e) Overload capacity (MW) &			NT A	
	period		N.A.		
5	Type of excitation				
	a) Rotating exciters on generator			Curi E ini	
	b) Static excitation		1	Static Excitation	1
6	Design Energy (Annual)	Mus	4.99	4.99	4.99
7	Auxiliary Consumption including	%	1.200/	1.200/	1.200/
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability	%		500/	
	Factor (NAPAF)			50%	
9.1	Maintenance Spares for WC	Rs.	150/ 50	. 1	
	•	Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
	Prime lending Rate of SBI as on 07.11.2013	%		14.75%	A.
10.1	Туре				
	Installed Capacity (Bo of Units x				
	MW)	KW	600	600	600
10.3	Peaking capacity during lean period (MW)			Non-peaking	
10.4	Type of Turbine				
	Rated Head (M)				
	Rated Discharge (Cumes)				
- 5.5			1		

Name of the Hydro Generating Station : Sumhok Nallah State/ Distt. Arunachal Pradesh/ Tirap District

De	etails of Cod, Type of Hydro Station	ns, Normat	tive Annual Plant	, Availability Fac	ctor (NAPAF)
	& other normat	tive param	eters considered	for Tariff	
Sl.	Description	T.T 14	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	100	100	100
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation				
	Unit – 1			2009-10	
	Unit – 2			2009-10	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			NT A	
	period		N.A.		
5	Type of excitation				
	a) Rotating exciters on generator			Ctatia Empitation	
	b) Static excitation			Static Excitation	1
6	Design Energy (Annual)	Mus	0.83	0.83	0.83
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
	Base Rate of return on equity	%	14	14	14
9.4		%	Not Applicable	Not Applicable	Not Applicable
	Prime lending Rate of SBI as on 07.11.2013	%	11	14.75%	11
10.1	Type				
	Installed Capacity (Bo of Units x				
	MW)	KW	100	100	100
10.3	Peaking capacity during lean period (MW)			Non-peaking	
10.4	Type of Turbine				
10.5	Rated Head (M)				
10.6	Rated Discharge (Cumes)				

Name of the Hydro Generating Station : Tahin Nallah State/ Distt. Arunachal Pradesh/ Tirap District

De	etails of Cod, Type of Hydro Station	ns, Norma	tive Annual Plant	, Availability Fac	ctor (NAPAF)
	& other normat	tive param	eters considered	for Tariff	
Sl.	Description	Unit	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	100	100	100
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation				
	Unit – 1			2011-12	
	Unit – 2			2011-12	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking		N.A.		
	e) Overload capacity (MW) &			N.A.	
	period			N.A.	
5	Type of excitation				
	a) Rotating exciters on generator			Static Excitation	
	b) Static excitation		Static Excitation		
6	Design Energy (Annual)	Mus	0.83	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.20%	1.20%	1.20%
8	Normative Plant Availability Factor (NAPAF)	%		50%	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%	
10.1	Туре				
	Installed Capacity (Bo of Units x MW)	KW	100	100	100
	Peaking capacity during lean period (MW)			Non-peaking	
10.4	Type of Turbine				
10.5	Rated Head (M)				
10.6	Rated Discharge (Cumes)				

Name of the Hydro Generating Station : Mago MHS State/ Distt. Arunachal Pradesh/ West Kameng

	etails of Cod, Type of Hydro Station		tive Annual Plant	. Availability Fac	ctor (NAPAF)	
			eters considered		,	
Sl.	Description	Unit	2013-14	2014-15	2015-16	
No.	-		(Actual)	(Estimated)	(Projected)	
1	Installed Capacity	KW	100	100	100	
2	Free Power to home state	%	NIL	NIL	NIL	
3	Date of commercial operation					
	Unit – 1			2014-15		
	Unit – 2			2014-15		
4	Type of Station					
	a) Surface/ underground			Surface		
	b) Purely ROR/ Pondage/ Storage			Purely ROR		
	c) Peaking/ non-peaking			Non-Peaking		
	d) No of hours of peaking			N.A.		
	e) Overload capacity (MW) &			NI A		
	period		N.A.			
5	Type of excitation					
	a) Rotating exciters on generator			Statia Evaitation		
	b) Static excitation		1	Static Excitation		
6	Design Energy (Annual)	Mus	0.83	0.83	0.83	
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%	
	Transformation losses		1.20%	1.2070	1.2070	
8	Normative Plant Availability	%		50%		
	Factor (NAPAF)			3070		
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses	
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs	
9.3	Base Rate of return on equity	%	14	14	14	
	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable	
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%		
10.1	Туре					
	Installed Capacity (Bo of Units x		_			
	MW)	KW	100	100	100	
10.3	Peaking capacity during lean			NI 1 .		
	period (MW)			Non-peaking		
10.4	Type of Turbine					
10.5	Rated Head (M)					

