



**Department of Hydro Power Development
Government of Arunachal Pradesh**



APPLICATION

FOR

ANNUAL REVENUE REQUIREMENT (ARR)

&

TARIFF PETITION FOR

FY 2024-25

PART – A

Submitted by:
Department of Hydro Power Development-2024

GENERAL HEADINGS OF PROCEEDINGS

**BEFORE THE ARUNACHAL PRADESH STATE ELECTRICITY REGULATORY
COMMISSION (APSERC), ITANAGAR**

Filing No.....

Case No.....

IN THE MATTER OF:

APPLICATION FOR APPROVAL OF ANNUAL REVENUE REQUIREMENT AND TARIFF PETITION OF HYDRO ELECTRIC STATIONS, DEPARTMENT OF HYDRO POWER DEVELOPMENT, ARUNACHAL PRADESH FOR THE FINANCIAL YEAR 2024-25 IN ACCORDANCE WITH THE APSERC (TERMS AND CONDITIONS FOR DETERMINATION OF RENEWABLE ENERGY TARIFF) REGULATIONS, 2024

AND

IN THE MATTER OF:

DEPARTMENT OF HYDRO POWER DEVELOPMENT, ARUNACHAL PRADESH (HEREINAFTER REFERRED TO AS DHPD), JAL VIDYUT BHAWAN, ITANAGAR (NEAR INDIRA GANDHI PARK, ARUNACHAL PRADESH).

..... PETITIONER

Details of enclosures:

- a) Proposal for Aggregate Revenue Requirement ("ARR") for the Financial Year 2024-25 for Determination of Tariff.
- b) Annexures-
- c) Petition Fee – Rs.5,00,000/- (Rupees Five Lacs only), vide DD No. _____ dated _____

**Department of Hydro Power Development,
Govt. of Arunachal Pradesh.**

Petitioner

Place: Itanagar

Dated: _____, 2024

I, _____ Advocate, Itanagar, do hereby declare that the person making this affidavit is known to me through the perusal of records and I am satisfied that he is the same person alleging to be deponent himself.

Advocate

Solemnly affirmed before me on this day of March, 2024 at a.m./p.m. by the deponent who has been identified by the aforesaid Advocate. I have satisfied myself by examining the deponent that he understood the contents of the affidavit which has been read over and explained to him. He has also been explained about section 193 of Indian Penal Code that whoever intentionally gives false evidence in any of the proceedings of the Commission or fabricates evidence for purpose of being used in any of the proceedings shall be liable for punishment as per law.

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LIST OF ABBREVIATIONS

Abbreviation	Description
A&G	Administration & General
ACT	Electricity Act, 2003
APSERC	Arunachal Pradesh State Electricity Regulatory Commission
ARR	Aggregate Revenue Requirement
APTEL	Appellate Tribunal For Electricity
CEA	Central Electricity Authority
CERC	Central Electricity Regulatory Commission
CGS	Central Generating Stations
CPSU	Central Power Sector Undertakings
Cr./Crs	Crore/Crores
D/E	Debt Equity
DHPD	Deptt. of Hydro Power Development
DOP, AP	Department of power, Govt. of Arunachal Pradesh
FY	Financial year
GFA	Gross Fixed Assets
kV	Kilovolt
kVA	Kilo Volt Amps
kwh	Kilo Watt Hour
MU	Million Units
MVA	Million Volt Amps
MW	Mega Watt
O&M	Operation & Maintenance
ROE	Return on Equity
RoR	Rate of Return
Rs.	Rupees
SS	Sub Station
SBI	State Bank of India

Abbreviation	Description
SBI-PLR	State Bank of India- Prime Lending Rate (Short Term)
SBI-MCLR	State Bank of India- Marginal Cost Lending Rate
SERC	State Electricity Regulatory Commission
R&M	Repairs and Maintenance
YoY	Year on Year



1. BACKGROUND

In order to oversee, co-ordinate and monitor the development of hydro power in the State of Arunachal Pradesh, the State Govt. created a separate department namely “Department of Hydro Power Development” on 12/11/2003. It is a full-fledged department headed by a Chief Engineer. The Department is entrusted with the development of micro / mini / small hydro project, improvement of existing hydro projects including renovation & modernization works, operation and maintenance of existing hydel stations, survey & investigation of new potential sites, and construction of residential and non-residential building for the Department. The Department is foremost concentrating on the urgent need of bridging the existing demand supply gap in order to make the State self-reliant, so far as power needs of the State are concerned and to help achieve the target of all villages electrification and all household electrification.

The Department at present has to its credit 84.15 MW installed capacity. Department is operating micro/mini/small Hydro Power Stations. Department is also under taking construction of various Hydel Stations in various districts of the State which are under different stages of development. Completion of these on-going schemes shall lead to a further capacity addition. In addition to above, Department is also carrying out Survey & Investigation of new schemes with the aim of identifying more potential sites for tapping the estimated 2000 MW small hydro power potential in the State developing hydro power.

The Department has a dedicated work force of 3198 Nos. staff comprising of experienced engineers, technical staff and other supporting staff. The Department of Hydro Power Development has also been assigned the very important responsibility of acting as nodal agency for coordinating and overseeing the allotment and development of Mega Hydro Electric Projects in the State by IPPs as State’s Mega & Small Hydro Power Policy. Department is looking forward to transforming the long-awaited dream of the people of the State into reality that Arunachal Pradesh shall be the “FUTURE POWER HOUSE OF THE COUNTRY”.

INSTALLED CAPACITY

a) Hydro Electric Power Stations

- b) The Department has a total installed capacity of 62.79 MW of corresponding 116 power stations that were commissioned before the year 2017. Details of the installed capacity of those corresponding hydroelectric power stations of DHPD for the year 2023-24 are given here under:



**Petition for Approval of Annual Revenue Requirement
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1. Details of 116 Hydro Electric Power Stations (commissioned before the year 2017)

SL. No.	Name of the Stations	Units	Installed Capacity	Firm Capacity	Year of Commissioning
Western Zone (WZ)			(KW)	(KW)	
Tawang District					
1	Challengkang Ph-I	1 x 30	30	30	2004-05
2	Challengkang Ph-II	1 x 30	30	30	2008-09
3	Shakti Nallah	2 x 50	100	50	2008-09
4	Thimbu	2 x 50	100	100	2009-10
5	Khet	2 x 50	100	100	2009-10
6	Tsechu Nallah	2 x 50	100	100	2010-11
7	Mago MHS	2 x 50	100	100	2014-15
8	Nuranang	3 x 2000	6000	6000	1996 - 97
9	Kitpi Ph-I	3 x 500	1500	1500	1977 - 78
10	Kitpi MHS Ph-II	2 x 1500	3000	3000	2008-09
11	T. Gompa	1 x 50	50	50	2001-02
12	Bongleng	2 x 50	100	100	2009-10
13	Bramdhongchung Ph-I	2 x 50	100	100	2008-09
14	Bramdhongchung Ph-II	2 x 50	100	100	2010-11
West Kameng District					
15	Rahung	3 x 250	750	500	1972 - 73
16	Dirang	4 x 500	2000	1500	1977 - 78
17	Saktangrong MHS	3 x 100	300	300	2011-12
18	Zhongdongrong	2 x 500	1000	1000	2016-17
19	Sessa	3 x 500	1500	1500	1992 - 93
20	Rupa	2 x 100	200	100	1997 - 98
21	Dokumpani	1 x 30	30	30	2000-01
22	Domkhong	2 x 500	1000	1000	2008-09/ 2019-20
23	Sinchung	1 x 30	30	30	2008-09
24	Ankaling	1 x 30	30	30	2009-10
25	Dikshi	2 x 30	60	60	2010-11/ 2019-20
26	Khadiyabey	2 x 100	200	200	2011-12
27	Jigaon	2 x 50	100	100	2016-17
East Kameng District					
28	Seppa	3 x 100	300	200	1980 - 81



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SL. No.	Name of the Stations	Units	Installed Capacity	Firm Capacity	Year of Commissioning
29	Pakke Kessang	1 x 30	30	30	2001-02
30	Pacha MHS	2 x 1500	3000	3000	2008-09
31	Pakoti	2 x 50	100	100	2010-11
32	Patta Nallah	2 x 50	100	100	2010-11
33	Watte Mame	1 x 50	50	50	2010-11
34	Kade Nallah	1 x 50	50	50	2010-11
Kurung Kumey District					
35	Koye	1 x 50	50	50	2009-10
36	Paya MHS at Hiya	2 x 50	100	100	2011-12
37	Patte MHS at Tali	1 x 30	30	30	2004-05
38	Chambang	1 x 30	30	30	2009-10
Lower Subansiri District					
39	Mai Ph-I	4 x 500	2000	1500	1977-78
40	Mai Ph-II	2 x 500	1000	500	1982-83
41	Tago	3 x 1500	4500	3000	1992-93
Upper Subansiri District					
42	Maro	1 x 30	30	30	2002-03
43	Sippi	2 x 2000	4000	4000	2008-09
44	Pinto Karo MHS	1 x 25	25	25	2011-12
45	Sikin Karo	2 x 100	200	200	2011-12
46	Sinyum Koro	2 x 50	100	100	2011-12
47	Dulom (Daporijo)	4 x 100	400	300	1981-82
48	Ayingmuri MHS	2 x 125	250	250	2012-13
49	Limeking MHS	1 X 30	30	30	2012-13
50	Kojin Nallah	2 x 50	100	100	2011-12
Estern Zone (EZ)					
West Siang District					
51	Pagi (Basar)	2 x 50	100	50	1972-73
52	Ego-Echi (Dali)	4 x 100	400	400	1987-88
53	Liromoba	2 x 1000	2000	2000	2008-09
54	Along	3 x 100	300	300	2004
55	Yomcha	1 x 50	50	50	2001-02
56	Kamba MHS	3 x 2000	6000	6000	2010
57	Angu MHS	1 x 50	50	50	2010-11
58	Beye	1 x 30	30	30	2004-05
59	Mechuka	6 x 25+1*250	400	150	2015-16



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SL. No.	Name of the Stations	Units	Installed Capacity	Firm Capacity	Year of Commissioning
60	Yingko Sikong at Rapum	1 x 50	50	50	2009-10
61	Sirikorang MHS	2x250	500	500	2013-14
62	Solegomang MHS	1 x 50	50	50	2011-12
Lower Dibang Valley District					
63	Deopani Ph-I MHS	3 x 250	750	750	1986-87
64	Deopani Ph-II MHS	3 x 250	750	750	2004-05
65	Abhapani MHS at Simari	1 x 250 + 2 x 100	450	350	1983-84
Dibang Valley District					
66	Echi Ahfra at Anaya	2 x 200	400	400	2005-06
67	Tah Ahfra Ph-I and Ph-II at Angolin	1 x 50 + 1 x 50	100	100	2001-02 2009-10
68	Chini Ahfra at Amuli	1 x 250	250	250	2001-02
69	Anini/ Awapani Ph-I at LG	3 x 50	150	150	1984-85
70	Awapani Ph-II at LG	2 x 250	500	250	2005-06
71	Echito Nallah at Dambien	2 x 20	40	40	2010-11
72	Rupapani at Punli	2 x 20	40	40	2010-11
73	Chu Nallah at Mipi	2 x 15	30	30	2011-12
74	Awapani at Gepuline	2 x 250	500	500	2014-15
Changlang District					
75	Jongkey Nallah	1 x 50	50	50	2011-12
76	Chicklong	2 x 75	150	150	2011-12
77	Tissue	4 x 100	400	300	1986-87
78	Tinning	2 x 25	50	50	2010-11
79	Ngonalo at Vijaynagar	2 x 50	100	100	2010-11
Upper Siang District					
80	Sirnyuk SHP	2 x 1000	2000	2000	1996-97
81	Gosang (siri) MHS	2 x 250	500	500	2011-12
82	Selli MHS at Geku	2 x 250	500	500	1994-95
83	Yingkiong Ph-I MHS	3 x 50	150	150	1980-81
84	Yingkiong Ph-II MHS	2 x 100	200	200	1992-93
85	Kopu MHS at Tuting	1 x 250	250	250	2004
86	Sikut/ Tuting MHS	2 x 50	100	100	1984-85
87	Sillingri (Gelling) MHS	1 x 50	50	50	2008-09
88	Ngaming MHS	1 x 50	50	50	2008-09
89	Singa MHS	1 x 30	30	30	2008-09
90	Mayung	1 x 5	5	5	2011
91	Kote MHS	1 x 50	50	50	2011-12



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SL. No.	Name of the Stations	Units	Installed Capacity	Firm Capacity	Year of Commissioning
92	Sika MHS at Likor	1 x 15	15	15	2010
93	Sijen MHS at Adi pasi	1 x 50	50	50	2011-12
94	Pyabung MHS	1 x 25	25	25	2011-12
Anjaw District					
95	Mati Nallah	2 x 250 + 1 x 50	550	500	2004-05
96	Yapak Nallah	2 x 100	200	200	2005-06
97	Kebitho	1 x 30	30	30	2004-05
98	Kaho	1 x 10	10	10	2004-05
99	Krawti Nallah	2 x 50	100	100	2011
100	Tah Nallah	2 x 50	100	100	2009-10
101	Teepani MHS	2 x 250	500	500	2009-10
102	Langpani MHS	2 x 200	400	400	2011-12
103	Ashapani MHS	2 x 30	60	60	2011-12
104	Hathipani MHS	2 x 50	100	100	2009-10
105	Kachopani MHS	2 x 100	200	200	2014-15
106	Maipani MHS	2 x 30	60	60	2010-11
Tirap District					
107	Charju	3 x 200	600	600	1984-85
108	Thiratju	4 x 250	1000	1000	1977
109	Sumhok Nallah	2 x 50	100	100	2009-10
110	Tahin Nallah	2 x 50	100	100	2011-12
Siang District					
111	Yembung	4 x 500	2000	2000	1984
East Siang District					
112	Rina	2 x 1000	2000	2000	2008-09
113	Pasighat	2 x 100	200	100	1972
114	Silli	1 x 30	30	30	2001-02
Lohit District					
115	Tafragram	1 x 250	250	250	1984-85
116	Doorah Nallah	2 x 100	200	200	2013-14
		3 x 100	300	300	
TOTAL			62790	58290	

2. ENERGY SALES WITHIN THE STATE TO POWER DEPARTMENT

. The entire quantity of electricity generated by the 116 HEPs is being sold within State to the Power Department.

2. Performance during 2022-23

SL. No.	Name of the Stations	Units	Installed Capacity	Actual Net Generation
Western Zone (WZ)			(KW)	(KWH)
Tawang District				
1	Challengkang Ph-I	1 x 30	30	49246
2	Challengkang Ph-II	1 x 30	30	102639
3	Shakti Nallah	2 x 50	100	41945
4	Thimbu	2 x 50	100	64471
5	Khet	2 x 50	100	128530
6	Tsechu Nallah	2 x 50	100	62868
7	Mago MHS	2 x 50	100	83204
8	Nuranang	3 x 2000	6000	11332656
9	Kitpi Ph-I	3 x 500	1500	18039
10	Kitpi MHS Ph-II	2 x 1500	3000	6971165
11	T. Gompa	1 x 50	50	82529
12	Bongleng	2 x 50	100	87807
13	Bramdhongchung Ph-I	2 x 50	100	0
14	Bramdhongchung Ph-II	2 x 50	100	0
West Kameng District				
15	Rahung	3 x 250	750	805321
16	Dirang	4 x 500	2000	2496980
17	Saktangrong MHS	3 x 100	300	0
18	Zhongdongrong	2 x 500	1000	47208
19	Sessa	3 x 500	1500	0
20	Rupa	2 x 100	200	108906
21	Dokumpani	1 x 30	30	45902
22	Domkhong	2 x 500	1000	2923340
23	Sinchung	1 x 30	30	0
24	Ankaling	1 x 30	30	0



**Petition for Approval of Annual Revenue Requirement
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SL. No.	Name of the Stations	Units	Installed Capacity	Actual Net Generation
25	Dikshi	2 x 30	60	37706
26	Khadiyabey	2 x 100	200	0
27	Jigaon	2 x 50	100	238277
East Kameng District				
28	Seppa	3 x 100	300	0
29	Pakke Kessang	1 x 30	30	0
30	Pacha MHS	2 x 1500	3000	8529034
31	Pakoti	2 x 50	100	359796
32	Patta Nallah	2 x 50	100	350843
33	Watte Mame	1 x 50	50	247628
34	Kade Nallah	1 x 50	50	0
Kurung Kumey District				
35	Koye	1 x 50	50	0
36	Paya MHS at Hiya	2 x 50	100	22557
37	Patte MHS at Tali	1 x 30	30	0
38	Chambang	1 x 30	30	0
Lower Subansiri District				
39	Mai Ph-I	4 x 500	2000	1136661
40	Mai Ph-II	2 x 500	1000	176657
41	Tago	3 x 1500	4500	2720508
Upper Subansiri District				
42	Maro	1 x 30	30	0
43	Sippi	2 x 2000	4000	3667587
44	Pinto Karo MHS	1 x 25	25	0
45	Sikin Karo	2 x 100	200	0
46	Sinyum Koro	2 x 50	100	0
47	Dulom (Daporijo)	4 x 100	400	0
48	Ayingmuri MHS	2 x 125	250	0
49	Limeking MHS	1 X 30	30	0
50	Kojin Nallah	2 x 50	100	0
Estern Zone (EZ)				
West Siang District				
51	Pagi (Basar)	2 x 50	100	97533

SL. No.	Name of the Stations	Units	Installed Capacity	Actual Net Generation
52	Ego-Echi (Dali)	4 x 100	400	285395
53	Liromoba	2 x 1000	2000	78058
54	Along	3 x 100	300	25301
55	Yomcha	1 x 50	50	0
56	Kamba MHS	3 x 2000	6000	2860208
57	Angu MHS	1 x 50	50	0
58	Beye	1 x 30	30	0
59	Mechuka	6 x 25+1*250	400	225196
60	Yingko Sikong at Rapum	1 x 50	50	34413
61	Sirikorang MHS	2x250	500	1456492
62	Solegomang MHS	1 x 50	50	33593
Lower Dibang Valley District				
63	Deopani Ph-I MHS	3 x 250	750	0
64	Deopani Ph-II MHS	3 x 250	750	0
65	Abhapani MHS at Simari	1 x 250 + 2 x 100	450	0
Dibang Valley District				
66	Echi Ahfra at Anaya	2 x 200	400	112436
67	Tah Ahfra Ph-I and Ph-II at Angolin	1 x 50 + 1 x 50	100	0
68	Chini Ahfra at Amuli	1 x 250	250	0
69	Anini/ Awapani Ph-I at LG	3 x 50	150	0
70	Awapani Ph-II at LG	2 x 250	500	1116617
71	Echito Nallah at Dambien	2 x 20	40	38695
72	Rupapani at Punli	2 x 20	40	50590
73	Chu Nallah at Mipi	2 x 15	30	30574
74	Awapani at Gepuline	2 x 250	500	990596
Changlang District				
75	Jongkey Nallah	1 x 50	50	18074
76	Chicklong	2 x 75	150	109361
77	Tissue	4 x 100	400	58287
78	Tinning	2 x 25	50	18585
79	Ngonalo at Vijaynagar	2 x 50	100	0

SL. No.	Name of the Stations	Units	Installed Capacity	Actual Net Generation
Upper Siang District				
80	Sirnyuk SHP	2 x 1000	2000	2458680
81	Gosang (siri) MHS	2 x 250	500	405588
82	Selli MHS at Geku	2 x 250	500	1051141
83	Yingkiong Ph-I MHS	3 x 50	150	202356
84	Yingkiong Ph-II MHS	2 x 100	200	245323
85	Kopu MHS at Tuting	1 x 250	250	292661
86	Sikut/ Tuting MHS	2 x 50	100	139921
87	Sillingri (Gelling) MHS	1 x 50	50	135299
88	Ngaming MHS	1 x 50	50	145358
89	Singha MHS	1 x 30	30	76649
90	Mayung	1 x 5	5	1304
91	Kote MHS	1 x 50	50	0
92	Sika MHS at Likor	1 x 15	15	0
93	Sijen MHS at Adi pasi	1 x 50	50	0
94	Pyabung MHS	1 x 25	25	0
Anjaw District				
95	Mati Nallah	2 x 250 + 1 x 50	550	1142796
96	Yapak Nallah	2 x 100	200	755703
97	Kebitho	1 x 30	30	10181
98	Kaho	1 x 10	10	3362
99	Krawti Nallah	2 x 50	100	247418
100	Tah Nallah	2 x 50	100	0
101	Teepani MHS	2 x 250	500	960568
102	Langpani MHS	2 x 200	400	131011
103	Ashapani MHS	2 x 30	60	0
104	Hathipani MHS	2 x 50	100	0
105	Kachopani MHS	2 x 100	200	232608
106	Maipani MHS	2 x 30	60	0
Tirap District				
107	Charju	3 x 200	600	720557
108	Thiratju	4 x 250	1000	37823
109	Sumhok Nallah	2 x 50	100	0
110	Tahin Nallah	2 x 50	100	0

SL. No.	Name of the Stations	Units	Installed Capacity	Actual Net Generation
Siang District				
111	Yembung	4 x 500	2000	3432559
East Siang District				
112	Rina	2 x 1000	2000	1145655
113	Pasighat	2 x 100	200	162205
114	Silli	1 x 30	30	13884
Lohit District				
115	Tafragram	1 x 250	250	212451
116	Doorah Nallah	2 x 100	200	231382
		3 x 100	300	0
	TOTAL		62790	65174457

A. DETERMINATION OF TARIFF FOR THE HEPs

ARR & tariff has been calculated on parameters as defined in the APsERC (Terms & Conditions for Determination of Renewable Energy Tariff) Regulations, 2024.