Name of the Hydro Generating Station : Kachopani MHS State/ Distt. Arunachal Pradesh/ Anjaw District

De	etails of Cod, Type of Hydro Station	ns, Normat	tive Annual Plant	, Availability Fac	ctor (NAPAF)
	& other normat	tive param	eters considered	for Tariff	
Sl.	Description	T.T 14	2013-14	2014-15	2015-16
No.	Description	Unit	(Actual)	(Estimated)	(Projected)
1	Installed Capacity	KW	200	200	200
2	Free Power to home state	%	NIL	NIL	NIL
3	Date of commercial operation				
	Unit – 1			2014-15	
	Unit – 2			2014-15	
4	Type of Station				
	a) Surface/ underground			Surface	
	b) Purely ROR/ Pondage/ Storage			Purely ROR	
	c) Peaking/ non-peaking			Non-Peaking	
	d) No of hours of peaking			N.A.	
	e) Overload capacity (MW) &			NT A	
	period		N.A.		
5	Type of excitation				
	a) Rotating exciters on generator			Static Excitation	
	b) Static excitation			Static Excitation	1
6	Design Energy (Annual)	Mus	1.66	1.66	1.66
7	Auxiliary Consumption including	%	1.20%	1.20%	1.20%
	Transformation losses		1.20%	1.20%	1.20%
8	Normative Plant Availability	%		50%	
	Factor (NAPAF)			3070	
9.1	Maintenance Spares for WC	Rs. Lakh	15% of Opera	ation and mainter	nance expenses
9.2	Receivable for WC	R. Lakh	Equivalent	to two months o	f fixed costs
9.3	Base Rate of return on equity	%	14	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on 07.11.2013	%		14.75%	
10.1	Type				
	Installed Capacity (Bo of Units x MW)	KW	200	200	200
10.3	Peaking capacity during lean period (MW)			Non-peaking	
10.4	Type of Turbine				
10.5	Rated Head (M)				
10.6	Rated Discharge (Cumes)				

Name of the Hydro Generation Station: Kitpi Ph-I

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 1500

S. No.	Month	Design Energy (Mus)	KW Continuous
1	April	1.03	
2	May	1.06	
3	June	1.03	
4	July	1.06	
5	August	1.06	
6	September	1.03	
7	October	1.06	
8	November	1.03	
9	December	1.06	
10	January	1.06	
11	February	0.96	
12	March	1.06	

Name of the Hydro Generation Station: Nuranang

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

Installed Capacity: No. of Units X.KW = 6000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	4.10	
2	May	4.24	
3	June	4.10	
4	July	4.24	
5	August	4.24	
6	September	4.10	
7	October	4.24	
8	November	4.10	
9	December	4.24	
10	January	4.24	
11	February	3.83	
12	March	4.24	

Name of the Hydro Generation Station: T. Gompa

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Dudunghar

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Bramdhongchung DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

ONTHOUGS (MONUNISE)- RUN OF RIVER I IPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Shakti Nallah DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Kitpi MHS Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 3000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	2.05	
2	May	2.12	
3	June	2.05	
4	July	2.12	
5	August	2.12	
6	September	2.05	
7	October	2.12	
8	November	2.05	
9	December	2.12	
10	January	2.12	
11	February	1.92	
12	March	2.12	

Name of the Hydro Generation Station: Chellengkang Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Bongleng

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Thimbu

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE **STATIONS**

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Bramdhongchung Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Tsechu Nallah

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Rahung

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

Installed Capacity: No. of Units X.KW = 750

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.51	
2	May	0.53	
3	June	0.51	
4	July	0.53	
5	August	0.53	
6	September	0.51	
7	October	0.53	
8	November	0.51	
9	December	0.53	
10	January	0.53	
11	February	0.48	
12	March	0.53	

Name of the Hydro Generation Station: Dirang

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

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Sessa

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

Installed Capacity: No. of Units X.KW = 1500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.03	
2	May	1.06	
3	June	1.03	
4	July	1.06	
5	August	1.06	
6	September	1.03	
7	October	1.06	
8	November	1.03	
9	December	1.06	
10	January	1.06	
11	February	0.96	
12	March	1.06	

Name of the Hydro Generation Station: Rupa

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

Installed Capacity: No. of Units X.KW = 200

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.13	
12	March	0.14	

Name of the Hydro Generation Station: Dokumpani

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Domkhrong

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE **STATIONS**

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Sinchung

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Ankaling

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Khet

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Dikshi

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Khadiyabey

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE **STATIONS**

Installed Capacity: No. of Units X.KW = 200

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.14	
12	March	0.14	

Name of the Hydro Generation Station: Seppa

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

Installed Capacity: No. of Units X.KW = 300

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.21	
2	May	0.21	
3	June	0.21	
4	July	0.21	
5	August	0.21	
6	September	0.21	
7	October	0.21	
8	November	0.21	
9	December	0.21	
10	January	0.21	
11	February	0.19	
12	March	0.21	

Name of the Hydro Generation Station: Pakke Kessang

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Pacha MHS

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

Installed Capacity: No. of Units X.KW = 3000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	2.05	
2	May	2.12	
3	June	2.05	
4	July	2.12	
5	August	2.12	
6	September	2.05	
7	October	2.12	
8	November	2.05	
9	December	2.12	
10	January	2.12	
11	February	1.92	
12	March	2.12	

Name of the Hydro Generation Station: Pakoti

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Patta Nallah

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Watte Mame

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Kade Nallah

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Patte MHS at Tali DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Koye

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Chambang

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Paya MHS at Hiya DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Mai PH-I

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

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	•
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Mai PH-II

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 1000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.68	
2	May	0.71	
3	June	0.68	
4	July	0.71	
5	August	0.71	
6	September	0.68	
7	October	0.71	
8	November	0.68	
9	December	0.71	
10	January	0.71	
11	February	0.64	
12	March	0.71	

Name of the Hydro Generation Station: Tago

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

Installed Capacity: No. of Units X.KW = 4500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	3.08	
2	May	3.18	
3	June	3.08	
4	July	3.18	
5	August	3.18	
6	September	3.08	
7	October	3.18	
8	November	3.08	
9	December	3.18	
10	January	3.18	
11	February	2.87	
12	March	3.18	

Name of the Hydro Generation Station: Dulom (Daporijo)

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.27	
2	May	0.28	
3	June	0.27	
4	July	0.28	
5	August	0.28	
6	September	0.27	
7	October	0.28	
8	November	0.27	
9	December	0.28	
10	January	0.28	
11	February	0.26	
12	March	0.28	

Name of the Hydro Generation Station: Maro

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Sippi

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

Installed Capacity: No. of Units X.KW = 4000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	2.74	
2	May	2.83	
3	June	2.74	
4	July	2.83	
5	August	2.83	
6	September	2.74	
7	October	2.83	
8	November	2.74	
9	December	2.83	
10	January	2.83	•
11	February	2.55	
12	March	2.83	

Name of the Hydro Generation Station: Ayingmuri MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 250

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.17	
2	May	0.18	
3	June	0.17	
4	July	0.18	
5	August	0.18	
6	September	0.17	
7	October	0.18	
8	November	0.17	
9	December	0.18	
10	January	0.18	
11	February	0.16	
12	March	0.18	

Name of the Hydro Generation Station: Limeking MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Pinto Karo MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 25

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Sikin Koro

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 200

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.13	
12	March	0.14	

Name of the Hydro Generation Station: Sinyum Koro

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Kojin Nallah

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Pagi (Basar)

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Along

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

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.27	
2	May	0.28	
3	June	0.27	
4	July	0.28	
5	August	0.28	
6	September	0.27	
7	October	0.28	
8	November	0.27	
9	December	0.28	
10	January	0.28	
11	February	0.26	
12	March	0.28	