The RE Regulations, 2024 provides that tariff for sale of electricity from a hydro power station shall be aimed at recovering the Annual Fixed Charges and various components of AFC has been defined in Regulation 11.

Accordingly, following has been considered for calculating Annual Fixed Charges for the HEP:

Annual Fixed Charges:

The Annual Fixed Charges (AFC) is determined based on following factors: -

- a) Project Cost
- b) Design Energy
- c) Interest on Loan Capital.
- d) Depreciation.
- e) Return on Equity.
- f) Operation & Maintenance Expenses.

g) Interest on Working Capital.

3. The assumptions considered for the HEPs are given below:

Sl. No.	Particulars	Unit	Value	
1	Auxiliary Consumption	%	1	
2	O&M Expenses	Below 500KW – 41.78 Lakh/MW		
		500KW-1MW- 31.34 Lakh/MW		
	Escalation	%	5.89% per annum	
3	Depreciation		Project commissioned after March,2012, rate of depreciation taken @4.67% as per RE Regulations,2024	Project commissioned before March,2012, rate of depreciation taken @2.57%
	Plant Life	years	40	
	Residual	%	10	
4	Working Capital			
	Receivable (days of Energy Charges)	Days	45 days	
	O & M Expenses	Months	1	
	Spares for Maintenance	%	15	O&M Expenses
	Rate of Interest	%	SBI MCLR (One year Tenor) + 325 basis point	
5	Return on Equity	%	14.5, grossed up by applicable MAT	
6	Equity	%	30	Net Project Cost
	Loan	%	70	Net Project Cost
7	Interest	%	SBI MCLR (One Year Tenor) + 200 basis point	
8	Moratorium		No moratorium after COD	

a) **Capital Cost**

Clause 14 of APERC (Terms and Conditions for Determination of Renewable Energy Tariff) Regulations, 2024 provides that the capital cost as specified in the technology

specific chapters of the Regulation shall be considered for determination of AFC & Tariff. Capital as approved by the Commission shall be considered for project specific tariff.

In the instant petition project cost of 79 HEPs as approved by the Hon'ble Commission in the Tariff order for the FY 2019-20 has been considered.

For balance 37 projects commissioned before 31.03.2017, project cost was determined as per the directive of the Hon'ble Commission considering the APERC (Terms & Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2012. The same was submitted along with the Tariff Petition for the FY 2022-23. The capital cost of the 37 projects have been considered accordingly. The details of project wise capital cost are provided as Annexure – 1 & 2

Table - 4 Capital Cost - Projects Commissioned upto - 31.03.2017			
Sl. No.	Particular	Installed Capacity (MW)	Capital Cost IN (Lakhs)
1	79 HEPs	42.09	43032.62
2	37 HEPs	20.70	4773.80
	Total =====>	62.79	47806.42

b) Design Energy

Design energy of the HEPs has been calculated in accordance with the APERC Regulations. Design energy of the HEPs is provided in the table below. Regulation 27 of RE Regulations, 2024 provides that CUF for SHPs is to be considered as 45%. However, in the instant petition CUF has been taken as 36% as considered/approved by the Hon'ble APERC in the Tariff order for the FY 2019-20.

5. DESING ENERGY

SL. No.	Name of the Stations	Installed Capacity	Design Energy (Annual)
	Western Zone (WZ)	(KW)	(MU)
	Tawang District		
1	Challengkang Ph-I	30	0.25
2	Challengkang Ph-II	30	0.25



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SL. No.	Name of the Stations	Installed Capacity	Design Energy (Annual)
3	Shakti Nallah	100	0.83
4	Thimbu	100	0.83
5	Khet	100	0.83
6	Tsechu Nallah	100	0.83
7	Mago MHS	100	0.83
8	Nuranang	6000	49.93
9	Kitpi Ph-I	1500	12.48
10	Kitpi MHS Ph-II	3000	24.97
11	T. Gompa	50	0.42
12	Bongleng	100	0.83
13	Bramdhongchung Ph-I	100	0.83
14	Bramdhongchung Ph-II	100	0.83
West Kameng District			
15	Rahung	750	6.24
16	Dirang	2000	16.64
17	Saktangrong MHS	300	2.50
18	Zhongdongrong	1000	8.32
19	Sessa	1500	12.48
20	Rupa	200	1.66
21	Dokumpani	30	0.25
22	Domkhrong	1000	8.32
23	Sinchung	30	0.25
24	Ankaling	30	0.25
25	Dikshi	60	0.50
26	Khadiyabey	200	1.66
27	Jigaon	100	0.83
East Kameng District			
28	Seppa	300	2.50
29	Pakke Kessang	30	0.25
30	Pacha MHS	3000	24.97
31	Pakoti	100	0.83
32	Patta Nallah	100	0.83
33	Watte Mame	50	0.42
34	Kade Nallah	50	0.42
Kurung Kumey District			
35	Koye	50	0.42
36	Paya MHS at Hiya	100	0.83



**Petition for Approval of Annual Revenue Requirement
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SL. No.	Name of the Stations	Installed Capacity	Design Energy (Annual)
37	Patte MHS at Tali	30	0.25
38	Chambang	30	0.25
Lower Subansiri District			
39	Mai Ph-I	2000	16.64
40	Mai Ph-II	1000	8.32
41	Tago	4500	37.45
Upper Subansiri District			
42	Maro	30	0.25
43	Sippi	4000	33.29
44	Pinto Karo MHS	25	0.21
45	Sikin Karo	200	1.66
46	Sinyum Koro	100	0.83
47	Dulom (Daporijo)	400	3.33
48	Ayingmuri MHS	250	2.08
49	Limeking MHS	30	0.25
50	Kojin Nallah	100	0.83
Estern Zone (EZ)			
West Siang District			
51	Pagi (Basar)	100	0.83
52	Ego-Echi (Dali)	400	3.33
53	Liromoba	2000	16.64
54	Along	300	2.50
55	Yomcha	50	0.42
56	Kamba MHS	6000	49.93
57	Angu MHS	50	0.42
58	Beye	30	0.25
59	Mechuka	400	3.33
60	Yingko Sikong at Rapum	50	0.42
61	Sirikorang MHS	500	4.16
62	Solegomang MHS	50	0.42
Lower Dibang Valley District			
63	Deopani Ph-I MHS	750	6.24
64	Deopani Ph-II MHS	750	6.24
65	Abhapani MHS at Simari	450	3.74
Dibang Valley District			
66	Echi Ahfra at Anaya	400	3.33



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SL. No.	Name of the Stations	Installed Capacity	Design Energy (Annual)
67	Tah Ahfra Ph-I and Ph-II at Angolin	100	0.83
68	Chini Ahfra at Amuli	250	2.08
69	Anini/ Awapani Ph-I at LG	150	1.25
70	Awapani Ph-II at LG	500	4.16
71	Echito Nallah at Dambien	40	0.33
72	Rupapani at Punli	40	0.33
73	Chu Nallah at Mipi	30	0.25
74	Awapani at Gepuline	500	4.16
Changlang District			
75	Jongkey Nallah	50	0.42
76	Chicklong	150	1.25
77	Tissue	400	3.33
78	Tinning	50	0.42
79	Ngonalo at Vijaynagar	100	0.83
Upper Siang District			
80	Sirnyuk SHP	2000	16.64
81	Gosang (siri) MHS	500	4.16
82	Selli MHS at Geku	500	4.16
83	Yingkiong Ph-I MHS	150	1.25
84	Yingkiong Ph-II MHS	200	1.66
85	Kopu MHS at Tuting	250	2.08
86	Sikut/ Tuting MHS	100	0.83
87	Sillingri (Gelling) MHS	50	0.42
88	Ngaming MHS	50	0.42
89	Singa MHS	30	0.25
90	Mayung	5	0.04
91	Kote MHS	50	0.42
92	Sika MHS at Likor	15	0.12
93	Sijen MHS at Adi pasi	50	0.42
94	Pyabung MHS	25	0.21
Anjaw District			
95	Mati Nallah	550	4.58
96	Yapak Nallah	200	1.66
97	Kebitho	30	0.25
98	Kaho	10	0.08
99	Krawti Nallah	100	0.83

SL. No.	Name of the Stations	Installed Capacity	Design Energy (Annual)
100	Tah Nallah	100	0.83
101	Teepani MHS	500	4.16
102	Langpani MHS	400	3.33
103	Ashapani MHS	60	0.50
104	Hathipani MHS	100	0.83
105	Kachopani MHS	200	1.66
106	Maipani MHS	60	0.50
Tirap District			
107	Charju	600	4.99
108	Thiratju	1000	8.32
109	Sumhok Nallah	100	0.83
110	Tahin Nallah	100	0.83
Siang District			
111	Yembung	2000	16.64
East Siang District			
112	Rina	2000	16.64
113	Pasighat	200	1.66
114	Silli	30	0.25
Lohit District			
115	Tafragram	250	2.08
116	Doorah Nallah	200	4.16
		300	
	TOTAL	62790	522.54

c) Interest on Loan Capital

Clause 16 of APERC RE Regulations, 2024 provides that interest on loan taken to fund the cost of project shall be recovered through tariff. DHPD has not taken any loan for financing the projects. In view of the above, no interest on loan has been claimed. DHPD submits that it will claim interest on loan in accordance with the above regulation in case loan is availed for financing of projects in future.

d) Depreciation

Regulation 17 of APERC RE Regulations, 2024 provides that depreciation is to be calculated on the capital cost admitted by the Commission considering salvage value as 10%. The depreciation is to be calculated at 4.67% for the first 15 years and remaining

depreciation to be spread over remaining useful life of the project. The rate of depreciation has been considered at 4.67% as per RE Regulation, 2024.

However, in line with the principle followed by the Hon'ble Commission in the tariff order for the FY 2019-20, depreciation for the HEPs commissioned before March, 2012 has been calculated @ 2.57%.

In respect of the projects commissioned after FY 2012, rate of depreciation has been considered at 4.67% as per Regulation 17 of APSSRC RE Regulations, 2024. Summary of the depreciation of the FY 2024-25 is provided below. SHP wise depreciation is provided in the Annexure – 3, 4 & 5.

Furthermore, in respect of the SHPs commissioned before FY 2012, the life of SHPs have been considered as 35 years in accordance APSSRC (Terms & Conditions for Tariff Determination from Renewable Energy Sources) Regulations, 2012 and in line with the principle followed by the Hon'ble Commission in the previous tariff orders. Further, salvage value has been considered as 10% of cost in accordance with the Regulations.

Accordingly, depreciation in respect of the SHPs which have reached 35 years of operation has not been charged. Further, depreciation have also not been charged in respect of SHPs which have been depreciated upto 90% of the cost.

Table - 6 Depreciation for the FY 2024-25			
Projects Commissioned upto -31.03.2017			
Sl. No.	Particular	Capital Cost IN (Lakhs)	Depreciation Amount (Rs in Lakhs) for FY 2024-25
1	69 numbers HEPs commissioned before 2012 (As per the Annual Depreciation approved in the Tariff Order Dt. 20.12.2019 for the FY 2019-20)	38946.10	985.06

Table - 6 Depreciation for the FY 2024-25			
Projects Commissioned upto -31.03.2017			
Sl. No.	Particular	Capital Cost IN (Lakhs)	Depreciation Amount (Rs in Lakhs) for FY 2024-25
2	10 numbers HEPs commissioned after 2012 (As per regulation 17 of APERC RE Regulations,2024)	4086.52	190.84
3	37 numbers other HEPs commissioned before 2012	4773.80	56.94
	Total =====>	47806.42	1232.84

e) Return on Equity (ROE)

As per provision under Regulation 18 of APERC Regulations, 2024, Return on Equity has been considered @ 14.5% per annum. The MAT rate has not been considered as DHPD being Government Department, there is no MAT/Corporate Tax liability. The capital cost for calculation of ROE has been considered as discussed in the previous section.

The Equity for the purpose of calculation of ROE has been computed as per Regulation 15 of APERC RE Regulations, 2024. Accordingly, Debt-Equity ratio of 70:30 has been considered. Summary of ROE of SHP is provided below. The SHP wise details of ROE is provided in Annexure – 6 & 7

Table - 7 Return on Equity (ROE) for the FY 2024-25			
Projects Commissioned upto -31.03.2017			
Sl. No.	Particular	Capital Cost (Rs. In Lakh)	RoE (Rs. In Lakh) for FY 2024-25
1	79 HEPs	43032.62	1871.92
2	37 HEPs	4773.80	207.66
	Total =====>	47806.42	2079.58

f) Operation & Maintenance Expenses

Regulation 29 of APERC RE Regulations, 2024 provides that normative O&M for SHPs below 500 KW shall be Rs. 41.78 Lakh/MW & SHP between 500 KW to 1 MW shall be Rs.31.34 Lakh/MW for the base year of 2024.25. The regulation further provides for an escalation of 5.89% per annum on the above normative O&M for subsequent years.

g) However, the Hon'ble Commission has already approved O&M expenses in respect of the SHPs in the previous Tariff Order. Further, Regulation 29 of APERC RE Regulations, 2018 provides for an escalation of 5.72% per annum on the normative O&M for subsequent years.

h) Accordingly, the approved O&M has been considered as base & the same has been escalated @ 5.72% year over year till FY 2023-24. The derived O&M for the FY 2023-24 thereafter, has been further escalated @ 5.89% as per Regulation 29 of APERC RE Regulations, 2024 to arrive at the applicable O&M for the FY 2024-25. The summary of O&M expenses is provided below. The SHP wise O&M expenses is provided in the Annexure – 8

Table - 8 O&M Expenses for the FY 2024-25			
Projects Commissioned up-to -31.03.2017			
Sl. No.	Particular	Installed Capacity (MW)	O & M COST for FY 2024-25 (Rs. In Lakh)
1	79 HEPs	42.09	2114.52
2	37 HEPs	20.70	1107.09

g) Interest on Working Capital

The requirement of Working Capital & Interest thereon has been computed as per Clause 19 - "Interest on Working Capital" of the APERC RE Regulations,2024. Interest @ 11.86 % per annum on working capital has been considered which is 325 basis points above the SBI MCLR (One year tenor) for last six months. The average SBI MCLR (One year tenor) for last six months is 8.61%. The summary of IWC is provided below.

Table - 9 Interest on Working Capital for the FY 2024-25		
Projects Commissioned up-to -31.03.2017 (for 79 HEPs)		
S. No.	Particulars	FY 2024-25 Amount (Rs. In lakhs)
1	2	3
1	Operation & Maintenance Expenses (1 month)	176.21
2	Maintenance of Spares (15% of O&M)	317.18
3	Receivables (45 days of fixed cost)	662.43
4	Total	1155.81
5	Interest on Working Capital @ 11.86%	137.07

Table - 9.1 Interest on Working Capital for the FY 2024-25		
Projects Commissioned up-to -31.03.2017 (for 37 HEPs)		
S. No.	Particulars	FY 2024-25 Amount (Rs. In lakhs)
1	2	3
1	Operation & Maintenance Expenses (1 month)	92.26
2	Maintenance of Spares (15% of O&M)	166.06
3	Receivables (45 days of fixed cost)	177.93
4	Total	436.25
5	Interest on Working Capital @ 11.86%	51.73

3. TOTAL ANNUAL FIXED CHARGES (AFC) FOR THE HEPS

Based on the above parameters, AFC for the Financial Year 2024-25 are given in the table below.

Table - 10 Annual Fixed Charge (AFC) for the FY 2024-25		
Projects Commissioned up-to -31.03.2017 (for 79 HEPs)		
(Rs in Lakhs)		
SL. No.	Financial Year	2024-25
1	Depreciation	1175.90
2	Return on Equity	1871.92
3	O&M Expenses	2114.52
4	Interest on Working Capital	137.07
5	Total Annual Fixed Cost	5299.41

Table - 10.1 Annual Fixed Charge (AFC) for the FY 2024-25		
Projects Commissioned up-to -31.03.2017 (for 37 HEPs)		
(Rs in Lakhs)		
SL. No.	Financial Year	2024-25
1	Depreciation	56.94
2	Return on Equity	207.66
3	O&M Expenses	1107.09
4	Interest on Working Capital	51.73
5	Total Annual Fixed Cost	1423.42

3. a) Tariff

CUF for the HEPs commissioned up to 31.03.2017 has been considered as 36% as per the order of the Hon'ble Commission in Tariff Order for the FY 2019-20. Accordingly, based on the Annual Fixed Charges and the CUF as discussed above, the tariff for the year 2024-25 is worked out here under.

Table - 11 Tariff for the FY 2024-25		
Projects Commissioned up-to -31.03.2017 (for 79 HEPs)		
(Rs in Lakhs)		
SL. No.	Particulars	FY 2024-25
1	Annual Fixed Charges	5299.41
2	Installed Capacity	42.09
3	CUF considered (%)	0.36
4	Gross Energy (MU)	132.74
5	Auxiliary Power Consumption (1%)	1.33
6	Saleable Energy (MU)	131.41
7	Tariff (Rs./kWh)	4.03

Table - 11.1 Tariff for the FY 2024-25		
Projects Commissioned up-to -31.03.2017 (for 37 HEPs)		
(Rs in Lakhs)		
SL. No.	Particulars	FY 2024-25
1	Annual Fixed Charges	1423.42
2	Installed Capacity	20.70
3	CUF considered (%)	0.36
4	Gross Energy (MU)	65.28
5	Auxiliary Power Consumption (1%)	0.65
6	Saleable Energy (MU)	64.63
7	Tariff (Rs./kWh)	2.20



PRAYER

It is respectfully prayed that the Hon'ble Commission may be pleased to:

- (a) Approve the Annual Fixed Charges & Tariff as submitted.
- (b) Pass such other and further order(s) as are deemed fit and proper in the facts and circumstances of the case.