Name of the Hydro Generation Station: Ego-Echi (Dali)

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.27	
2	May	0.28	
3	June	0.27	
4	July	0.28	
5	August	0.28	
6	September	0.27	
7	October	0.28	
8	November	0.27	
9	December	0.28	
10	January	0.28	
11	February	0.26	
12	March	0.28	

Name of the Hydro Generation Station: Mechuka

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

Installed Capacity: No. of Units X.KW = 350

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.24	
2	May	0.25	
3	June	0.24	
4	July	0.25	
5	August	0.25	
6	September	0.24	
7	October	0.25	
8	November	0.24	
9	December	0.25	
10	January	0.25	
11	February	0.22	
12	March	0.25	

Name of the Hydro Generation Station: Yomcha

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE **STATIONS**

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Tato

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Beye

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Kambang

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

Installed Capacity: No. of Units X.KW = 6000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	4.10	
2	May	4.24	
3	June	4.10	
4	July	4.24	
5	August	4.24	
6	September	4.10	
7	October	4.24	
8	November	4.10	
9	December	4.24	
10	January	4.24	
11	February	3.83	
12	March	4.24	

Name of the Hydro Generation Station: Liromoba

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

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	•
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Yingko Sikong at Rapum DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Angu

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Solegomang MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Borung MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

OTTATIONS

STATIONS

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Sirikorang MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	_

Name of the Hydro Generation Station: Yingkiong Ph-I

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 150

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.10	
2	May	0.11	
3	June	0.10	
4	July	0.11	
5	August	0.11	
6	September	0.10	
7	October	0.11	
8	November	0.10	
9	December	0.11	
10	January	0.11	
11	February	0.10	
12	March	0.11	

Name of the Hydro Generation Station: Sikut/ Tuting

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Yingkiong Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 200

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.13	
12	March	0.14	

Name of the Hydro Generation Station: Selli at Geku

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

Installed Capacity: No. of Units X.KW = 500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	

Name of the Hydro Generation Station: Sirnyuk

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

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Kopu at Tuting DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 300

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.21	
2	May	0.21	
3	June	0.21	
4	July	0.21	
5	August	0.21	
6	September	0.21	
7	October	0.21	
8	November	0.21	
9	December	0.21	
10	January	0.21	
11	February	0.19	
12	March	0.21	

Name of the Hydro Generation Station: Silingri

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Singa

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Ngaming

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

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Sika

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

Installed Capacity: No. of Units X.KW = 15

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.01	
2	May	0.01	
3	June	0.01	
4	July	0.01	
5	August	0.01	
6	September	0.01	
7	October	0.01	
8	November	0.01	
9	December	0.01	
10	January	0.01	
11	February	0.01	
12	March	0.01	

Name of the Hydro Generation Station: Mayung

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 5

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.003	
2	May	0.004	
3	June	0.003	
4	July	0.004	
5	August	0.004	
6	September	0.003	
7	October	0.004	
8	November	0.003	
9	December	0.004	
10	January	0.004	
11	February	0.003	
12	March	0.004	

Name of the Hydro Generation Station: Gosang

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

Installed Capacity: No. of Units X.KW = 500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	

Name of the Hydro Generation Station: Kote MHS

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Sijen MHS at Adi Pasi DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 50

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.04	
3	June	0.03	
4	July	0.04	
5	August	0.04	
6	September	0.03	
7	October	0.04	
8	November	0.03	
9	December	0.04	
10	January	0.04	
11	February	0.03	
12	March	0.04	

Name of the Hydro Generation Station: Pyabung MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 25

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Pasighat

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

Installed Capacity: No. of Units X.KW = 200

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.13	
12	March	0.14	

Name of the Hydro Generation Station: Yembung

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Silli

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

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Rina

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

Installed Capacity: No. of Units X.KW = 2000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	1.37	
2	May	1.41	
3	June	1.37	
4	July	1.41	
5	August	1.41	
6	September	1.37	
7	October	1.41	
8	November	1.37	
9	December	1.41	
10	January	1.41	
11	February	1.28	
12	March	1.41	