Authorised Signatory

Place: Itanagar

Date:

ANNEXURES

Annexure - 1			
Capital Cost not approved by APSERC			
Sl. No.	Name of Station	Installed Capacity (MW)	Capital Cost IN (Lakhs)
1	Kitpi Ph-I	1.5	177.29
2	T. Gompa	0.05	24.89
3	Chellengkang Ph-I	0.03	15.28
4	Rahung	0.75	56.41
5	Dirang	2	236.39
6	Saktangrong	0.3	195.63
7	Rupa	0.2	23.64
8	Dokumpani	0.03	13.59
9	Seppa	0.3	43.62
10	Pakke Kessang	0.03	14.93
11	Patte MHS at Tali	0.03	15.28
12	Mai Ph-I	2	321.86
13	Mai Ph-II	1	160.93
14	Tago	4.5	1415.95
15	Maro	0.03	15.41
16	Dulom (Daporijo)	0.4	60.77
17	Pagi (Basar)	0.1	7.52
18	Along	0.3	34.51
19	Ego-Echi (Dali)	0.4	79.16
20	Yomcha	0.05	24.89
21	Beye	0.03	15.28
22	Yingkiong Ph-I	0.15	21.81
23	Yingkiong Ph-II	0.2	62.93
24	Sikut/ Tuting	0.1	16.73
25	Selli at Geku	0.5	183.60
26	Pasighat	0.2	16.99
27	Silli	0.03	14.93
28	Yembung	2	734.40
29	Deopani Ph-I	0.75	141.99
30	Abhapani	0.45	165.24
31	Anini/ Awapani Ph-I	0.15	55.08
32	Chini Afra	0.25	124.44
33	Tafragram	0.25	41.81
34	Kaho	0.01	5.09
35	Kebitho	0.03	15.28
36	Thiratju	1	119.91
37	Charju	0.6	100.36
	Total =====>	20.70	4773.80

Annexure - 2			
Capital Cost Approved by APSERC			
Sl. No.	Name of Station	Installed Capacity (MW)	Capital Cost IN (Lakhs)
1	Nuranang	6.00	985.00
2	Bramdhongchung	0.10	105.30
3	Shakti Nallah	0.10	109.32
4	Kitpi MHS Ph-II	3.00	3373.83
5	Challengkang Ph-II	0.03	54.94
6	Bongleng	0.10	114.27
7	Thimbu	0.10	126.91
8	Bramdhongchung Ph-II	0.10	134.71
9	Tsechu Nallah	0.10	157.75
10	Khet	0.10	144.27
11	Mago MHS	0.10	140.44
12	Zhongdongrong	1.00	1406.44
13	Sessa	1.50	131.00
14	Domkhong	1.00	2845.77
15	Sinchung	0.03	54.48
16	Ankaling	0.03	66.35
17	Dikshi	0.06	56.86
18	Khadiyabey	0.20	282.91
19	Jigaon	0.10	71.85
20	Pacha MHS	3.00	3992.80
21	Pakoti	0.10	138.37
22	Patta Nallah	0.10	140.80
23	Watte Mame	0.05	145.50
24	Kade Nallah	0.05	95.09
25	Koye	0.05	98.00
26	Paya MHS at Hiya	0.10	237.93
27	Chambang	0.03	109.55
28	Sippi	4.00	3832.92
29	Pinto Karo MHS	0.03	83.11
30	Sikin Karo	0.20	387.61
31	Sinyum Koro	0.10	197.06
32	Ayingmuri MHS	0.25	175.00
33	Limeking MHS	0.03	21.00
34	Kojin Nallah	0.10	184.35
35	Mechuka	0.40	113.02
36	Kambang	6.00	3832.92
37	Liromoba	2.00	3073.73
38	Yingko Sikong at Rapum	0.05	40.14
39	Angu	0.05	39.46

Annexure - 2			
Capital Cost Approved by APSERC			
Sl. No.	Name of Station	Installed Capacity (MW)	Capital Cost IN (Lakhs)
40	Solegomang MHS	0.05	88.83
41	Sirikorang MHS	0.50	646.11
42	Sirnyuk	2.00	2464.32
43	Kopu at Tuting	0.25	259.60
44	Silingri	0.05	101.68
45	Singa	0.03	122.98
46	Ngaming	0.05	103.04
47	Sika	0.02	50.00
48	Mayung	0.01	22.22
49	Gosang	0.50	826.00
50	Kote MHS	0.05	96.70
51	Sijen MHS at Adi pasi	0.05	91.41
52	Pyabung MHS	0.03	74.13
53	Rina	2.00	3024.45
54	Deopani Ph-II	0.75	290.10
55	Awapani Ph-II	0.50	714.46
56	Awapani at Gepuline	0.50	714.46
57	Tah Ahfra Ph-I & Ph-II	0.10	49.63
58	Echi Ahfra	0.40	484.79
59	Echito Nallah	0.04	74.04
60	Rupapani	0.04	74.65
61	Chu Nallah	0.03	73.84
62	Doorah Nallah	0.50	404.87
63	Tissue	0.40	617.00
64	Jongkey Nallah	0.05	144.50
65	Ngonalo at Vijaynagar	0.10	408.45
66	Tinning	0.05	99.98
67	Chicklong	0.15	98.14
68	Mati Nallah	0.55	598.56
69	Yapak Nallah	0.20	317.71
70	Teepani	0.50	675.47
71	Krawti Nallah	0.10	119.07
72	Hathipani	0.10	120.44
73	Tah Nallah	0.10	122.99
74	Maipani	0.06	98.14
75	Ashapani	0.06	99.98
76	Langpani	0.40	543.91
77	Kachopani MHS	0.20	393.33
78	Sumhok Nallah	0.10	198.90

Annexure - 2			
Capital Cost Approved by APSERC			
Sl. No.	Name of Station	Installed Capacity (MW)	Capital Cost IN (Lakhs)
79	Tahin Nallah	0.10	222.98
	Total =====>	42.09	43032.62

Annexure - 3						
Projects not considered by commission						
Depreciation for 37 SHPS Commissioned before FY 2012						
Sl. No	Name of Station	Division/Zone	Date of COD	Installed Capacity (MW)	Capital Cost IN (Lakhs)	Depreciation Amount 2.57% P.A. (Rs in Lakhs) for FY 2024-25
1	Kitpi Ph-I	Western Zone	01-04-1977	1.50	177.29	0.00
2	T. Gompa	Western Zone	01-04-2001	0.05	24.89	0.64
3	Challengkang Ph-I	Western Zone	01-04-2004	0.03	15.28	0.39
4	Rahung	Western Zone	01-04-1972	0.75	56.41	0.00
5	Dirang	Western Zone	01-04-1977	2.00	236.39	0.00
6	Saktangrong	Western Zone	01-04-2011	0.30	195.63	5.03
7	Rupa	Western Zone	01-04-1997	0.20	23.64	0.61
8	Dokumpani	Western Zone	01-04-2000	0.03	13.59	0.35
9	Seppa	Western Zone	01-04-1980	0.30	43.62	0.00
10	Pakke Kessang	Western Zone	01-04-2001	0.03	14.93	0.38
11	Patte MHS at Tali	Western Zone	01-04-2004	0.03	15.28	0.39
12	Mai Ph-I	Western Zone	01-04-1977	2.00	321.86	0.00
13	Mai Ph-II	Western Zone	01-04-1982	1.00	160.93	0.00
14	Tago	Western Zone	01-04-1992	4.50	1415.95	36.39
15	Maro	Western Zone	01-04-2002	0.03	15.41	0.40
16	Dulom (Daporijo)	Western Zone	01-04-1981	0.40	60.77	0.00
17	Pagi (Basar)	Eastern Zone	01-04-1972	0.10	7.52	0.00
18	Along	Eastern Zone	01-04-2004	0.30	34.51	0.89
19	Ego-Echi (Dali)	Eastern Zone	01-04-1987	0.40	79.16	0.00
20	Yomcha	Eastern Zone	01-04-2001	0.05	24.89	0.64
21	Beye	Eastern Zone	01-04-2004	0.03	15.28	0.39
22	Yingkiong Ph-I	Eastern Zone	01-04-1980	0.15	21.81	0.00
23	Yingkiong Ph-II	Eastern Zone	01-04-1992	0.20	62.93	1.62
24	Sikut/ Tuting	Eastern Zone	01-04-1984	0.10	16.73	0.00
25	Selli at Geku	Eastern Zone	01-04-1994	0.50	183.60	4.72

Annexure - 3						
Projects not considered by commission						
Depreciation for 37 SHPS Commissioned before FY 2012						
Sl. No	Name of Station	Division/Zone	Date of COD	Installed Capacity (MW)	Capital Cost IN (Lakhs)	Depreciation Amount 2.57% P.A. (Rs in Lakhs) for FY 2024-25
26	Pasighat	Eastern Zone	02-04-1972	0.20	16.99	0.00
27	Silli	Eastern Zone	25-10-2001	0.03	14.93	0.38
28	Yembung	Eastern Zone	01-04-1984	2.00	734.40	0.00
29	Deopani Ph-I	Eastern Zone	01-04-1986	0.75	141.99	0.00
30	Abhapani	Eastern Zone	01-04-1983	0.45	165.24	0.00
31	Anini/ Awapani Ph-I	Eastern Zone	01-04-1984	0.15	55.08	0.00
32	Chini Afra	Eastern Zone	01-04-2001	0.25	124.44	3.20
33	Tafragram	Eastern Zone	01-04-1984	0.25	41.81	0.00
34	Kaho	Eastern Zone	01-04-2004	0.01	5.09	0.13
35	Kebitho	Eastern Zone	01-04-2004	0.03	15.28	0.39
36	Thiratju	Eastern Zone	01-04-1977	1.00	119.91	0.00
37	Charju	Eastern Zone	04-04-1984	0.60	100.36	0.00
Total =====>				20.70	4773.80	56.94

Annexure - 4						
Projects considered by commission						
Depreciation for plant Commissioned before FY 2012						
Sl. No	Name of Station	Division/Zone	Date of COD	Installed Capacity (MW)	Capital Cost (Rs. In Lakh)	Depreciation Amount @2.57% P.A. (Rs. In Lakh) for FY 2024-25
1	Nuranang	Western Zone	01-04-1996	6.00	985.00	25.31
2	Bramdhongchung	Western Zone	01-04-2008	0.10	105.30	2.71
3	Shakti Nallah	Western Zone	01-04-2008	0.10	109.32	2.81
4	Kitpi MHS Ph-II	Western Zone	01-04-2008	3.00	3373.83	86.71
5	Challengkang Ph-II	Western Zone	01-04-2008	0.03	54.94	1.41
6	Bongleng	Western Zone	01-04-2009	0.10	114.27	2.94
7	Thimbu	Western Zone	01-04-2009	0.10	126.91	3.26
8	Bramdhongchung Ph-II	Western Zone	01-04-2010	0.10	134.71	3.46
9	Tsechu Nallah	Western Zone	01-04-2010	0.10	157.75	4.05
10	Sessa	Western Zone	01-04-1992	1.50	131.00	3.37
11	Domkhong	Western Zone	01-04-2008	2.00	2845.77	73.14

Projects considered by commission

Depreciation for plant Commissioned before FY 2012

Sl. No	Name of Station	Division/Zone	Date of COD	Installed Capacity (MW)	Capital Cost (Rs. In Lakh)	Depreciation Amount @2.57% P.A. (Rs. In Lakh) for FY 2024-25
12	Sinchung	Western Zone	01-04-2008	0.05	54.48	1.40
13	Ankaling	Western Zone	01-04-2009	0.03	66.35	1.71
14	Khet	Western Zone	01-04-2009	0.10	144.27	3.71
15	Dikshi	Western Zone	01-04-2010	0.03	56.86	1.46
16	Khadiyabey	Western Zone	01-04-2011	0.20	282.91	7.27
17	Pacha MHS	Western Zone	01-04-2008	3.00	3992.80	102.61
18	Pakoti	Western Zone	01-04-2010	0.10	138.37	3.56
19	Patta Nallah	Western Zone	01-04-2010	0.10	140.80	3.62
20	Watte Mame	Western Zone	01-04-2010	0.05	145.50	3.74
21	Kade Nallah	Western Zone	01-04-2010	0.05	95.09	2.44
22	Koye	Western Zone	01-04-2009	0.05	98.00	2.52
23	Chambang	Western Zone	01-04-2009	0.03	109.55	2.82
24	Paya MHS at Hiya	Western Zone	01-04-2011	0.10	237.93	6.11
25	Sippi	Western Zone	01-04-2008	4.00	3832.92	98.51
26	Pinto Karo MHS	Western Zone	01-04-2011	0.03	83.11	2.14
27	Sikin Karo	Western Zone	01-04-2011	0.20	387.61	9.96
28	Sinyum Koro	Western Zone	01-04-2011	0.10	197.06	5.06
29	Kojin Nallah	Western Zone	01-04-2011	0.10	184.35	4.74
30	Kambang	Eastern Zone	01-04-2010	6.00	3832.92	98.51
31	Liromoba	Eastern Zone	01-04-2008	2.00	3073.73	78.99
32	Yingko Sikong at Rapum	Eastern Zone	01-04-2009	0.05	40.14	1.03
33	Angu	Eastern Zone	01-04-2010	0.05	39.46	1.01
34	Solegomang MHS	Eastern Zone	01-04-2011	0.05	88.83	2.28
35	Sirnyuk	Eastern Zone	01-04-1996	2.00	2464.32	63.33
36	Kopu at Tuting	Eastern Zone	01-04-2004	0.25	259.60	6.67
37	Silingri	Eastern Zone	01-04-2008	0.05	101.68	2.61
38	Singa	Eastern Zone	01-04-2008	0.03	122.98	3.16
39	Ngaming	Eastern Zone	01-04-2008	0.05	103.04	2.65
40	Sika	Eastern Zone	01-04-2010	0.02	50.00	1.29
41	Mayung	Eastern Zone	01-04-2011	0.01	22.22	0.57
42	Gosang	Eastern Zone	01-04-2011	0.50	826.00	21.23
43	Kote MHS	Eastern Zone	01-04-2011	0.05	96.70	2.49
44	Sijen MHS at Adi pasi	Eastern Zone	01-04-2011	0.05	91.41	2.35
45	Pyabung MHS	Eastern Zone	01-04-2011	0.03	74.13	1.91
46	Rina	Eastern Zone	01-04-2008	2.00	3024.45	77.73

Projects considered by commission

Depreciation for plant Commissioned before FY 2012

Sl. No	Name of Station	Division/Zone	Date of COD	Installed Capacity (MW)	Capital Cost (Rs. In Lakh)	Depreciation Amount @2.57% P.A. (Rs. In Lakh) for FY 2024-25
47	Deopani Ph-II	Eastern Zone	01-04-2004	0.75	290.1	7.46
48	Tah Ahfra Ph-I & Ph-II	Eastern Zone	01-04-2001	0.10	49.63	1.28
49	Echi Ahfra	Eastern Zone	01-04-2005	0.40	484.79	12.46
50	Awapani Ph-II	Eastern Zone	01-04-2005	0.50	714.46	18.36
51	Echito Nallah	Eastern Zone	01-04-2010	0.04	74.04	1.90
52	Rupapani	Eastern Zone	01-04-2010	0.04	74.65	1.92
53	Chu Nallah	Eastern Zone	01-04-2011	0.03	73.84	1.90
54	Mati Nallah	Eastern Zone	01-04-2004	0.50	598.56	15.38
55	Yapak Nallah	Eastern Zone	01-04-2005	0.20	317.71	8.17
56	Teepani	Eastern Zone	01-04-2009	0.50	675.47	17.36
57	KrawtiNallah	Eastern Zone	02-04-2011	0.10	119.07	3.06
58	Hathipani	Eastern Zone	01-04-2009	0.10	120.44	3.10
59	Tha Nallah	Eastern Zone	01-04-2009	0.10	122.99	3.16
60	Maipani	Eastern Zone	01-04-2010	0.06	98.14	2.52
61	Ashapani	Eastern Zone	01-04-2011	0.06	99.98	2.57
62	Langpani	Eastern Zone	01-04-2011	0.40	543.91	13.98
63	Tissue	Eastern Zone	01-04-1986	0.40	617	0.00
64	Jongkey Nallah	Eastern Zone	01-04-2011	0.03	144.5	3.71
65	Ngonalo at Vijaynagar	Eastern Zone	01-04-2010	0.10	408.45	10.50
66	Tinning	Eastern Zone	01-04-2010	0.06	99.98	2.57
67	Chicklong	Eastern Zone	02-04-2011	0.15	98.14	2.52
68	Sumhok Nallah	Eastern Zone	01-04-2009	0.10	198.9	5.11
69	Tahin Nallah	Eastern Zone	01-04-2011	0.10	222.98	5.73
Total				39.44	38946.10	985.06

Annexure - 5						
Projects considered by commission						
Depreciation for plant Commissioned after FY 2012						
Sl. No	Name of Station	Division/Zone	Date of COD	Installed Capacity (MW)	Capital Cost (Rs. In Lakh)	Depreciation Amount @4.67% P.A. (Rs. In Lakh) for FY 2024-25
1	Mago MHS	Western Zone	01-04-2014	0.10	140.44	6.56
2	Ayingmuri MHS	Western Zone	01-04-2012	0.25	175	8.17
3	Limeking MHS	Western Zone	01-04-2012	0.03	21	0.98
4	Mechuka	Eastern Zone	04-01-2015	0.40	113.022	5.28
5	Sirikorang MHS	Eastern Zone	01-04-2013	0.50	646.11	30.17
6	Awapani at Gepuline	Eastern Zone	01-04-2014	0.50	714.46	33.37
7	Dura Nallah	Eastern Zone	01-04-2013	0.50	404.87	18.91
8	Kachopani MHS	Eastern Zone	02-04-2014	0.20	393.33	18.37
9	Jigaon	Western Zone	01-04-2016	0.10	71.85	3.36
10	Zhongdongrong	Western Zone	01-04-2016	1.00	1406.44	65.68
Total				3.58	4086.52	190.84

Annexure - 6					
Projects not considered by commission					
Calculation of ROE the FY 2024-25					
Sl. No.	Name of Station	Division/Zone	Date of COD	Capital Cost IN (Lakhs)	RoE (Rs. In Lakh) for FY 2024-25
1	Kitpi Ph-I	Western Zone	01-04-1977	177.29	7.71
2	T. Gompa	Western Zone	01-04-2001	24.89	1.08
3	Challengkang Ph-I	Western Zone	01-04-2004	15.28	0.66
4	Rahung	Western Zone	01-04-1972	56.41	2.45
5	Dirang	Western Zone	01-04-1977	236.39	10.28
6	Saktangrong	Western Zone	01-04-2011	195.63	8.51
7	Rupa	Western Zone	01-04-1997	23.64	1.03
8	Dokumpani	Western Zone	01-04-2000	13.59	0.59
9	Seppa	Western Zone	01-04-1980	43.62	1.90
10	Pakke Kessang	Western Zone	01-04-2001	14.93	0.65
11	Patte MHS at Tali	Western Zone	01-04-2004	15.28	0.66

Annexure - 6					
Projects not considered by commission					
Calculation of ROE the FY 2024-25					
Sl. No.	Name of Station	Division/Zone	Date of COD	Capital Cost IN (Lakhs)	RoE (Rs. In Lakh) for FY 2024-25
12	Mai Ph-I	Western Zone	01-04-1977	321.86	14.00
13	Mai Ph-II	Western Zone	01-04-1982	160.93	7.00
14	Tago	Western Zone	01-04-1992	1415.95	61.59
15	Maro	Western Zone	01-04-2002	15.41	0.67
16	Dulom (Daporijo)	Western Zone	01-04-1981	60.77	2.64
17	Pagi (Basar)	Eastern Zone	01-04-1972	7.52	0.33
18	Along	Eastern Zone	01-04-2004	34.51	1.50
19	Ego-Echi (Dali)	Eastern Zone	01-04-1987	79.16	3.44
20	Yomcha	Eastern Zone	01-04-2001	24.89	1.08
21	Beye	Eastern Zone	01-04-2004	15.28	0.66
22	Yingkiong Ph-I	Eastern Zone	01-04-1980	21.81	0.95
23	Yingkiong Ph-II	Eastern Zone	01-04-1992	62.93	2.74
24	Sikut/ Tuting	Eastern Zone	01-04-1984	16.73	0.73
25	Selli at Geku	Eastern Zone	01-04-1994	183.60	7.99
26	Pasighat	Eastern Zone	02-04-1972	16.99	0.74
27	Silli	Eastern Zone	25-10-2001	14.93	0.65
28	Yembung	Eastern Zone	01-04-1984	734.40	31.95
29	Deopani Ph-I	Eastern Zone	01-04-1986	141.99	6.18
30	Abhapani	Eastern Zone	01-04-1983	165.24	7.19
31	Anini/ Awapani Ph-I	Eastern Zone	01-04-1984	55.08	2.40
32	Chini Afra	Eastern Zone	01-04-2001	124.44	5.41
33	Tafragram	Eastern Zone	01-04-1984	41.81	1.82
34	Kaho	Eastern Zone	01-04-2004	5.09	0.22
35	Kebitho	Eastern Zone	01-04-2004	15.28	0.66
36	Thiratju	Eastern Zone	01-04-1977	119.91	5.22
37	Charju	Eastern Zone	04-04-1984	100.36	4.37
Total =====>				4773.80	207.66

Annexure - 7					
Projects considered by commission					
ROE for FY 2024-25					
Sl. No.	Name of Station	Division/Zone	COD	Capital Cost (Rs. In Lakh)	RoE (Rs. In Lakh) for FY 2024-25
1	Nuranang	Western Zone	01-04-1996	985.00	42.85
2	Bramdhongchung	Western Zone	01-04-2008	105.30	4.58

Annexure - 7

Projects considered by commission

ROE for FY 2024-25

Sl. No.	Name of Station	Division/Zone	COD	Capital Cost (Rs. In Lakh)	RoE (Rs. In Lakh) for FY 2024-25
3	Shakti Nallah	Western Zone	01-04-2008	109.32	4.76
4	Kitpi MHS Ph-II	Western Zone	01-04-2008	3373.83	146.76
5	Challengkang Ph-II	Western Zone	01-04-2008	54.94	2.39
6	Bongleng	Western Zone	01-04-2009	114.27	4.97
7	Thimbu	Western Zone	01-04-2009	126.91	5.52
8	Bramdhongchung Ph-II	Western Zone	01-04-2010	134.71	5.86
9	Tsechu Nallah	Western Zone	01-04-2010	157.75	6.86
10	Sessa	Western Zone	01-04-1992	131.00	5.70
11	Domkhong	Western Zone	01-04-2008	2845.77	123.79
12	Sinchung	Western Zone	01-04-2008	54.48	2.37
13	Ankaling	Western Zone	01-04-2009	66.35	2.89
14	Khet	Western Zone	01-04-2009	144.27	6.28
15	Dikshi	Western Zone	01-04-2010	56.86	2.47
16	Khadiyabey	Western Zone	01-04-2011	282.91	12.31
17	Pacha MHS	Western Zone	01-04-2008	3992.80	173.69
18	Pakoti	Western Zone	01-04-2010	138.37	6.02
19	Patta Nallah	Western Zone	01-04-2010	140.80	6.12
20	Watte Mame	Western Zone	01-04-2010	145.50	6.33
21	Kade Nallah	Western Zone	01-04-2010	95.09	4.14
22	Koye	Western Zone	01-04-2009	98.00	4.26
23	Chambang	Western Zone	01-04-2009	109.55	4.77
24	Paya MHS at Hiya	Western Zone	01-04-2011	237.93	10.35
25	Sippi	Western Zone	01-04-2008	3832.92	166.73
26	Pinto Karo MHS	Western Zone	01-04-2011	83.11	3.62
27	Sikin Karo	Western Zone	01-04-2011	387.61	16.86
28	Sinyum Koro	Western Zone	01-04-2011	197.06	8.57
29	Kojin Nallah	Western Zone	01-04-2011	184.35	8.02
30	Kambang	Eastern Zone	01-04-2010	3832.92	166.73
31	Liromoba	Eastern Zone	01-04-2008	3073.73	133.71
32	Yingko Sikong at Rapum	Eastern Zone	01-04-2009	40.14	1.75
33	Angu	Eastern Zone	01-04-2010	39.46	1.72
34	Solegomang MHS	Eastern Zone	40634	88.83	3.86
35	Sirnyuk	Eastern Zone	01-04-1996	2464.32	107.20
36	Kopu at Tuting	Eastern Zone	01-04-2004	259.60	11.29
37	Silingri	Eastern Zone	01-04-2008	101.68	4.42
38	Singa	Eastern Zone	01-04-2008	122.98	5.35

Annexure - 7

Projects considered by commission

ROE for FY 2024-25

Sl. No.	Name of Station	Division/Zone	COD	Capital Cost (Rs. In Lakh)	RoE (Rs. In Lakh) for FY 2024-25
39	Ngaming	Eastern Zone	01-04-2008	103.04	4.48
40	Sika	Eastern Zone	01-04-2010	50.00	2.18
41	Mayung	Eastern Zone	01-04-2011	22.22	0.97
42	Gosang	Eastern Zone	01-04-2011	826.00	35.93
43	Kote MHS	Eastern Zone	01-04-2011	96.70	4.21
44	Sijen MHS at Adi pasi	Eastern Zone	01-04-2011	91.41	3.98
45	Pyabung MHS	Eastern Zone	01-04-2011	74.13	3.22
46	Rina	Eastern Zone	01-04-2008	3024.45	131.56
47	Deopani Ph-II	Eastern Zone	01-04-2004	290.10	12.62
48	Tah Ahfra Ph-I & Ph-II	Eastern Zone	01-04-2001	49.63	2.16
49	Echi Ahfra	Eastern Zone	01-04-2005	484.79	21.09
50	Awapani Ph-II	Eastern Zone	01-04-2005	714.46	31.08
51	Echito Nallah	Eastern Zone	01-04-2010	74.04	3.22
52	Rupapani	Eastern Zone	01-04-2010	74.65	3.25
53	Chu Nallah	Eastern Zone	01-04-2011	73.84	3.21
54	Mati Nallah	Eastern Zone	01-04-2004	598.56	26.04
55	Yapak Nallah	Eastern Zone	01-04-2005	317.71	13.82
56	Teepani	Eastern Zone	01-04-2009	675.47	29.38
57	KrawtiNallah	Eastern Zone	02-04-2011	119.07	5.18
58	Hathipani	Eastern Zone	01-04-2009	120.44	5.24
59	Tha Nallah	Eastern Zone	01-04-2009	122.99	5.35
60	Maipani	Eastern Zone	01-04-2010	98.14	4.27
61	Ashapani	Eastern Zone	01-04-2011	99.98	4.35
62	Langpani	Eastern Zone	01-04-2011	543.91	23.66
63	Tissue	Eastern Zone	01-04-1986	617.00	26.84
64	Jongkey Nallah	Eastern Zone	01-04-2011	144.50	6.29
65	Ngonalo at Vijaynagar	Eastern Zone	01-04-2010	408.45	17.77
66	Tinning	Eastern Zone	01-04-2010	99.98	4.35
67	Chicklong	Eastern Zone	02-04-2011	98.14	4.27
68	Sumhok Nallah	Eastern Zone	01-04-2009	198.90	8.65
69	Tahin Nallah	Eastern Zone	01-04-2011	222.98	9.70
70	Mago MHS	Western Zone	01-04-2014	140.44	6.11
71	Ayingmuri MHS	Western Zone	01-04-2012	175.00	7.61
72	Limeking MHS	Western Zone	01-04-2012	21.00	0.91
73	Mechuka	Eastern Zone	04-01-2015	113.02	4.92
74	Sirikorang MHS	Eastern Zone	01-04-2013	646.11	28.11
75	Awapani at Gepuline	Eastern Zone	01-04-2014	714.46	31.08

Annexure - 7					
Projects considered by commission					
ROE for FY 2024-25					
Sl. No.	Name of Station	Division/Zone	COD	Capital Cost (Rs. In Lakh)	RoE (Rs. In Lakh) for FY 2024-25
76	Dura Nallah	Eastern Zone	01-04-2013	404.87	17.61
77	Kachopani MHS	Eastern Zone	02-04-2014	393.33	17.11
78	Jigaon	Western Zone	01-04-2016	71.85	3.13
79	Zhongdongrong	Western Zone	01-04-2016	1406.44	61.18
Sub Total =====>				13620.94	1871.92
Total				43032.62	2079.58

Annexure - 8				
Projects considered by commission				
O&M Cost for FY 2024-25				
Sl. No.	Name of Station	Division/Zone	Installed Capacity (MW)	O & M COST for FY 2024-25 (Rs. In Lakh)
1	Challengkang Ph-II	Western Zone	0.03	1.60
2	Shakti Nallah	Western Zone	0.10	5.32
3	Thimbu	Western Zone	0.10	5.32
4	Khet	Western Zone	0.10	5.32
5	Tsechu Nallah	Western Zone	0.10	5.32
6	Mago MHS	Western Zone	0.10	5.32
7	Nuranang	Western Zone	6.00	239.46
8	Kitpi MHS Ph-II	Western Zone	3.00	159.67
9	Bongleng	Western Zone	0.10	5.32
10	Bramdhongchung	Western Zone	0.10	5.32
11	Bramdhongchung Ph-II	Western Zone	0.10	5.32
12	Zhongdongrong	Western Zone	1.00	53.23
13	Sessa	Western Zone	1.50	79.84
14	Domkhrong	Western Zone	1.00	106.44
15	Sinchung	Western Zone	0.03	2.66
16	Ankaling	Western Zone	0.03	1.60
17	Dikshi	Western Zone	0.06	1.60
18	Khadiyabey	Western Zone	0.20	10.65
19	Jigaon	Western Zone	0.10	5.32
20	Pacha MHS	Western Zone	3.00	159.67
21	Pakoti	Western Zone	0.1	5.32
22	Patta Nallah	Western Zone	0.1	5.32

Annexure - 8

Projects considered by commission

O&M Cost for FY 2024-25

Sl. No.	Name of Station	Division/Zone	Installed Capacity (MW)	O & M COST for FY 2024-25 (Rs. In Lakh)
23	Watte Mame	Western Zone	0.05	2.66
24	Kade Nallah	Western Zone	0.05	2.66
25	Koye	Western Zone	0.05	2.66
26	Paya MHS at Hiya	Western Zone	0.1	5.32
27	Chambang	Western Zone	0.03	1.60
28	Sippi	Western Zone	4.00	212.90
29	Pinto Karo MHS	Western Zone	0.025	1.60
30	Sikin Karo	Western Zone	0.20	10.65
31	Sinyum Koro	Western Zone	0.10	5.32
32	Ayingmuri MHS	Western Zone	0.25	13.31
33	Limeking MHS	Western Zone	0.03	1.60
34	Kojin Nallah	Western Zone	0.10	5.32
35	Mechuka	Easter Zone	0.40	7.99
36	Kambang	Easter Zone	6.00	239.46
37	Liromoba	Easter Zone	2.00	106.44
38	Yingko Sikong at Rapum	Easter Zone	0.05	2.66
39	Angu	Easter Zone	0.05	2.66
40	Solegomang MHS	Easter Zone	0.05	2.66
41	Sirikorang MHS	Easter Zone	0.50	26.61
42	Sirnyuk	Easter Zone	2.00	106.44
43	Kopu at Tuting	Easter Zone	0.25	13.31
44	Silingri	Easter Zone	0.05	2.66
45	Singa	Easter Zone	0.03	1.60
46	Ngaming	Easter Zone	0.05	2.66
47	Sika	Easter Zone	0.015	1.06
48	Mayung	Easter Zone	0.005	0.26
49	Gosang	Easter Zone	0.5	26.61
50	Kote MHS	Easter Zone	0.05	2.66
51	Sijen MHS at Adi pasi	Easter Zone	0.05	2.66
52	Pyabung MHS	Easter Zone	0.025	1.60
53	Rina	Easter Zone	2	106.44
54	Deopani Ph-II	Easter Zone	0.75	39.92
55	Awapani Ph-II	Easter Zone	0.5	26.61
56	Awapani at Gepuline	Easter Zone	0.5	26.61
57	Tah Ahfra Ph-I & Ph-II	Easter Zone	0.1	2.78

Annexure - 8

Projects considered by commission

O&M Cost for FY 2024-25

Sl. No.	Name of Station	Division/Zone	Installed Capacity (MW)	O & M COST for FY 2024-25 (Rs. In Lakh)
58	Echi Ahfra	Easter Zone	0.4	21.28
59	Echito Nallah	Easter Zone	0.04	2.13
60	Rupapani	Easter Zone	0.04	2.13
61	Chu Nallah	Easter Zone	0.03	1.60
62	Doorah Nallah	Easter Zone	0.5	26.61
63	Tissue	Easter Zone	0.4	21.28
64	Jongkey Nallah	Easter Zone	0.05	1.34
65	Ngonalo at Vijaynagar	Easter Zone	0.1	5.32
66	Tinning	Easter Zone	0.05	3.19
67	Chicklong	Easter Zone	0.15	7.99
68	Sumhok Nallah	Easter Zone	0.1	5.32
69	Tahin Nallah	Easter Zone	0.1	5.32
70	Mati Nallah	Easter Zone	0.55	26.61
71	Yapak Nallah	Easter Zone	0.2	10.65
72	Teepani	Easter Zone	0.5	26.61
73	Krawti Nallah	Easter Zone	0.1	5.32
74	Hathipani	Easter Zone	0.1	5.32
75	Tah Nallah	Easter Zone	0.1	5.32
76	Maipani	Easter Zone	0.06	3.19
77	Ashapani	Easter Zone	0.06	3.19
78	Langpani	Easter Zone	0.4	21.28
79	Kachopani MHS	Easter Zone	0.2	10.65
80	Kitpi Ph-I	Western Zone	1.50	79.84
81	T. Gompa	Western Zone	0.05	2.66
82	Challengkang Ph-I	Western Zone	0.03	1.60
83	Rahung	Western Zone	0.75	39.92
84	Dirang	Western Zone	2.00	106.44
85	Saktangrong	Western Zone	0.30	15.97
86	Rupa	Western Zone	0.20	10.65
87	Dokumpani	Western Zone	0.03	1.60
88	Seppa	Western Zone	0.30	15.97
89	Pakke Kessang	Western Zone	0.03	1.60
90	Patte MHS at Tali	Western Zone	0.03	1.60
91	Mai Ph-I	Western Zone	2.00	106.44

Annexure - 8				
Projects considered by commission				
O&M Cost for FY 2024-25				
Sl. No.	Name of Station	Division/Zone	Installed Capacity (MW)	O & M COST for FY 2024-25 (Rs. In Lakh)
92	Mai Ph-II	Western Zone	1.00	53.23
93	Tago	Western Zone	4.50	239.51
94	Maro	Western Zone	0.03	1.60
95	Dulom (Daporijo)	Western Zone	0.40	21.28
96	Pagi (Basar)	Eastern Zone	0.10	5.32
97	Along	Eastern Zone	0.30	21.28
98	Ego-Echi (Dali)	Eastern Zone	0.40	21.28
99	Yomcha	Eastern Zone	0.05	2.66
100	Beye	Eastern Zone	0.03	1.60
101	Yingkiong Ph-I	Eastern Zone	0.15	7.99
102	Yingkiong Ph-II	Eastern Zone	0.20	10.65
103	Sikut/ Tuting	Eastern Zone	0.10	5.32
104	Selli at Geku	Eastern Zone	0.50	26.61
105	Pasighat	Eastern Zone	0.20	10.65
106	Silli	Eastern Zone	0.03	1.60
107	Yembung	Eastern Zone	2.00	106.44
108	Deopani Ph-I	Eastern Zone	0.75	39.92
109	Abhapani	Eastern Zone	0.45	23.96
110	Anini/ Awapani Ph-I	Eastern Zone	0.15	7.99
111	Chini Afra	Eastern Zone	0.25	13.31
112	Tafragram	Eastern Zone	0.25	13.31
113	Kaho	Eastern Zone	0.01	0.53
114	Kebitho	Eastern Zone	0.03	1.60
115	Thiratju	Eastern Zone	1.00	53.23
116	Charju	Eastern Zone	0.60	31.93
	TOTAL AMOUNT		62.79	3221.61



RE 2021-22

Annexure 9

Name of the Department: Hydro Power

Sl No	Projects/ Schemes	Estimated cost	(Rs. in lakh)	
			BE, 2021-22	RE, 2021-22
1	2	3	4	5
I. Normal Plan Activities				
A On-going				
(i) Hydel Generation				
1	Babung MHS (2 x 25 kW) at Bengde	227.00	157.00	157.00
2	Kush MHS at Sangram (2 x 1000 kW)	4883.20	461.00	461.00
3	Fure MHP at Damin (1 x 50 Kw)	370.20	50.00	50.00
4	Parlo MHP at Parsiparlo (2 x 250 kW)	1124.81	46.49	46.49
5	Pagu MHS under Palin Circle (2 x 1000 Kw)	3277.70	183.42	183.42
6	C/o Pange Small Hydel Project (2X1000 KW) near Hakhe Tari	3242.21	404.00	404.00
7	Palin MHS at Palin Village in East Kameng(3X50KW)	680.07	130.00	130.00
8	C/o Mini hydel Project at Watter Nallah-30KW at Sipliya	248.63	98.63	98.63
9	Extension of RCC Spillway 650 mtr of Kush MHP(2X1000 KW) at Sangram	251.80	50.00	50.00
10	C/O 30 mtr Bailly Bridge over Kush River on Approach Road to Power House from Sangram side at Kush MHS (2X1000KW)	289.00	60.00	60.00
Total (i)		14594.62	1640.54	1640.54
(ii) Hydel Improvement				
1	Special repair & maintenance of Damaged Unit - III of Nuranang SHP Ph-I (3 x 2000 kW)	361.38	26.38	26.38
2	Renovation & Modernization work of Sessa MHS (3 x 500 kW)	1807.41	471.31	471.31
3	Complete replacement of old turbine and generator set of Unit-III of Rahung Hydel Station (3x250 kW) and improvement of switchyard and external protection system	95.00	20.00	20.00
4	Special repair of Angkaling MHS (1 x 30 kW)	75.00	20.00	20.00
5	Special repair of Dokumpani MHS (1 x 30 kW)	45.00	20.00	20.00
6	Derating of Khadi Yabey MHS to 2X50KW	219.00	95.00	95.00
7	R&M of Pacha SHP (2x1500 kW)(SH: Civil Works & EM Works)	410.00	85.00	85.00
8	Reconstruction of flood damage of Power Channel of Pacha SHP (2 x 1500 kW) (SH: Length of Power Channel = 47.0 mtr., Aquaduct = 1 No. of span 15.0 mtr with abutment & length Retaining wall = 85.0 Mtr. with 4.5 mtr. depth)	238.16	50.00	50.00
9	Special Repair and Renovation of Kade Nallah MHS (1X50KW)	50.00	12.00	12.00
10	Special Repair and Maintenance of Patta MHS (2X50KW)	85.00	15.00	15.00
11	Augmentation of Pakke Kessang MHS (30 KW) to 100 kW (procurement of new TG 2x50 kW) sets with its control panel and protection panel, board and C/o 0.415/1.1 kv step up sub-station.	75.00	25.00	25.00
12	Re-construction of rain damaged water conductor structures of Payu MHS (2 x 250 kW) at Pinchi (SH: Length Weir = 12.0 mtr., Feeder Channel = 35.0 mtr., Power Channel = 50.0 mtr & Retaining Wall = 105.0 mtr.)	152.32	77.32	77.32
13	Special repair of Chate MHS (1 x 30 kW) (SH)	79.37	75.00	75.00
14	R & M of Yembung SHP (4X100KW)	718.96	64.00	64.00
15	Repair, replacement & refurbishment of damaged EM equipments of Angong Nallah MHS	200.00	36.00	36.00
16	Special repair of E&M equipments of Pasighat MHS (2 x 100 kW)	30.00	15.00	15.00
17	Special repair of Electro-Mechanical equipments of Kamba SHEP (3 x 2 MW) including replacement of all worn out equipments like CT, PT, IA and insulators etc. and Installation of New Electronic Governor for Unit-I.	24.00	12.00	12.00
Total (ii)		4665.60	1119.01	1119.01
(iii) Buildings				
1	C/o HT/SPT Residential Building for staff of Lhou Division (SH- T-V/1 No., T-IV/2 Nos., T-III/3 Nos., T-II/7 Nos., T-I/3 Nos. & B/Barrack- 10 Units)	147.12	14.37	14.37
2	C/o Office Building of Jang Civil Sub-Division at Jang	66.50	51.50	51.50
3	C/o Residential building for staff quarter under Lumla Civil Sub-Division (T-III/1 No. & T-II/1 No.)	60.00	47.24	47.24
4	C/o Second Floor on Govt. Accommodation for (DHP) at Itanagar (SH: T-IV/2 Nos., T-III/2 Nos., T-II/2 Nos. & T-I/2 Nos.)	191.28	100.00	100.00