Name of the Hydro Generation Station: Deopani Ph-I

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

Installed Capacity: No. of Units X.KW = 750

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.51	
2	May	0.53	
3	June	0.51	
4	July	0.53	
5	August	0.53	
6	September	0.51	
7	October	0.53	
8	November	0.51	
9	December	0.53	
10	January	0.53	
11	February	0.48	
12	March	0.53	

Name of the Hydro Generation Station: Abhapani

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

Installed Capacity: No. of Units X.KW = 450

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.31	
2	May	0.32	
3	June	0.31	
4	July	0.32	
5	August	0.32	
6	September	0.31	
7	October	0.32	
8	November	0.31	
9	December	0.32	
10	January	0.32	
11	February	0.29	
12	March	0.32	

Name of the Hydro Generation Station: Deopani Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 750

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.51	
2	May	0.53	
3	June	0.51	
4	July	0.53	
5	August	0.53	
6	September	0.51	
7	October	0.53	
8	November	0.51	
9	December	0.53	
10	January	0.53	
11	February	0.48	
12	March	0.53	

Name of the Hydro Generation Station: Anini/ Awapani Ph-I DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 150

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.10	
2	May	0.11	
3	June	0.10	
4	July	0.11	
5	August	0.11	
6	September	0.10	
7	October	0.11	
8	November	0.10	
9	December	0.11	
10	January	0.11	
11	February	0.10	
12	March	0.11	

Name of the Hydro Generation Station: Tah Ahfra Ph-I & Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Chini Afra

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 250

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.17	
2	May	0.18	
3	June	0.17	
4	July	0.18	
5	August	0.18	
6	September	0.17	
7	October	0.18	
8	November	0.17	
9	December	0.18	
10	January	0.18	
11	February	0.16	
12	March	0.18	

Name of the Hydro Generation Station: Echi Ahfra

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

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.27	
2	May	0.28	
3	June	0.27	
4	July	0.28	
5	August	0.28	
6	September	0.27	
7	October	0.28	
8	November	0.27	
9	December	0.28	
10	January	0.28	
11	February	0.26	
12	March	0.28	

Name of the Hydro Generation Station: Awapani Ph-II DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	_

Name of the Hydro Generation Station: Echito Nallah

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

Installed Capacity: No. of Units X.KW = 40

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.03	
3	June	0.03	
4	July	0.03	
5	August	0.03	
6	September	0.03	
7	October	0.03	
8	November	0.03	
9	December	0.03	
10	January	0.03	
11	February	0.03	
12	March	0.03	

Name of the Hydro Generation Station: Rupapani

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

Installed Capacity: No. of Units X.KW = 40

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.03	
2	May	0.03	
3	June	0.03	
4	July	0.03	
5	August	0.03	
6	September	0.03	
7	October	0.03	
8	November	0.03	
9	December	0.03	
10	January	0.03	
11	February	0.03	
12	March	0.03	

Name of the Hydro Generation Station: Chu Nallah

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Dura Nallah

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

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	

Name of the Hydro Generation Station: Tafragram

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

Installed Capacity: No. of Units X.KW = 250

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.17	
2	May	0.18	
3	June	0.17	
4	July	0.18	
5	August	0.18	
6	September	0.17	
7	October	0.18	
8	November	0.17	
9	December	0.18	
10	January	0.18	
11	February	0.16	
12	March	0.18	

Name of the Hydro Generation Station: Kaho

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

Installed Capacity: No. of Units X.KW = 10

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.01	
2	May	0.01	
3	June	0.01	
4	July	0.01	
5	August	0.01	
6	September	0.01	
7	October	0.01	
8	November	0.01	
9	December	0.01	
10	January	0.01	
11	February	0.01	
12	March	0.01	

Name of the Hydro Generation Station: Kebitho

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 30

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Mati Nallah

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

Installed Capacity: No. of Units X.KW = 500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	

Name of the Hydro Generation Station: Yapak Nallah

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 200

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.13	
12	March	0.14	

Name of the Hydro Generation Station: Teepani

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

Installed Capacity: No. of Units X.KW = 500

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.34	
2	May	0.35	
3	June	0.34	
4	July	0.35	
5	August	0.35	
6	September	0.34	
7	October	0.35	
8	November	0.34	
9	December	0.35	
10	January	0.35	
11	February	0.32	
12	March	0.35	