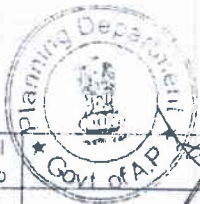


Sl No	Projects/ Schemes	(Rs. in lakh)		
		Estimated cost	BE, 2021-22	RE, 2021-22
1	2	3	4	5
5	C/o Boundary wall cum protection Wall at Hydro Power Office complex, Itanagar, Chainage between Culvert point to 47.95 m (SH: RCC river training wall and RCC protection cum boundary wall)	55.61	25.00	25.00
6	C/o RCC Boundary wall around Civil & EM Division office/Residential Hydro Power Complex at Manpoliang	132.00	45.00	45.00
7	C/o SE's Office Building Cum Residential buildings for newly shifted Subansiri Basin to Ziro (SH: Office Bldg. 1 No. T-V/1 No., T-III/2 Nos., T-III/4 Nos. & Bachelor Barrack - 5 Units)	300.00	57.83	57.83
8	C/o Security fencing around Power House of Sippi SHIP	50.00	20.00	20.00
9	C/o Office Building for AE (E&M), Daporijo EM Sub Division, DHPD	46.00	26.00	26.00
10	C/o Residential Building for Civil Division staffs at Koloniang (T-IV-2 nos., T-III-3 nos & Bachelor Barrack 5 Men)	131.85	49.86	49.86
11	C/o Staff Quarter for JF at Tali (SH: T-III/1 No.)	35.00	10.00	10.00
12	C/o Office Building for AE at Palin	30.00	20.00	20.00
13	C/O Office Building for EE Bomdila -II	100.35	35.00	35.00
14	C/O RCC Office Building at Khonsa EM Sub-Divn	50.00	24.17	24.17
	Total (iii)	1395.72	525.97	525.97
(iv) Survey & Investigation				
1	Survey & Investigation of MHP at Passa river (Ph-II) at Passa Valley Circle	10.00	2.00	2.00
2	Survey & Investigation over Takesidang River at Ruhi Village under Tali ADC Hq.	6.00	2.00	2.00
3	S&I of Pemashulfu MHS (3 x 250 kW) near Mechuka	6.00	1.00	1.00
4	S&I Pibung MHS (2 x 250 kW) over Pibung river at Tumbin	6.00	2.00	2.00
	Total (iv)	28.00	7.00	7.00
(v) Maintenance of Assets				
1	Hydel Stations Buildings/Petty Works etc Restoration / Improvement of Assets after proper site inspection on case to case basis by competent authority	800.00	800.00	800.00
2	Logistic support for strengthening of the Chief Engineer (P&I) Establishment (SH: Design Tools & Equipment, Drawing Tools & Equipment, Training Equipment / Accessories, Exposure Technical Tour within the Country and Abroad etc.)	200.00	100.00	75.00
3	Clearance of pending liabilities against various hydel stations restored after damages under Chief Engineer (E.Z)	100.00		100.00
	Total (v)	1100.00	900.00	975.00
	Total (A)	21783.94	4192.52	4267.52
B New Scheme				
(i) Hydel Improvement				
1	Special Repair & Maintenance of Pasighat MHS(2X100 KW) (SH: Approach Road to Intake Point Chainage 2150 to 2530 mtr)	100.00	100.00	100.00
2	RCC Lining of Forebay Tank of Nuranang Ph-I SHP (3X2MW) at Tawang	66.58	20.00	20.00
3	FDR of Rina SHP (2X1000 kw)	69.80	39.00	39.00
4	Improvement of Krawti Nallah MHS 2x50 kw (SH: Installation of New 100KW Francis Turbine, Generator, Electronic Governor, Panel Board, Sub-Station etc)	150.00	30.00	30.00
5	Special repair & Maintenance of Aalo MHS (3X100 KW) (SH: Replacement of Electronic Governor, Installation of new AVR Panel for Unit-I and Restoration of Intake Chamber, Trash Rack etc)	20.00	10.00	10.00
6	Augmentation of Tato MHS (2X50KW+2X20KW) (SH:Civil &EM- Works)	70.00	24.00	24.00
7	Special Repair of Mechuka MHS (SH: Protection of Power Channel, Repairing of old TG Set and Panel Board)	50.00	10.00	10.00
8	Providing of Circuit Breaker at Yapak Nallah MHS (2x100KW)	20.00	10.00	10.00
9	Major Renovation of Sikut MHS (2X50KW) (SH: Replacement of TG-Sets, Panel Board etc & Repairing of Power Channel & Reconstruction of Machine Foundation)	150.00	30.00	30.00
10	Special repair & Maintenance of EM & Civil Component of Sirnyuk SHP (2X1000 KW)	40.00	10.00	10.00
11	Repairing of Intake -Weir & Damaged Power Channel of Gossang SHP(2X250 KW)	30.00	6.00	6.00
12	Special Repair of Yingkong Ph-I MHS (3X50KW)	20.00	4.00	4.00



(Rs. in lakh)

Sl No	Projects/ Schemes	Estimated cost	BE, 2021-22	RE, 2021-22
1	2	3	4	5
13	Replacement of Penstock Pipes (600mm) and Sluice Valve (600mm) of Tafragram MHS (1X250 KW)	30.00	30.00	30.00
14	Restoration of Power Channel of Doora Nallah MHS (3X100 KW+2x50 KW)	20.00	20.00	20.00
15	Providing of 11KV Vacuum Circuit Breakers at MatiNallah SHP (2X250 KW)	20.00	10.00	10.00
16	R&M of Rupapani MHS (2X20KW) at Punli	10.00	10.00	10.00
17	R & M of Awapani MHS (2X250 KW) at Gepuline	30.00	10.00	10.00
18	Restoration & Upgradation of Tinning MHS (2X25KW) to 2x50 KW	100.00	20.00	20.00
19	Complete replacement of Panel Incoming , Outgoing Controlling /Synchronization of Panel of Thirathju MHS (4X250KW)	20.00	20.00	20.00
20	Special Repair of Governing System and OPU of Kitpi Ph-II (2X1500KW)	83.00	17.00	17.00
21	Special Repair and Maintenance of Weir & Intake of Kilpi-Ph-II SHP (2X1500 KW)	90.00	18.00	18.00
22	Repairing of Authomation Ssteme of Shakangchu SHP(3X2MW)	28.00	6.00	6.00
23	Special Repair of Dirang SHP (4X500KW)	20.00	7.00	7.00
24	Reconstruction of Power Channel of Zhangdongrong SHP (2X500 KW)	20.00	6.00	6.00
25	Improvement of Jigaon Hydel Station (2x50KW)	15.00	5.00	5.00
26	Special Repair of Mai Ph-II (2X500 KW) (SH: Power House & FM Equipment)	255.00	51.00	51.00
27	Extension and Strengthening of Spillway Channel and Forebay Tank of Dulom MHP (2X200 KW) at	25.00	6.00	6.00
28	RMO Tago, Mai-Ph-I, Ph-II and Daporijo	84.85	20.00	20.00
29	Protection work of Forebay Tank of Shakti Hydel Station (2x50KW)	12.00	4.00	4.00
30	Protection Wall at Kamba SHP (3X2000KW)	34.78	10.00	10.00
31	Interconnection of Generating Stations Tissue MHS Ph-I (4X100KW) to Tissue MHS Ph-II (2X250 KW)Phase-I	100.00	20.00	20.00
32	Renovation of Weir & Intake and Protection Work of Damaged Channel & Spillway of Siru SHEP(3X2MW) i/c procurement of Battery Charger ,110V DC 500 AH Battery Bank/63 KVA DG Set etc	90.00	40.00	40.00
33	Restoration of Iromoba MHS (2X1000KW) (SH: C/O/Cover Slab at sensitive slide Zone)	20.00	20.00	20.00
34	Restoration of Dali MHS(4X100kw) (SH : C/O Slab Cover at Sensitive Slide Zone from Hill Side)	20.00	20.00	20.00
35	Up Keeping of Kopu MHS (2X250KW)	50.00	10.00	10.00
36	Special Repair of Kacho Pani MHS (2X100KW) (SH: Spillway Channel for length of 18mtr through HDPE Pipe & Protection Work for length of 7mtr	10.00	10.00	10.00
37	R&M of Chu Nallah MHS(2X15KW) at Mipi	10.00	10.00	10.00
38	R&M of Echito Nallah MHS(2X20KW) at Damben	10.00	10.00	10.00
39	Installation of Hydraulic BFV-System at Pasighat MHS(2X100KW) i/c major Repair in vertical Francis Turbine	30.00	15.00	15.00
40	Special Repair Rina SHEP (2X1000) (SH: Protection of Diversion Weir, Repairing of Intake Gate , Desilting Tank & Sluice Valve etc	100.00	36.00	36.00
41	Special Repair of Selli MHS (1X30 KW) (sh: Protection of Power Chcnnel & Overhauling of TG Sets	15.83	15.83	15.83
Additional				
42	C/o Shyaro SHP (2X1500KW) at Tawang (EC: Rs. 5136.85 lakh)	5136.85	0.00	500.00
43	C/o wall and drain under Lumla sub-division, Tawang District.	40.00		16.00
44	C/o Infrastructure development of newly created Dibang Basin Circle, Pasighat, East Siang District	90.00		36.00
45	Re-rating of Kilpi Ph-I MHS from 3 x 500 kW to 2 x 750 Kw in Tawang District	1328.29	0.00	40.00
46	R & M of Pacha SHP (2 x 1500 kW) (SH : Civil Works & EM works)	410.00	0.00	42.00
47	Re-construction of Weir of Rapo Hydro Power Project (2 x 100 kW) at Jayang Bagang Village	45.78	0.00	45.78
48	C/o Restoration of Flood Damaged work of Taksing MHS over Esmi Nallah MHP at Taksing (2 x 50 KW) (SH: Power Channel and Weir Intake	34.35	0.00	34.35
49	Special repair of Esmi Nallah MHS (2 x 50 kW) at Taksing (SH: Extension of Tailrace Channel and Spillway Channel with Penstock pipe)	32.82	0.00	32.82
50	Renovation & Modernization of Paya MHS (2 x 50 kW) at Hiya Village	105.00	0.00	105.00



Sl No	Projects/ Schemes	(Rs. in lakh)		
		Estimated cost	BE, 2021-22	RE, 2021-22
1	2	3	4	5
51	Special Repair of Yambung SHP (4 x 500 kW) (SH: Repairing of Unit-III)	30.00	0.00	30.00
52	Repair / replacement of Penstock pipe of Liromoba SHP (2 x 1000 kW)	80.00	0.00	30.00
53	Protection Wall at Kamba SHP (3 x 2000 kW)	34.78	0.00	10.00
54	Augmentation of Tato MHS (2x50kW+2x20kW) (SH: Civil & EM Works)	70.00	0.00	20.00
55	Special repair and maintenance of TG set and control Panel of Solegomang MHS (1 x 50 kW)	15.00	0.00	15.00
56	Special repair and maintenance of Civil components of Sirikorong MHS MHS (2 x 250 kW)	25.00	0.00	10.00
57	Upkeeping (Upgradation) of Kopu MHS (2 x 250 kW) (SH: Civil & EM)	50.00	0.00	10.00
58	Special repair of Yingkiang Ph-I MHS (3 x 50 kW)	20.00	0.00	3.00
59	Replacement of Penstock pipe & anchor block of Awapani MHS (2 x 250 kW) at Alinye in Dibang Valley District.	60.00	0.00	42.00
60	Installation of Hydraulic BFV system at Pasighat MHS (2 x 100 kW) i/c major repair in vertical francis turbine	30.00	0.00	15.00
61	Providing 11 kV Vaccum Circuit Breaker at Mati Nallah MHS (2 x 250 kW)	20.00	0.00	10.00
62	Providing of Circuit Breaker at Yapak Nallah MHS (2 x 100 kW)	20.00	0.00	10.00
63	Installation of compact Sub-station controlling system including metering unit (indoor type) at Namchik Ph-I	15.00	0.00	15.00
64	Renovation of Charju MHS (3 x 200 kW)	176.56	0.00	35.00
65	Renovation of Tirathju MHS (4 x 250 kW)	134.61	0.00	30.00
66	Gar Nallah MHS, Anini Dibang Valley	10.50		10.50
67	Kahi pani MHS, Anini Dibang valley	11.61		11.61
68	Ano SHP, Etalin, Anini Dibang Valley	10.00		10.00
69	C/o Taskang Chu SHP (2x1.7) MW at Tawang	400.00		400.00
70	Special repair of Langpani MHS (2x200 KW) (SH: Penstock Pipe, Anchor Block, Saddle Block, Spill way and power channel)	33.59		33.59
71	Special repair maintenace of Hydel stations Sippi SHP, Sunyun Koro, Pinto Koro	50.00		25.00
72	Restoration works for flood damaged structures, repair & re-constuction of Payu MHS (2x500) KW at Koloriang	150.00		150.00
73	Overhauling of Turbines at Tisu MHS (4 X 100) KV at Changlang	200.00		100.00
74	C/o Security fencing at Tissue Phase-II (2 x 250 KW) (Shifted from Power department)	30.00		15.00
75	Repairing and Caliberation of VCB at Tissue Phase-II (2 x 250 KW) (Shifted from Power department)	35.00		17.50
76	Complete renovation of Sirikorong MHS (2 x 250 KW) PH-1 unit 2 (Shifted from Power department)	50.00		25.00
77	Revival of 2 units of Tato MHS and repair of civil components (Shifted from Power department)	27.00		27.00
78	Restoration of road from BRTF road to IB road , Toto (Shifted from Power department)	50.00	0.00	50.00
79	R&R of switch gear machine of pacha Hydel, Seppa (Shifted from Power department)	25.00	0.00	25.00
	Total (i)	11226.59	769.83	2806.98
(ii)	Building New			
1	C/O Division office for newly shifted Mechuka Hydro Power Division	100.00	20.00	20.00
2	C/O Residential Building T-III -1 no , T-II -1no for Newly created Palin Sub Division DHPD	50.00	15.00	15.00
3	Approach Road to Lumla-Sub Division Office	45.00	10.00	10.00
4	Providing 3-Ph-Power Supply to SE Office & Residential Building Hydro Power at Pasighat	25.00	10.00	10.00
5	Water Supply for Newly created Lower Siang & Dibang Basin Circle Office, Pasighat & Residential Complex of SE Office Staffs at GTC Pasighat SH: C/O Drilling Bore Well with Over Head Tank Supply of Pump)	26.00	26.00	26.00
6	C/O Residential Quarter y shifted Mechuka HP Division at Mechuka (SH:T-IV-1NO o)for newl T-III -1 no , T-II -1no for Newly created Palin Sub Division DHPD	40.00	20.00	20.00
7	C/O Boundary wall of Residential Complex of SE Office Staffs at Pasighat, East Siang District	70.00	26.65	26.65
	Additional			



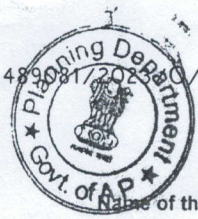
(Rs. in lakh)				
Sl No	Projects/ Schemes	Estimated cost	BE, 2021-22	RE, 2021-22
1	2	3	4	5
8	Providing 3 Ph power supply to the SE office building and residential premises.	25.00	0.00	15.00
9	C/o road from BRTF road to Hydro Power Division office building Syi Nyoriang Koloriang	50.00		25.00
10	Development of Road from Circuit House to Tourist Lodge at Hunli	100.00		50.00
11	C/o Rural Link Road at Aara Camp	50.00		50.00
	Total (ii)	581.00	127.65	267.65
(iii) SH: Survey & Investigation				
1	Survey & Investigation of Thigthi SHP (2X1500 KW) near Thigthi	15.00	8.00	8.00
2	Survey & Investigation of Tato-II MHS (2X50 KW)	5.00	2.00	2.00
	Total (iii)	20.00	10.00	10.00
(iv) SH : Flood Damaged Report				
1	FDR of Shaikangchu Hydel Station (3 x 200 kW) at Gongkhar	549.15	0.00	100.00
2	C/o Restoration of Flood Damaged work of Sippi SHP (2 x 2000 kW) (SH Power Channel 87.0 mtr.)	105.87	0.00	105.00
3	FDR of Subbung SHP (2 x 1500 kW)	489.00	0.00	150.00
4	FDR of Liromoba MHS (2 x 1000 kW)	60.00	0.00	60.00
5	Grid interactive arrangement of Kamba SHP (3 x 2000 kW)	27.13	0.00	27.13
6	FDR of Sirnyuk MHS (2 x 1000 kW)	250.00	0.00	250.00
	Total (iv)	1481.15	0.00	692.13
	Total (B)	13308.74	907.48	3776.76
	Total (I)	35092.68	5100.00	8044.28
II SIDF				
1	C/o boundary wall i/c protection wall for EE qtr Hydro power Hawai, in Anjaw District.	20.00	0.00	20.00
2	Side drain and CC wall at Kuklek area at Sika Bamin village, in East Siang District	20.00	0.00	20.00
3	C/o retaining wall at Moyu road in Tawang District	25.00	0.00	25.00
4	Providing protection wall at Dukumpani Hydel Station in West Kameng District.	25.00	0.00	25.00
5	C/o Community Hall at Maronli village, in Dibang Valley (Anini) District.	30.00	0.00	30.00
6	Repairing and maintenance of approach road to power house of Jigaon Hydel Station, in West Kameng District.	40.00	0.00	40.00
7	Repairing and maintenance of switchyard of 2.5 MVA, sub-station at Domkhorong Hydel, in West Kameng District.	40.00	0.00	40.00
8	C/o Community Hall at Anelih village, in Dibang Valley (Anini) District.	40.00	0.00	40.00
9	Repairing and maintenance of approach road to power house Domkhorong hydel station, in West Kameng District.	45.00	0.00	22.50
10	Restoration of Dukumpani and Dishu MHS, in West Kameng District.	50.00	0.00	25.00
11	Restoration of Domkhorong and Jigaon MHS, in West Kameng District.	50.00	0.00	25.00
12	Renovation and modernisation of Sille MHS at Geku 2X250 KW. in Upper Siang District.	50.00	0.00	25.00
13	Infrastructure development of Geku DHPD Div office in Upper Siang District.	50.00	0.00	25.00
14	C/o CC Footpath i/c flood protection wall for Mati Nallah (MHS 2X 250 kw) at Chenwinty in Anjaw District.	50.00	0.00	25.00
15	C/o Community Hall along with security fencing at Angolin village in Dibang Valley (Anini) District.	62.00	0.00	31.00
16	Special repairmen of Teepani MHS (2X 250 kW) (Sub. Intake/ wire and power channel) in Anjaw District.	70.00	0.00	35.00
17	C/o Gallery at Archery Stadium at Zemithang in Tawang District	75.00	0.00	37.50
18	C/o boundary wall & Care- taker room at open garden Gym Zemithang in Tawang District.	75.00	0.00	37.50
19	C/o protection wall under Lumla sub Division in Tawang District.	100.00	0.00	50.00
20	C/o CC pavement road connecting SP Office, Fire Station and GPS Urban, Hawa, Anjaw.	75.00	0.00	19.78
21	C/o Parking Area & Protection wall at common service centres building at Kalaktang in West Kameng District	50.00	0.00	25.00
22	Development of Festival Ground at Lumla in Tawang district	100.00	0.00	26.38
23	Re-Surfacing of Kitpi Hydel Road at Tawang	300.00	0.00	79.13
24	Special repairing of Hydro Mechanical & Electro Mechanical Installation of Yembung SHP (4x500KW) in Siang district (shifted from Power Department)	100.00	0.00	26.38



Sl No	Projects/ Schemes	(Rs. in lakh)		
		Estimated cost	BE, 2021-22	RE, 2021-22
1	2	3	4	5
25	Road way to intake point Pasighat MHS(2x100KW) SH: Chainage. 2550.00m to 5350.00m) in East Siang District (shifted from Power Department)	140.00	0.00	36.93
	Total (II)	1682.00	0.00	792.11
III	CCI			
	CCI, 2019-20			
1	Survey and investigation over Tirap river for 10MW near Thamjang village and 25MW near Changlang HQ.	50.00	0.00	25.00
2	Reconstruction of Awapani MHS at Aliaye and Rupapani MHS at Punli.	150.00	0.00	75.00
	Total (III)	200.00	0.00	100.00
IV	Grant of LOC Authorization (April 2021)			
	Hydel Generation			
1	Rapo MHS at Jayang Bagang (2x100kW)		0.00	30.00
2	Palin MHS (2x50KW) at Palin Village		0.00	20.00
3	Pagu MHS under Palin Circle (2x1000kW)		0.00	30.00
4	Pange MHS (2x1000 KW) at Hakhe Tari		0.00	100.00
5	Parlo MHP at Parsiparlo (2x250kW)		0.00	20.00
6	Extension of RCC Spillway Channel 650 mtr of Kush MHP (2x1000KW) at Sangram		0.00	25.00
7	C/o 30 mtr Bailey Bridge over Kush River at Kush MHP (2x1000KW) (SH: Approach road 1KM & Bailey Bridge 30 span)		0.00	30.00
	Hydel Improvement			
8	R&M of Pacha SHP (2 x 1500 KW) (SH: Civil Works & EM works)		0.00	25.00
9	Reconstruction of flood damage of Power Channel of Pacha SHP (2 x 1500 kW) (SH: Length of Power Channel = 47.0 mtr., Aquaduct = 1 No. of span 15.0 mtr. With abutment & length Retaining wall = 85.0 mtr. With 4.5 mtr. depth)		0.00	75.00
10	Augmentation of Pakke Kessang MHS (30 KW) to 100 kW (procurement of new TG 2x50 kW) srts with its control panel and protection panel, board and C/o 0 415/1.1 kv step up sub-station.		0.00	25.00
11	Special Repair and Renovation of Kade Nallah MHS (1x50KW)		0.00	25.00
12	Special Repair of Tago MHS (3 x 1500 KW) (SH: replacement of penstock pipe) i/c EM Works-3 Units		0.00	38.00
13	C/o Cross drainage works (Aqueducts & culvert at Pagu MHS (2 x 1000kW) at Choba		0.00	20.00
14	Re-construction of rain damaged water conductor structures of Payu MHS (2 x 250 kW) at Pinchi (SH: Length Weir = 12.0 mtr., Feeder Channel = 35.0 mtr., Power Channel = 50.0 mtr & Retaining Wall = 105.0 mtr.)		0.00	37.00
15	Special Repair and maintenance of Ayingmuri MHS (2x125) at Ayingmuri in Upper Subansiri District		0.00	10.00
16	Completion of Aaying Moring MHP in Upper Subansiri District		0.00	100.00
17	Derating of Khadi Yabey MHS to (2x50KW)		0.00	10.00
18	Special repair of Sirikorong MHS (2 x 250 kW) (SH: Weir Intake) at Mechuka		0.00	5.00
19	Special Repair of Tato MHS (2x50+2x50 KW) (Sh: Intake Weir)		0.00	25.89
20	Special repair of Liromoba SHP (2 x 1000 kW) (SH:- Repairing of AVR panel and CT/PT) i/c EM works		0.00	20.00
21	Special repair of Dali MHS (4 x 100 kW) (SH: Civil and E&M works)		0.00	30.00
22	Special repair of Pagi SHP (2 x 50 kW) (SH:- E & M Works)		0.00	12.50
23	Special repair of Aalo MHS (4 x 100 kW).		0.00	5.00
24	Complete restoration of Kamba SHP (3x2 MW) which includes refoundations and realignment work of UNIT-III rewinding of UAT for Unit-II & III, complete overhauling of Unit-I, repairing of weir and intake including provision of intake gate		0.00	70.00
25	Modification of Spillway of Subbung SHP (3x1500Kw)		0.00	25.00
26	Special repair of Yembung SHP (4 x 500 kW) (SH: Restoration of weir, intake & protection structures to power channel and including repair & replacement of EM Equipment).		0.00	25.00
27	Special Repair of Awapani MHS (2 x 250 KW) at Gepuline		0.00	15.00
28	Special repair of damaged weir intake at Chini Afra MHS (1 x 250 kW)		0.00	7.50
29	Restoration works of Chu Nallah MHS (2 x 15 kW)		0.00	4.00
30	Modification of Turbine Governing system of Tafragam MHS (1x250Kw)		0.00	7.50



Sl No	Projects/ Schemes	(Rs. in lakh)		
		Estimated cost	BE 2021-22	RE 2021-22
1	2	3	4	5
31	Repairing of Penstock pipe and Governing system maintenance of Tafragam MHS (1 x 250Kw)		0.00	12.50
32	Special repairing of Teopani MHS (2 x 250 kW) (SH: E&M works)		0.00	17.50
33	Special repair of Mat: Nallah MHS (2 x 250 KW) (EM Works)		0.00	5.00
34	Taraju MMHP		0.00	100.00
35	Upgradation of existing switchyard for pasighat MHS (2 x 100 kW)		0.00	7.50
36	Protection of eroded Power Channel of Rina SHP (2x1000 kW)		0.00	12.00
37	Special repair of Tissue MHS Ph-I (4 x 100 kW)		0.00	58.12
38	Special repair of Tinning MHS (2 x 30 kW) (SH: Reconstruction of feeder channel)		0.00	15.00
39	Renovation of control panel of Charju MHS (3 x 250 kW)		0.00	10.00
40	Restoration of damaged power channel and improvement of governing system of Unit-I of Tirathju MHS (4 x 250 kW)		0.00	12.63
41	Special Repair of Sumhok Nallah MHS (2x250 kW)		0.00	5.00
C/o Building				
42	C/o Second Floor on Govt. Accommodation for DHPD at Itanagar (SH: T-IV/2 Nos., T-III/2 Nos., T-II/2 Nos. & T-I/2 Nos.)		0.00	10.00
43	C/o RCC Boundary wall around Civil & EM Division office/ Residential Hydro Power Complex at Manpoliang		0.00	10.00
44	CC Flooring to DHPD Residential Complex at Itanagar		0.00	10.00
45	Slab cover on Nallah of DHPD Residential Complex		0.00	12.50
46	C/o Boundary wall cum protection wall at Hydro Power Office complex, Itanagar, Chainage between Culvert point to 47.95 m (SH: RCC river training wall and RCC protection cum boundary wall)		0.00	12.50
47	C/o SE's Office Building Cum Residential buildings for newly shifted Subansiri Basin to Ziro (SH: Office Bldg -1 No., T-V/1 No., T-III/2 Nos., & Bachelor Barrack - 5 Units)		0.00	20.00
48	C/o Office Building for AE at Palin		0.00	10.00
49	C/o Newly created Office building for Koloriang Civil Division, DHPD at Koloriang		0.00	15.00
50	C/o Office Building for EE Bomdila II		0.00	10.00
51	C/o 6 Unit B/Barack at Sinkorong MHS (2x250 kW) near Mechuka		0.00	12.00
52	Security Fencing around Hydro Power Complex at Namsai		0.00	50.00
53	C/o Office Building Changlang Sub-Division		0.00	15.00
Survey & Investigation				
54	Survey & Investigation of MHP at Sakio Nallah (Amen Nallah) near Voo Village		0.00	2.00
55	Survey & Investigation of MHP at Passa river (Ph-II) at Passa Valley Circle.	XAKK	0.00	1.00
56	Survey & Investigation over Takosidang River at Ruhu Village under Tali ADC Hq		0.00	1.00
Total (IV)		0.00	0.00	1318.64
V State Share towards CSSs				
1	Construction of Taksang Chu SHP (2x1.7 mw) in Tawang	4634.00	0.00	400.00
RIDF (State Share)				
2	Construction of Srikorong MHS(PH-II)(3x100 KW) under Mechuka Sub-Division, West Siang		0.00	23.00
Total (V)		4634.00	0.00	423.00
VI RIDF (Loan Component)				
RIDF- XXIV (2018-19)				
1	Construction of Srikorong MHS(PH-II)(3x100 KW) under Mechuka Sub-Division, West Siang		0.00	481.25
RIDF-XXVII (2021-22)				
2	Border village illumination Programme through Micro Hydels.		0.00	170.00
Total (VI)		0.00	0.00	651.25
VII Uncashed Cheques			0.00	72.20
Grand Total (I+II+III+IV+V+VI+VII)		41608.68	5100.00	11401.48



B/10/3

Name of the Department: Hydro Power

Sl No	Projects/ Schemes	Estimated cost	(Rs. in lakh)	
			BE, 2022-23	RE, 2022-23
1	2	3	4	5
I.	Normal Plan Activities			
(a)	On-going			
(i)	SH: Hydel Generation			
1	Extension of RCC Spillway Channel 650 mtr. of Kush MHP (2 x 1000 kW) at Sangram	251.80	80.00	176.80
2	C/o 30 mtr. Bailey Bridge over Kush River at Kush MHP (2 x 1000 kW) (SH : Approach road 1 Km & Bailey Bridge 30 mtr. span)	289.00	79.56	104.56
3	Fure MHP at Damin (1 x 50 Kw)	370.24	10.55	10.55
4	Parlo MHP at Parsiparlo (2 x 250 kW)	1125.00	50.00	126.20
	Sub- Total (i)	2036.04	220.11	418.11
(ii)	SH: Hydel Improvement			
1	RCC Lining of Forebay Tank of Nuranang Ph-I SHP (3 x 2000 KW) in Tawang District	66.58	46.58	46.58
2	Special repair of Governing system and OPU of Kitpi Ph-II MHS (2 x 1500KW)(SH: Restoration of Unit No.-1) in Tawang District	83.00	66.00	66.00
3	Special Repair and Maintenance of Weir and Intake of Kitpi Ph-II SHP(2x1500KW) in Tawang District	90.00	49.00	72.00
4	Repairing of Automation system of Shaikangchu SHEP (3 x 2 MW) at Gongkhar village in Tawang District	28.00	22.00	22.00
5	Protection work of Forebay Tank of Shakti Hydel Station (2 x 50 KW)	12.00	8.00	8.00
6	Re-rating of Kitpi Ph-I MHS for 3 x 500 kW to 2 x 750 kW in Tawang District	1268.04	75.00	813.29
7	FDR of Shaikangchu Hydel Station (3 x 2000 kW) at Gongkhar	549.15	100.15	100.15
8	Renovation & Modernization work of Sessa MHS (3 x 500 kW)	1807.41	150.00	250.00
9	Complete replacement of old turbine and generator set of Unit-III of Rahung Hydel Station (3x250 kW) and improvement of switchyard and external protection system.	330.86	70.00	170.00
10	Special repair of Angkaling MHS (1 x 30 kW)	75.00	22.05	22.05
11	Special repair of Dokumpani MHS (1 x 30 kW)	45.00	10.00	10.00
12	De-rating of Khadi Yabey MHS (2 x 50 kW)	219.00	50.00	50.00
13	Special repair of Dirang SHP (4 x 500 kW)	20.00	13.00	13.00
14	Reconstruction of Power Channel of Zhangdongrong SHP (2 x 500 kW)	20.00	14.00	14.00
15	Improvement of Jigaon Hydel Station (2 x 50 kW)	15.00	10.00	10.00
16	R & M of Pacha SHP (2 x 1500 kW) (SH : Civil Works & EM works)	410.00	53.00	153.00
17	Reconstruction of flood damage of Power Channel of Pacha SHP (2 x 1500 kW) (SH: Length of Power Channel = 47.0 mtr., Aquaduct = 1 No. of span 15.0 mtr with abutment & length Retaining wall = 85.0 Mtr. with 4.5 mtr. depth)	238.16	38.16	38.16
18	Special repair of Kade Nallah MHS (1 x 50 kW)	150.46	15.00	15.00
19	Special repair and maintenance of Patta Nallah MHS (2 x 50 kW)	85.00	10.00	70.00
20	Augmentation of Pakke Kessang MHS (30 KW) to 100 kW (procurement of new TG 2x50 kW) sets with its control panel and protection panel, board and C/o 0.415/1.1 kv step up sub-station.	332.86	50.00	258.00
21	Special Repair of Mai Ph-II (2 x 500 kW) (SH: Power House & EM equipment)	255.00	50.00	204.00
22	RMO Tago, Mai Ph-I, Ph-II and Daporijo	84.86	10.00	10.00
23	Extension and Strengthening of Spillway Channel and Forebay Tank of Dulom MHP (2 x 200 kW)	25.00	19.00	19.00
24	Special repair maintenance of Hydel stations Sippi SHP, Sinyum Koro, Pinto Koro	50.00	25.00	25.00
25	Special repair of Chate MHS (1 x 30 kW)	79.37	0.00	0.00
26	C/o Cross drainage works (Aquaducts & culvert) at Pagu MHS (2 x 1000 kW) at Choba	281.45	17.95	17.95
27	R&M of Yembung (4 x 500 kW)	718.96	139.00	139.00
28	FDR of Rina SHP (2 x 1000 kW)	69.80	30.80	30.80
29	Renovation of Weir & Intake and protection work of damage channel & spillway of Siru SHEP (3 x 2 MW) i/c procurement of battery charger, 110 V DC 500 AH Battery Bank / 63 kVA DG Set etc.	90.00	50.00	50.00
30	Special repair & maintenance of Aalo MHS (3 x 100 kW) (SH: Replacement of Electronic Governor, Installation of new AVR Panel for Unit-I and restoration of intake chamber, trash rack etc.)	20.00	10.00	10.00
31	Repair / replacement of Penstock pipe of Liromoba SHP (2 x 1000 kW)	80.00	50.00	50.00
32	Augmentation of Tato MHS (2x50kW+2x20kW) (SH: Civil & EM Works)	70.00	26.00	26.00

(Rs. in lakh)

No	Projects/ Schemes	Estimated cost	BE, 2022-23	RE, 2022-23
1	2	3	4	5
33	Special repair of Mechuka MHS (6x25kW) (SH: Protection of power channel, repairing of old TG Sets and panel board).	50.00	40.00	40.00
34	Special repair & maintenance of civil components of Sirikorang Ph-I MHS (2 x 250 kW)	25.00	15.00	15.00
35	C/o Infrastructure Development of newly created Dibang Basin Circle, Pasighat	90.00	54.00	54.00
36	Upkeeping of Kopu MHS (2 x 250 kW)	50.00	30.00	30.00
37	Special repair & maintenance of EM & civil component of Sirnyuk MHS (2 x 1000 kW)	40.00	30.00	30.00
38	Repairing of Intake-weir & damaged power channel of Gosang MHS (2 x 250 kW)	30.00	24.00	24.00
39	Special repair of Yingkiong Ph-I MHS (3 x 50 kW)	20.00	13.00	13.00
40	Improvement of Krawti Nallah MHS (Sub Head: Installation of New 100 kW Francis Turbine, Generator, Electronics Governor, Panel Board etc). Sub-Station etc.)	150.00	81.06	81.06
41	R&M of Awapani MHS (2 x 250 kW) at Gepuline.	30.00	20.00	20.00
42	Replacement of Penstock pipe & anchor block of Awapani MHS (2 x 250 kW) at Alinye	60.00	18.00	18.00
43	Protection Wall at Kamba SHP (3 x 2000 kW)	34.78	14.78	14.78
44	Special repair of Rina SHEP (2 x 1000 kW) (SH: Protection of diversion weir, repairing of intake gate, desilting tank & sluice valve etc)	100.00	64.00	64.00
45	Renovation of Charju MHS (3 x 200 kW)	176.56	120.00	120.00
46	Renovation of Tirathju MHS (4 x 250 kW)	134.61	104.61	104.61
47	C/o Security Fencing at Tissu Ph-II MHS (2 x 250 kW)	30.00	15.00	15.00
48	Repairing and Calibration of VCB at Tissu Ph-II MHS (2 x 250 kW)	35.00	17.50	17.50
49	Inter-connection of Generating Stations Tissu MHS Ph-I (4 x 100 kW) to Tissu Ph-II MHS (2 x 250 KW)- Phase I	100.00	80.00	80.00
50	Overhauling of Turbines at Tissu MHS (4 x 100 kW)	200.00	100.00	100.00
51	Restoration & Up-gradation of Tinning MHS (2 x 25 KW) to (2 x 50 KW)	100.00	80.00	80.00
52	FDR of Subbung SHP (2 x 1500 kW)	489.00	339.00	339.00
	Sub-Total (ii)	9614.91	2559.64	4042.93
(iii) SH: Buildings				
1	C/o Office Building of Jang Civil Sub-Division at Jang	66.50	7.50	7.50
2	C/o Residential building for staff quarter under Lumla Civil Sub-Division (T-III/1 No. & T-II/1 No.)	60.00	6.38	6.38
3	C/o Approach Road to Lumla Sub Division Office	45.00	10.00	35.00
4	C/o Wall and drain under Lumla Sub-Division, Tawang District	40.00	10.00	24.00
5	C/o Office Building for EE Bomdila - II	100.35	10.00	10.00
6	C/o Second Floor on Govt. Accomodation for DHPD at Itanagar (SH: T-IV/2 Nos, T-III/2 Nos., T-II/2 Nos. & T-I/2 Nos.)	191.28	31.28	31.28
7	C/o SE's Office Building Cum Residential buildings for Subansiri Basin to Ziro (SH: Office Bldg.-1 No. T-V/1 No., T-III/2 Nos. T-II-4 no & Bachelor Barrack - 5 Units)	887.09	40.00	50.00
8	C/o Residential Building for Civil Division staffs at Koloriang (T-IV-2 nos., T-III-3 nos. & Bachelor Barrack 5 Men	131.86	26.00	26.00
9	C/o Road from BRTF road to Hydro Power Dvision Office building Syi Nyoriang Koloriang	50.00	25.00	25.00
10	C/o Staff Quarter for JE at Tali (SH: T-III/1 No.)	35.00	20.00	20.00
11	C/o Office building for AE at Palin	66.84	36.84	36.84
12	C/o Residential Building T-II - 1 No. for newly created Palin Sub-Division DHPD	50.00	35.00	35.00
13	C/o Division Office for Newly shifted Mechuka Hydro Power Division.	100.00	80.00	80.00
14	C/o Residential quarter for newly shifted Mechuka HP Division at Mechuka (SH: T-IV 1 No.)	40.00	20.00	20.00
15	C/o Boundary wall of Residential complex of SE Office Staffs at Pasighat, East Siang District.	70.00	44.35	44.35
	Sub-Total (iii)	1933.92	402.35	451.35
(iv) SH: Survey & Investigation				
1	Survey & Investigation of Thigsi SHP (2 x 1500 kW)	15.00	7.00	7.00
2	Survey & Investigation of MHP at Passa river (Ph-II) at Passa Valley Circle	10.00	1.00	1.00
3	Survey & Investigation of Tato-II MHS (2 x 50 kW)	5.00	3.00	3.00
	Sub-Total (iv)	30.00	11.00	11.00
	Total (a)	13614.87	3193.10	4923.39
(b) Committed Liabilities (Maintenance of Assets)				
1	Hydel Stations, Buildings, Petty Works etc.	800.00	800.00	800.00

HPD-EZ-14025/9/2023-CE(EZ) DHPD-DHPD(EZ)