Name of the Hydro Generation Station: Krawti Nallah DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Hathipani

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Tah Nallah

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Maipani

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

Installed Capacity: No. of Units X.KW = 60

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.04	
2	May	0.04	
3	June	0.04	
4	July	0.04	
5	August	0.04	
6	September	0.04	
7	October	0.04	
8	November	0.04	
9	December	0.04	
10	January	0.04	
11	February	0.04	
12	March	0.04	

Name of the Hydro Generation Station: Ashapani

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

Installed Capacity: No. of Units X.KW = 60

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.04	
2	May	0.04	
3	June	0.04	
4	July	0.04	
5	August	0.04	
6	September	0.04	
7	October	0.04	
8	November	0.04	
9	December	0.04	
10	January	0.04	
11	February	0.04	
12	March	0.04	

Name of the Hydro Generation Station: Langpani

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

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.27	
2	May	0.28	
3	June	0.27	
4	July	0.28	
5	August	0.28	
6	September	0.27	
7	October	0.28	
8	November	0.27	
9	December	0.28	
10	January	0.28	
11	February	0.26	
12	March	0.28	

Name of the Hydro Generation Station: Tissue

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

Installed Capacity: No. of Units X.KW = 400

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.27	
2	May	0.28	
3	June	0.27	
4	July	0.28	
5	August	0.28	
6	September	0.27	
7	October	0.28	
8	November	0.27	
9	December	0.28	
10	January	0.28	
11	February	0.26	
12	March	0.28	

Name of the Hydro Generation Station: Jongkey Nallah DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 25

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.02	
2	May	0.02	
3	June	0.02	
4	July	0.02	
5	August	0.02	
6	September	0.02	
7	October	0.02	
8	November	0.02	
9	December	0.02	
10	January	0.02	
11	February	0.02	
12	March	0.02	

Name of the Hydro Generation Station: Ngonalo at Vijaynagar DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Tinning

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

Installed Capacity: No. of Units X.KW = 60

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.04	
2	May	0.04	
3	June	0.04	
4	July	0.04	
5	August	0.04	
6	September	0.04	
7	October	0.04	
8	November	0.04	
9	December	0.04	
10	January	0.04	
11	February	0.04	
12	March	0.04	

Name of the Hydro Generation Station: Chicklong

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 150

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.10	
2	May	0.11	
3	June	0.10	
4	July	0.11	
5	August	0.11	
6	September	0.10	
7	October	0.11	
8	November	0.10	
9	December	0.11	
10	January	0.11	
11	February	0.10	
12	March	0.11	

Name of the Hydro Generation Station: Thiratju

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

Installed Capacity: No. of Units X.KW = 1000

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.68	
2	May	0.71	
3	June	0.68	
4	July	0.71	
5	August	0.71	
6	September	0.68	
7	October	0.71	
8	November	0.68	
9	December	0.71	
10	January	0.71	
11	February	0.64	
12	March	0.71	

Name of the Hydro Generation Station: Charju

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

Installed Capacity: No. of Units X.KW = 600

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.41	
2	May	0.42	
3	June	0.41	
4	July	0.42	
5	August	0.42	
6	September	0.41	
7	October	0.42	
8	November	0.41	
9	December	0.42	
10	January	0.42	
11	February	0.38	
12	March	0.42	

Name of the Hydro Generation Station: Sumhok Nallah DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Tahin Nallah

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

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Mago MHS

DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE

STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.07	
2	May	0.07	
3	June	0.07	
4	July	0.07	
5	August	0.07	
6	September	0.07	
7	October	0.07	
8	November	0.07	
9	December	0.07	
10	January	0.07	
11	February	0.06	
12	March	0.07	

Name of the Hydro Generation Station: Kachopani MHS DESIGN ENERGY AND MW CONTINUOUS (monthwise)- RUN OF RIVER TYPE STATIONS

Installed Capacity: No. of Units X.KW = 100

S. No.	Month	Design Energy (Mus)	MW Continuous
1	April	0.14	
2	May	0.14	
3	June	0.14	
4	July	0.14	
5	August	0.14	
6	September	0.14	
7	October	0.14	
8	November	0.14	
9	December	0.14	
10	January	0.14	
11	February	0.13	
12	March	0.14	