O/o.DIR-STATE PLAN

10/3



		(Rs. in lakh)		
No	Projects/ Schemes	Estimated cost	BE, 2022-23	RE, 2022-23
1	2	3	4	5
2	Logistic support for strengthening of the Chief Engineer (P&D) - Establishment (SH: Design Tools & Equipment, Drawing Tools & Equipment, Training Equipment / Accessories, Exposure Technical Tour within the country and Abroad etc.	200.00	125.00	125.00
3	Facilitation of support for Dam Safety Committee and Dam Safety Organization	200.00	100.00	100.00
	Total (b)	1200.00	1025.00	1025.00
(c) New				
(i) SH: Hydel Generation				
1	C/o Kari MHS at Tayo (2 x 200 kW)	1010.00	17.00	17.00
2	Paley MHS (2 x 250 kW) at Sangrik Ringio of Hapuk Village	1725.00	22.00	22.00
3	Turung SHP (2 x 1500 kW) at Heyte under Chambang Circle	5266.00	53.00	53.00
4	C/o Sibe MHS (3 x 100 kW) at Taramori	1139.46	54.46	54.46
5	C/o Mabung SHP (2 x 500 kW)	3177.80	140.00	140.00
6	C/o Seh MHS (2 x 250 kW) near Chengrung at Tato	1900.00	10.00	10.00
	Sub-Total (i)	14218.26	296.46	296.46
(ii) SH: Hydel Improvement				
1	R & M of Dirang SHP (4 x 500 kW)	1602.31	29.00	29.00
2	Re-construction of rain damage works, security compound wall and additional EM items of Kush MHS (2 x 1000 kW) at Sangram	900.00	52.65	52.65
3	Re-construction of rain damages works of Pagu MHS (2 x 1000 kW) at Choba (SH: Power Channel, Intake Weir, Residential Complex & Power House Area)	452.00	10.00	10.00
4	Special repairing of Subbung SHP (2 x 1500 kW) (SH: Dynamic balancing / alignment of TG set of Unit-I, overhauling LOS system of both units, servicing of panel board & butterfly valve & DG set servicing)	75.00	25.00	25.00
5	Raising of power channel of Yingkiong Ph-I and Ph-II MHS	30.00	10.00	10.00
6	Reconstruction of Power channel at sinking area of Gossang MHS (2 x 250 kW) 70 mtr.	35.00	8.00	8.00
7	Replacement of penstock pipe at Selli MHS at Geku (2 x 250 kW)	95.00	10.00	10.00
8	Overhauling of Turbine of Unit-II of Awapani MHS at Alinye (2x250KW)	30.00	15.00	15.00
9	C/o Protection D/ Stream Apron of Diversion wier & Providing Cover Slab on Feeder of Pasighat MHS (2x100 kW)	30.00	5.00	5.00
10	Special repair of Silli MHS(1 x 30 kW) (SH: Renovation of damaged power channel, trench weir & protection structures of trench weir ,mainternance and protection along the power channel and forebay tank)	38.00	8.90	8.90
11	Renovation of Intake of Pagi MHS(2x50)KW	12.00	12.00	12.00
12	Replacement of OPU and power pack of Liromoba MHS (2X1000KW)	20.00	8.00	8.00
13	Complete overhauling and repair of Turbine of Unit-II Control Panels, Governor, VCB, modification of OPU etc of Sirikorng MHS (2x250 kw). complete. (SH:EM Works)	50.00	5.50	5.50
14	Overhauling of turbine including changing the bearings, Providing turbine control panel, incoming and outgoing breaker panel etc of of Rapum MHS (1X50 Kw). (SH:EM Works)	20.00	3.00	3.00
15	Special repair Feeder channel of Awapani MHS at Alinye (2X250 KW)	35.00	5.25	5.25
16	Complete repair of OPU, Governor of pentaflow make horizontal Francis TG set no.1 of Awapani MHS (2X250KW) at gepuline.	25.00	8.75	8.75
17	Special repairing of Langpani MHS (2 x 200 kW) (SH: E&M works)		5.55	5.55
18	Installation of additional 1 (one) Unit of Yapak Nallah MHS (SH: Installation of additional 1 (one) unit of 100 kW)	150.00	15.50	15.50
19	Special repair of Yapak Nallah MHS (2 x 100 kW) (SH: (i) Civil work (ii) SH: EM work weir / intake Overhauling of casing, runner, guide vane, MIV etc)	55.00	8.25	8.25
20	C/o 11 KV HT-Line 1.50 km and Step-Up Transformer for Khinmey Gompa MHS (2 x 50 kW)	37.00	37.00	37.00
21	Improvement of Sumhok Nallah MHS (2X50KW)	50.00	11.34	11.34
22	Renoviation of Fire ravaged B/Barrack at Aalo Hydro Power Division Complex	20.00	5.00	5.00
23	C/o Protection work to Feeder channel of Payu MHS (2x500 kW) at Koloriang	38.00	30.00	30.00
24	C/o Potection work of Spillway channel of Kidding MHS 2x250 kW) at Nyopin	27.00	27.00	27.00
	Sub-Total (ii)	3826.31	355.69	355.69
(iii) SH: Buildings				



2/10/23

(Rs. in lakh)

No	Projects/ Schemes	Estimated cost	BE, 2022-23	RE, 2022-23
1	2	3	4	5
1	C/o Residential buildings for Seppa Hydro Power Division at Wessang, Seppa (SH: T-IV/1 No. for EE & T-III/1 No. for AE)	17.00	17.00	17.00
2	Extension of Jal Vidyut Bhawan, DHPD, Itanagar	463.00	50.00	50.00
3	C/o AE Civil office building at Boleng.	25.00	15.00	15.00
4	C/o 5 Men Bechelor Barrack staff quarter at Namsai	45.00	30.00	30.00
	Sub-Total (iii)	550.00	112.00	112.00
(iv)	SH: Survey & Investigation			
1	S & I of Sibum MHS (3x1000 kw) at Basar	6.00	6.00	6.00
2	S & I over river Tisa near Otongkhua (700 KW)	6.40	6.40	6.40
	Sub-Total (iv)	12.40	12.40	12.40
	Total (c)	18606.97	776.55	776.55
(d)	Additional schemes approved over and above BE provision			
1	C/o Additional classroom at tsongkhapa school Lungla	80.00	80.00	80.00
2	Site Development at Namtsering and BTK Manchu river site	100.00	100.00	100.00
3	C/o Boundary wall and sanitary blocks for both boys and girls at Monyul Vidya Niketan school Lungla	100.00	100.00	100.00
4	C/o Veterinary Dispensary and Quarters at Lungla	150.00	100.00	100.00
5	C/o Retaining wall and drain at old Lungla Road.	200.00	100.00	100.00
6	C/o Tracking train at Lungla	250.00	100.00	100.00
7	C/o cafeteria and resort at Zemithang, Tawang District	500.00	500.00	500.00
8	Infrastructure development at Nuranang SHP Ph- 1. SH C/o RCC Cover Slab of Power Channel and Barak 2-Units) for staffs.	60.00	0.00	60.00
9	Modernisation of Teepani MHS (2x250 kw) (SH: System upgradation for grid compatible, local grid arrangement, replacement of Penstock pipe, complete overhauling of Unit-II Machines for generation improvement)	150.00		150.00
10	Clearance of pending liabilities for restoration of Hydro Power Projects under Chief Engineer (EZ)	200.00		200.00
11	Shifting of Chief Engineer Office (Eastern Zone)	56.60		56.60
12	Reconstruction of raid damaged works and strengthening of civil components of Taksing MHS (2x50KW) at Taksing	49.79		49.79
13	C/o boundary wall around AE (DHPD)'s Quarter at Bomdila	20.00		20.00
14	System improvement of 200x2 KVA Langpani Switch yard, at Langpani, Anjaw	25.00		12.50
15	System improvement of 200x2 KVA Kacho Pani Switch yard at Kacho Pani, Anjaw	25.00		12.50
16	C/o retaining wall and damaged channel at Langpani, Anjaw.	25.00		12.50
17	Re-Construction of water conducting system and valves at Teepani MHS (2x250 KW)	25.00		12.50
18	Repair and Maintenance of Weir Intake of Dooranallah MHS (SH: Weir Intake)	50.00		25.00
19	Repair and Maintenance of Approach road of Dooranallah MHS (SH: Weir Intake)	50.00		25.00
20	Repair and Maintenance of Penstock Pipeline of Tafragram MHS (SH: Weir Intake)	50.00		25.00
21	C/o Boundary wall at Power House of Dooranallah MHS (SH: Boundary Wall etc)	50.00		25.00
22	Digitalization & updating of panel including HT control & protection system of Hydeljs under Yatdam Hydro Power Division.	100.00		50.00
23	Improvement of civil infrastructure under Yatdam Hydro Power Division	100.00		50.00
24	C/o Approach road to Power House of Rahung MHP	50.00		25.00
25	Repairing and strengthening of Power Channel of Rahung MHS	50.00		25.00
26	C/o Unstream and downstream apron of Rahung MHP	50.00		25.00
27	C/o Approach rod to Power House of Zhongdongrong MHP	50.00		25.00
28	Reconstruction of damage weir and intake of Zhongdongrong MHP	50.00		25.00
29	C/o weir and intake of Saskonrong MHP	50.00		25.00
30	Providing retaining wall and maintainance of approach road of Sessa Hydel Station	50.00		25.00
31	Repairing of drainage system of Sessa Hydel Power House and maintainance of staff quarters of hydel station	50.00		25.00
32	Restoration of damaged intake weir and feeder channel of Sessa hydel	50.00		25.00
33	C/o approach road form NEEPCO Road to Power House of Sessa MHS	50.00		25.00
34	Repair OPU realignment of unit-II of rahung MHP West Kameng	50.00		25.00
35	C/o land protection work at New Bomdila	50.00		25.00
36	C/o approach road to staffs quarter of Bomdila Hydro Power division-I	50.00		25.00

HPD-EZ-14025/9/2023-CE(EZ) DHPD-DHPD(EZ)

o,DIR-STATE PLAN



(Rs. in lakh)

Projects/ Schemes		Estimated cost	BE, 2022-23	RE, 2022-23
1	2	3	4	5
37	Repair of battery bank and control systems of Khazalong MHP West Kameng District.	50.00		25.00
38	C/o Protection work of power house of Khzalong MHP	50.00		25.00
39	C/o Approach road to forebay tank of Khzalong MHP	50.00		25.00
40	Restoration of power channel of Khzalong MHP	50.00		25.00
41	C/o RCC cover slab for power channel and feeder channel of Khzalong MHP	50.00		25.00
42	Construction of protection work for forebay tank of Khzalong MHP	30.00		15.00
43	Construction of approach road to powe house of Ditchik MHS	50.00		25.00
44	Repair and maintenance of teachers of Govt Higher Secondary School Bomdila	20.00		10.00
45	C/o Retaining wall at Community Cardamom garden area Rering in Paktung Village under Taliha Circle, Upper Subansiri District	50.00		25.00
46	C/o Retaining wall at Bogne Mara under Jaring circle, Upper Subansiri District.	50.00		25.00
47	Replacement of defective shafts, old and obsolete MOCB , damaged generator and repair of Ngurangnag MHS Ph-I and Shakhangchu MHS.	75.00		37.50
48	C/o Community hall with approach road at Ambam under Pistana circle	25.00		12.50
49	Special repair and restoration works of various infrastructure under Ziro DHPD complex	50.00		25.00
50	Clearance of pending liabilities of Halaipani SHEP (4x4 MW) in Hayuliang	500.00		250.00
51	Repair and Maintenance of Kachopani MHS (2x100 Kw)	50.00		25.00
52	Renovation of DHPD office & Staff quarters under Hauliang Division	50.00		25.00
53	C/o Hydel Connectivity for Evacuation of power from Sinyum koro Micro Hydro Generating Station (2X50 KW) at Yudik village under Daporijo Electrical Division in Upper Subansiri District.	70.00		35.00
54	C/o Community hall at Maying, Taliha circle	50.00		25.00
55	C/o Additional De-silting Tank at Sirikorong MHS (2x250 KW)	14.91		7.46
56	Flood damage restoration work of Tato MHS (2x0+2x20 KW)	39.53		19.77
57	C/o FDR of Rina SHP (2 x 1000) KW under Koyu Circle	50.00		25.00
58	C/o Boundary Wall around Assistant Engineer's Quarter, DHPD, Bomdila	20.00		10.00
59	C/o RCC river Training cum Protection wall at Polo Colony, Naharlagun	100.00		50.00
	Total (d)	4,610.83	1,080.00	2,963.61
	Total (I) (a+b+c+d)	38032.67	6074.65	9688.55
II	Carry forward liabilities of LFY			
(a)	SIDF 2021-22			
1	Repair and maintenance of approach road to power house Domkhorong hydel station in West Kameng District.	45.00	11.25	22.50
2	Restoration of Dukumpani and Dishi MHS in West Kameng District.	50.00	12.50	25.00
3	Restoration of Domkhorong and Jigaon MHS in West Kameng District.	50.00	12.50	25.00
4	C/o Gallery at Archery Stadium at Zemithang in Tawang District.	75.00	18.75	37.50
5	C/o boundary wall & Care-taker room at open garden Gym Zemithang in Tawang District	75.00	18.75	37.50
6	C/o Protection wall under Lumla Sub-Division in Tawang District.	100.00	25.00	50.00
7	C/o Parking area & Protection wall at common service centres building at Kalaktang in West Kameng District	50.00	12.50	25.00
8	Development of Festival Ground at Lumla in Tawang District.	100.00	36.81	73.62
9	Re- Surfacing of Kitpi Hydel road at Tawang.	300.00	110.44	220.87
10	Renovation and modernisation of Sille MHS at Geku (2 x 250 kW) in Upper Siang District	50.00	12.50	25.00
11	Infrastructure development of Geku DHPD division office in Upper Siang District	50.00	12.50	25.00
12	Special repairing of Hydro Mechanical & Electro-Mechanical installation of Yembung SHP (4 x 500 kW) in Siang District	100.00	36.81	73.62
13	Road way to intake point Pasighat MHS (2 x 100 kW) (SH: Chainage 2550.00 m to 5350.00 mm) in East Siang District	140.00	51.54	103.07
14	C/o CC Footpath i/c flood protection wall for Mati Nallah MHS (2 x 250 kW) at Chenwinty in Anjaw District	50.00	12.50	25.00
15	C/o Community Hall along with security fencing at Angolin village in Dibang Valley (Anini) District	62.00	15.50	31.00
16	Special repairmen of Teepani MHS (2 x 250 kW) (SH: Intake / wire and power channel) in Anjaw District	70.00	17.50	35.00
17	C/o CC pavement road connecting SP office, Fire Station and GPS Urban Hawaii, Anjaw.	75.00	27.61	55.22
	Sub-Total (a)	1442.00	444.95	889.90
(b)	SIDF 2021-22 (Lapsed during 2021-22)			

HPD-EZ-14025/9/2023-CE(EZ) DHPD-DHPD(EZ)

O/o, DIR-STATE PLAN



3/10/23

(Rs. in lakh)

Projects/ Schemes		Estimated cost	BE, 2022-23	RE, 2022-23
		3	4	5
1	C/o CC pavement road connecting SP Office, Fire Station and GPS Urban, Hawa, Anjaw.	75.00		19.78
Sub-Total (b)		75.00	0.00	19.78
(c) BE/RE 2021-22				
1	C/o wall and drain under Lumla sub-division, Tawang District.	40.00		0.00
2	C/o Infrastructure development of newly created Dibang Basin Circle, Pasighat, East Siang District	90.00		54.00
3	Re-rating of Kitpi Ph-I MHS from 3 x 500 kW to 2 x 750 Kw in Tawang District	1328.29		0.00
4	R & M of Pacha SHP (2 x 1500 kW) (SH : Civil Works & EM works)	410.00		0.00
5	Repair / replacement of Penstock pipe of Liromoba SHP (2 x 1000 kW)	80.00		50.00
6	Protection Wall at Kamba SHP (3 x 2000 kW)	34.78		24.78
7	Augmentation of Tato MHS (2x50kW+2x20kW) (SH: Civil & EM Works)	70.00		50.00
8	Special repair and maintenance of Civil components of Sirikorong MHS MHS (2 x 250 kW)	25.00		15.00
9	Upkeeping (Upgradation) of Kopu MHS (2 x 250 kW) (SH: Civil & EM)	50.00		40.00
10	Special repair of Yingkiong Ph-I MHS (3 x 50 kW)	20.00		17.00
11	Replacement of Penstock pipe & anchor block of Awapani MHS (2 x 250 kW) at Alinye in Dibang Valley District.	60.00		18.00
12	Installation of Hydraulic BFV system at Pasighat MHS (2 x 100 kW) i/c major repair in vertical francis turbine	30.00		15.00
13	Providing 11 kV Vaccum Circuit Breaker at Mati Nallah MHS (2 x 250 kW)	20.00		10.00
14	Providing of Circuit Breaker at Yapak Nallah MHS (2 x 100 kW)	20.00		10.00
15	Renovation of Charju MHS (3 x 200 kW)	176.56		141.56
16	Renovation of Tirathju MHS (4 x 250 kW)	134.61		104.61
17	Special repair maintenace of Hydel stations Sippi SHP, Sunyun Koro, Pinto Koro	50.00		0.00
18	Overhauling of Turbines at Tisu MHS (4 X 100) KV at Changlang	200.00		100.00
19	C/o Security fencing at Tissue Phase-II (2 x 250 KW)	30.00		15.00
20	Repairing and Caliberation of VCB at Tissue Phase-II (2 x 250 KW)	35.00		17.50
21	Complete renovation of Sirikorong MHS (2 x 250 KW) PH-1 unit 2	50.00		25.00
22	Providing 3 Ph power supply to the SE office building and residential premises.	25.00		10.00
23	C/o road from BRTF road to Hydro Power Division office building Syi Nyoriang Koloriang	50.00		0.00
24	Development of Road from Circuit House to Tourist Lodge at Hunli	100.00		50.00
Sub-Total (b)		3129.24	0.00	767.45
Total (II)		4646.24	444.95	1677.13
III SIDF 2022-23				
1	Repairing and maintenance of Dikshi MHS (2X30 Kw) in West Kameng District (SH: Major EM Components)	20.00		20.00
2	Repairing and maintenance of Rupa MHS (2X100Kw) in West Kameng District (SH: Major EM component).	25.00		25.00
3	Renovation and maintenance of Doorah Nallah Hydel Station, Lohit District (SH: Destlting Tank, Forebay Tank, Penstock Pipelins, Power House).	45.00		22.50
4	Renovation and maintenance of Doorah Nallah Hydel Station, Lohit District (SH: Feeder Channel).	47.00		23.50
5	Renovation and maintenance of Dorrah Nallah Hydel Station, Lohit District (SH: Power Channel 2).	47.00		23.50
6	Renovation and maintenance of Doorah Nallah Hydel Station, Lohit District (SH: Power Channel 1).	49.00		24.50
7	Restoration of flood damages works of Domkhorong MHS (2X500 Kw) SH: Civil component in West Kameng District	50.00		25.00
8	Repairing of Rupa MHS (2X100Kw) in West Kameng District (Sh: Forebay tank and penstock pipe.line)	50.00		25.00
9	Repairing and maintenance of Domkhorong MHS (2X500Kw) in West Kameng District (SH: Power Channel and Penstock Pipe Line).	50.00		25.00
10	Replacement of overhauling of LT AC Distribution panel and replacement of defective UG cable system of Domkhorong hydel station, Kalaktang in West Kameng District.	50.00		25.00
11	Restoration of flood damage work of civil component of Ankaling MHS (1x30kw) in West Kameng District	50.00		25.00
12	Modernisation of Kacho pani MHS (2X100KW), Anjaw district.	50.00		25.00

HPD-EZ-14025/9/2023-CE(EZ) DHPD-DHPD(EZ)

o,DIR-STATE PLAN

(Rs. in lakh)

No	Projects/ Schemes	Estimated cost	BE, 2022-23	RE, 2022-23
1	2	3	4	5
13	Renovation of Mai Pani MHS (2x50kw) in Anjaw District	50.00		25.00
14	C/o approach road to Micro Hydal project at Pange, Lower Subansiri PH-I.	38.00		38.00
15	C/o Security fencing and improvement of forbay tank and penstock pipe at Tissu MHS (4X100) KW, Changlang district.	45.00		22.50
16	Strengthening rejuvenation of Tissu MHS (4X100 KW), Changlang district.	51.00		25.50
17	Improvement of Tissu PH-II MHS (2X250KW), Changlang district.	52.00		26.00
18	C/o Channel at Liromoba Micro Hydel, West Siang District	30.00		30.00
19	Maintenance of Hydro Station- Kidding MHS (2x250 kw), Koloriang (Sh: intake chamber, feeder channel etc.)	214.00		107.00
20	C/o Boundary wall around Hydro Power Civil Division Geku Complex, Upper Siang District.	20.00		20.00
21	C/o chain link boundary wall at Micro Hydel in Punli (Taloh)	20.00		20.00
22	Construction of LT line from Silli MHS (1x30 KW) to Jeying Medical Camp	40.00		40.00
23	Providing & fixing of trash rack at weir and intake of Angkaling Hydel Station in West Kameng District	50.00		25.00
24	Improvement of residential and non-residential building under Yatdam Hydro Power Division	50.00		25.00
25	Site development and C/o approach road for newly created Yatdam Hydro Power Division, Changlang	50.00		25.00
26	Up-gradation and improvement of residential and non-residential building for newly created Yatdam Hydro-Power Division.	50.00		25.00
27	Upgradation of existing infrastructure including residential and non-residential building of Anini Hydro Power Division at Anini.	50.00		25.00
28	C/o protection work at Ripyangarea Sika-Bamin village, East Siang District.	45.00		22.50
29	C/o Drainage system at DST Colony, Pasighat, East Siang District	47.39		23.70
30	Construction of approach road from Donyi Polo Gangging to MHS (1x30 KW)	30.00		30.00
31	Re-welding works with anchor blocks of damaged Spillway Channel of Taksing Hydel	30.00		30.00
	Total (III)	1495.39	0.00	874.20
IV Special Assistance to States for Capital Investment (SASCI) 2022-23				
1	C/o additional work for commission of Pagu MHS (2x1000kW) at Choba (SH: Spillway Channel-200 mtr, machine foundation, EOT Crane, Steel Girder construction, switchyard and foundation, RCC Culvert-1 No. Breast Wall)	521.00	521.00	521.00
2	Modernisation of Sirnyuk SHEP (2x1000KW) (Sh: System upgradation for grid compatible, overhauling of TG Sets and replacement of Penstock pipe 40 mtr. & repairing of power channel for generation improvement)	329.00	329.00	329.00
3	Modernisation of Teepani MHS (2x250 kW) (SH: System upgradation for grid compatible, local grid arrangement, replacement of Penstock Pipe, complete overhauling of Unit-II Machines for generation improvement)	150.00	150.00	0.00
4	Shyaro SHP (2x1500 kW) in Tawang District	5136.85		370.00
5	C/o Palin MHS (3x50) at Palin village in Pakke Kessang District			330.00
6	Pange MHS (2x1000 kW at Hakhe Tari in Lower Subansiri District			500.00
7	Additional one floor of 60 Bedded to 100 Bedded (60+40) District Hospital building at Namsai			1008.42
	Total (IV)	6136.85	1000.00	3058.42
V Negotiated Loan (RIDF)				
HPD (EZ)				
RIDF- XXIV (2018-19)				
1	Construction of Srikorong MHS(PH-II)(3x100 KW) under Mechuka Sub-Division, West Siang	825.00		100.00
RIDF-XXVII (2021-22)				
2	C/o Sarum Nallah MHS near Lungte (1x50 kW).	227.17		205.81
3	C/o Didu MHS at Didu (x25 kW)	154.97		137.22
4	C/o Higung MHS at Angging (1x 30 kW)	159.29		141.33
5	C/o Mankota MHS (2x25 kW)	230.49		208.97
6	C/o Dichu Nallah near Kaho village (1x100 kW).	308.49		283.01
7	C/o Grah Nallah MHS near Dambuein (2x 25W)	292.82		268.12
8	C/o Ire Nallah MHS at Maroli (2 x 25 kW).	219.41		198.44
9	C/o Ingu Pani MHS at Anelih (2x25 kW)	271.67		248.09
10	C/o Aha Afra MHS at Abrango (2x50 kW).	301.60		276.52

HPD-EZ-14025/9/2023-CE(EZ) DHPD-DHPD(EZ)

No, DIR-STATE PLAN

(Rs. in lakh)

No	Projects/ Schemes	Estimated cost	BE, 2022-23	RE, 2022-23
1	2	3	4	5
11	C/o Punli MHS near Punli (2x 25 kW).	269.86		246.37
12	C/o Preet MHS at Mazgaon (2x25 kW).	314.87		289.13
	HPD (WZ)			
	RIDF-XXVII (2021-22)			
13	C/o Mago MHS Ph-II (2x50 kW)	425.51		394.23
14	C/o Taksang Gompa MHS Ph-II at Taksang (2x50 kW)	343.99		316.79
15	C/o Ditchik MHS (1x 100 kW)	326.67		300.34
16	C/o Waping Bung MHS (2x50 kW)	545.52		508.24
17	C/o Hotarang MHS at Huri village (2 x 50 kW).	341.00		313.95
18	C/o Katar Nallah MHS at Limeking (2 x 50 kW)	312.04		286.44
	Total (V)	5870.37	0.00	4723.00
VI	State Share (RIDF)			
	HPD (EZ)			
	RIDF- XXIV (2018-19)			
1	Construction of Srikorong MHS(PH-II)(3x100 kW) under Mechuka Sub-Division, West Siang	825.00		10.00
	RIDF-XXVII (2021-22)			
2	C/o Sarum Nallah MHS near Lungte (1x50 kW).	227.17		11.36
3	C/o Didu MHS at Didu (x25 kW)	154.97		7.75
4	C/o Higung MHS at Angging (1x 30 kW)	159.29		7.96
5	C/o Mankota MHS (2x25 kW)	230.49		11.52
6	C/o Dichu Nallah near Kaho village (1x100 kW).	308.49		15.42
7	C/o Grah Nallah MHS near Dambuein (2x 25W)	292.82		14.64
8	C/o Ire Nallah MHS at Maroli (2 x 25 kW).	219.41		10.97
9	C/o Ingu Pani MHS at Anelih (2x25 kW)	271.67		13.58
10	C/o Aha Afra MHS at Abrango (2x50 kW).	301.60		15.08
11	C/o Punli MHS near Punli (2x 25 kW).	269.86		13.49
12	C/o Preet MHS at Mazgaon (2x25 kW).	314.87		15.74
	HPD (WZ)			
	RIDF-XXVII (2021-22)			
13	C/o Mago MHS Ph-II (2x50 kW)	425.51		21.27
14	C/o Taksang Gompa MHS Ph-II at Taksang (2x50 kW)	343.99		17.20
15	C/o Ditchik MHS (1x 100 kW)	326.67		16.33
16	C/o Waping Bung MHS (2x50 kW)	545.52		27.28
17	C/o Hotarang MHS at Huri village (2 x 50 kW).	341.00		17.05
18	C/o Katar Nallah MHS at Limeking (2 x 50 kW)	312.04		15.60
	Total (VI)	5870.37	0.00	262.24
	Grand Total (I+II+III+IV+V+VI)	62051.89	7519.60	20283.54



**Department of Hydro Power Development
Government of Arunachal Pradesh**



APPLICATION

FOR

ANNUAL REVENUE REQUIREMENT (ARR)

&

TARIFF PETITION FOR

FY 2024-25

PART – B

Submitted by:
Department of Hydro Power Development - 2024

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Check list of forms and other documents for Annual Revenue Requirement filing by Generation Licensee		
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Format - HG1	Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)	page i (1) - i (116)
Format - HG2	Design Energy and MW Continuous (month-wise) Run of River Type Stations	page ii (1) - ii (116)
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Name of the Hydro Generating Station : Challengkang Ph-I

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Challengkang 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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Shakti Nallah

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Khet
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean 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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
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/ Tawang District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2014	01-04-2014
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Nuranang
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	6000	6000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1996	01-04-1996
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	49.93	49.93
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	6000	6000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Kitpi Ph-I

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	1500	1500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1977	01-04-1977
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	12.48	12.48
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (No. of Units x KW)	KW	1500	1500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	3000	3000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	24.97	24.97
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	3000	3000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : T. Gompa
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2001	01-04-2001
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Bongleng
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Bramdhongchung Ph-I

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Rahung
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	750	750
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1972	01-04-1972
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	6.24	6.24
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	750	750
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Dirang
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	2000	2000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1977	01-04-1977
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	16.64	16.64
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	2000	2000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Saktangrong MHS

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	300	300
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	2.50	2.50
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	300	300
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Zhongdongrong

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	1000	1000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2016	01-04-2016
	Unit – 1			
	Unit – 2			
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)	Mus	8.32	8.32
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	1000	1000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Sessa
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	1500	1500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1992	01-04-1992
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	12.48	12.48
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	1500	1500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Rupa
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1997	01-04-1997
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Dokumpani
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2000	01-04-2000
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Domkhong
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	1000	1000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	8.32	8.32
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	1000	1000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Sinchung
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Ankaling
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Dikshi
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	60	60
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	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)	Mus	0.50	0.50
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	60	60
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Khadiyabey
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Jigaon
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2016	01-04-2016
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	300	300
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1980	01-04-1980
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	2.50	2.50
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	300	300
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2001	01-04-2001
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	3000	3000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	24.97	24.97
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	3000	3000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	2000	2000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1977	01-04-1977
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	16.64	16.64
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	2000	2000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	1000	1000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1982	01-04-1982
	Unit – 1			
	Unit – 2			
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)	Mus	8.32	8.32
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	1000	1000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	4500	4500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1992	01-04-1992
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	37.45	37.45
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	4500	4500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2002	01-04-2002
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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	4000	4000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	33.29	33.29
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	4000	4000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	25	25
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.21	0.21
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	25	25
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	400	400
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1981	01-04-1981
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	3.33	3.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	400	400
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	250	250
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2012	01-04-2012
	Unit – 1			
	Unit – 2			
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)	Mus	2.08	2.08
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	250	250
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2012	01-04-2012
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1972	01-04-1972
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

State/ Distt. Arunachal Pradesh/ West Siang District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	400	400
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1987	01-04-1987
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	3.33	3.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	400	400
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	2000	2000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	16.64	16.64
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	2000	2000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	300	300
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	2.50	2.50
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	300	300
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2001	01-04-2001
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	6000	6000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	49.93	49.93
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	6000	6000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	400	400
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2015	01-04-2015
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
	Unit – 5			
	Unit – 6			
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)	Mus	3.33	3.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	400	400
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2013	01-04-2013
	Unit – 1			
	Unit – 2			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	750	750
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1986	01-04-1986
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	6.24	6.24
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	750	750
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	750	750
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	6.24	6.24
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	750	750
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	450	450
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1983	01-04-1983
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	3.74	3.74
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	450	450
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	400	400
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2005	01-04-2005
	Unit – 1			
	Unit – 2			
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)	Mus	3.33	3.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	400	400
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Tah Ahfra Ph-I & Ph-II

State/ Distt. Arunachal Pradesh/ Dibang Valley District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2001	01-04-2001
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	250	250
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2001	01-04-2001
	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)	Mus	2.08	2.08
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	250	250
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	150	150
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1984	01-04-1984
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	1.25	1.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	150	150
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2005	01-04-2005
	Unit – 1			
	Unit – 2			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	40	40
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.33	0.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	40	40
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	40	40
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.33	0.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	40	40
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Awapani at Gepuline
State/ Distt. Arunachal Pradesh/ Dibang Valley District

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2014	01-04-2014
	Unit – 1			
	Unit – 2			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Jongkey Nallah
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Chicklong
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	150	150
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	1.25	1.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	150	150
10.3	Peaking capacity during lean period (MW)			
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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	400	400
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1986	01-04-1986
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	3.33	3.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	400	400
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Ngonalo at Vijaynagar
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Sirmyuk
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	2000	2000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1996	01-04-1996
	Unit – 1			
	Unit – 2			
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)	Mus	16.64	16.64
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	2000	2000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Gosang
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Selli at Geku
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1994	01-04-1994
	Unit – 1			
	Unit – 2			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	150	150
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1980	01-04-1980
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	1.25	1.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	150	150
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1992	01-04-1992
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Kopu at Tuting
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	250	250
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
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)	Mus	2.08	2.08
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	250	250
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Sikut/ Tuting
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1984	01-04-1984
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Silingri
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Ngaming
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Singa
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Mayung
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	5	5
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.04	0.04
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	5	5
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Kote MHS
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Sika
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	15	15
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	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)	Mus	0.12	0.12
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	15	15
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	50	50
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.42	0.42
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Pyabung MHS
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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	25	25
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	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)	Mus	0.21	0.21
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	25	25
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Mati Nallah
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	550	550
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	Unit – 1			
	Unit – 2			
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)	Mus	4.58	4.58
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	550	550
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Yapak Nallah
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2005	01-04-2005
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Kebitho
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	30	30
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Kaho
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	10	10
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2004	01-04-2004
	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)	Mus	0.08	0.08
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	10	10
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Tah Nallah
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Teepani
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Langpani
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	400	400
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	3.33	3.33
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	400	400
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	60	60
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.50	0.50
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	60	60
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Hathipani
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generating Station : Kachopani MHS
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. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2014	01-04-2014
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	60	60
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2010	01-04-2010
	Unit – 1			
	Unit – 2			
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)	Mus	0.50	0.50
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	60	60
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	600	600
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1984	01-04-1984
	Unit – 1			
	Unit – 2			
	Unit – 3			
4	Type of Station			
	a) Surface/ underground			
	b) Purely ROR/ Pondage/ Storage			
	c) Peaking/ non-peaking			
	d) No of hours of peaking			
	e) Overload capacity (MW) & period			
5	Type of excitation			
	a) Rotating exciters on generator			
	b) Static excitation			
6	Design Energy (Annual)	Mus	4.99	4.99
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	600	600
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	1000	1000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1977	01-04-1977
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	8.32	8.32
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	1000	1000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2009	01-04-2009
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	100	100
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2011	01-04-2011
	Unit – 1			
	Unit – 2			
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)	Mus	0.83	0.83
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	100	100
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	2000	2000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1984	01-04-1984
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
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)	Mus	16.64	16.64
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	2000	2000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	2000	2000
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2008	01-04-2008
	Unit – 1			
	Unit – 2			
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)	Mus	16.64	16.64
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	2000	2000
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	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				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	200	200
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1972	01-04-1972
	Unit – 1			
	Unit – 2			
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)	Mus	1.66	1.66
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	200	200
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	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)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	30	30
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2001	01-04-2001
	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)	Mus	0.25	0.25
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	50	50
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	250	250
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-1984	01-04-1984
	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)	Mus	2.08	2.08
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	250	250
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

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

Details of Cod, Type of Hydro Stations, Normative Annual Plant, Availability Factor (NAPAF)				
& other normative parameters considered for Tariff				
Sl. No.	Description	Unit	2023-24 (Estimate)	2024-25 (Projected)
1	Installed Capacity	KW	500	500
2	Free Power to home state	%	NIL	NIL
3	Date of commercial operation		01-04-2013	01-04-2013
	Unit – 1			
	Unit – 2			
	Unit – 3			
	Unit – 4			
	Unit – 5			
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)	Mus	4.16	4.16
7	Auxiliary Consumption including Transformation losses	%	1.00%	1.00%
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	%	14	14
9.4	Tax Rate	%	Not Applicable	Not Applicable
9.5	Prime lending Rate of SBI as on April'	%	14.85%	14.85%
10.1	Type			
10.2	Installed Capacity (Bo of Units x MW)	KW	500	500
10.3	Peaking capacity during lean period (MW)			
10.4	Type of Turbine			
10.5	Rated Head (M)			
10.6	Rated Discharge (Cumes)			

Name of the Hydro Generation Station: Challengang Ph-I

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

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

Year

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: Challengang Ph-II

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

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

Year

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: Shakti Nallah

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

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

Year

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	0.07	
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

Year

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	0.07	
12	March	0.07	

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

Year

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	0.07	
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

Year

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	0.07	
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

Year

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	0.07	
12	March	0.07	

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

Year

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	3.97	
12	March	4.24	

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

Year

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	0.99	
12	March	1.06	

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

Year

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	1.98	
12	March	2.12	

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

Name of the Hydro Generation Station: Bramdhongchung

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

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	0.07	
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

Year

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	0.50	
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

Year

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	1.32	
12	March	1.41	

Name of the Hydro Generation Station: Saktangrong MHS

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

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

Year

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	0.20	
12	March	0.21	

Name of the Hydro Generation Station: Zhongdongrong

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

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

Year

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	0.66	
12	March	0.71	

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

Year

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	0.99	
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

Year

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	

Format - HG 2

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

Year

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: Domkhong

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

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

Year

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	1.32	
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

Year

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	

Format - HG 2

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

Year

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: Dikshi

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

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

Year

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

Year

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: Jigaon

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

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

Year

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	0.07	
12	March	0.07	

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

Year

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	0.20	
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

Year

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

Year

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	1.98	
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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

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

Year

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	

Format - HG 2

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

Year

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: Mai PH-I

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

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

Year

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	1.32	
12	March	1.41	

Format - HG 2

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

Year

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	0.66	
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

Year

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	2.98	
12	March	3.18	

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

Year

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

Year

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	2.64	
12	March	2.83	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

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

Year

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	

Format - HG 2

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

Year

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	0.17	
12	March	0.18	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	1.32	
12	March	1.41	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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: Kambang

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

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

Year

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	3.97	
12	March	4.24	

Format - HG 2

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

Year

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

Year

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	

Format - HG 2

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 = 150

Year

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	

Format - HG 2

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 = 50

Year

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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: Deopani Ph-I

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

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

Year

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	0.50	
12	March	0.53	

Format - HG 2

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

Year

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	0.50	
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 = 350

Year

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	0.23	
12	March	0.25	

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	0.17	
12	March	0.18	

Format - HG 2

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

Year

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: Awapani Ph-II

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

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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

Year

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	

Format - HG 2

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

Year

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: Awapani at Gepuline

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

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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: Tissue

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

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

Year

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: Tinning

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

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

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

Year

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	1.32	
12	March	1.41	

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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: Kopu at Tuting

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

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

Year

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	0.17	
12	March	0.18	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

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

Year

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: Ngaming

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

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

Year

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

Year

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: Mayung

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

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

Year

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: Kote MHS

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

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

Year

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

Year

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	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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: Kebitho

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

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

Year

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: Kaho

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

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

Year

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	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	0.07	
12	March	0.07	

Format - HG 2

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

Year

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	0.33	
12	March	0.35	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	

Format - HG 2

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

Year

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	0.07	
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 = 200

Year

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	

Format - HG 2

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

Year

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: Charju

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

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

Year

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	0.40	
12	March	0.42	

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

Year

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	0.66	
12	March	0.71	

Format - HG 2

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

Year

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	0.07	
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

Year

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	0.07	
12	March	0.07	

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

Year

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	1.32	
12	March	1.41	

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

Year

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	1.32	
12	March	1.41	

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

Year

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: Silli

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

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

Year

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	

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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

Year

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	0.17	
12	March	0.18	

Name of the Hydro Generation Station: Doorah Nallah

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

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

Year

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	0.33	
12	March	0.35	

Annual Revenue Requirement

		(Rs. In Lakhs)
Sl. No	Particulars	2024-25 (Projected)
1	Gross Generation (MU)	61.44
2	Auxiliary Consumption (MU)	0.61
3	Net Generation (MU)	60.83
4	Free Energy to home state (MU)	0.00
5	Royalty (Rs.)	0.00
6	Water Charges (Rs.)	0.00
7	Capacity Charges (Rs.)	
	a) Interest on Loan capitals (Rs.)	0.00
	b) Depreciation (Rs.)	1232.84
	c) Advance against depreciation (Rs.)	0.00
	d) O&M Expenses (Rs.)	3221.61
	e) Interest on working capital (Rs.)	188.80
	f) Foreign exchange Rate (%)	
	g) Return on Equity	2079.58
	h) Income Taxes (Rs.)	
	Total fixed expenses (5+6+7)	6722.83

Note: ARR & Other parameters are in respect of the all the HEPs

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TOTAL NUMBER OF EMPLOYEES

Sl. No	Particulars	2024-25 (Projected)
1	2	3
1	Number of employees as on 1st April	3198.00
2	Number of employees recruited during the year	0.00
3	Number of employees on deputation / foreign service as on 1st April	0.00
4	Total Number of employees (1+2+3)	3198.00
5	Number of employees retired/ retiring during the year	0.00
6	Number of employees at the end of the year (4-5)	3198.00

EMPLOYEES PRODUCTIVE PARAMETERS

Sl. No	Particulars	2024-25 (Projected)
1	2	3
1	Energy sold in MU	60.83
2	Employees per MU of energy sold	52.57
3	Power station installed capacity own generation (MW)	62.79
4	Employees per MW of capacity for generating company	50.93

INVESTMENT PLAN (SCHEME - WISE)

(Rs. In Lakhs)

Sl. No.	Name of Scheme/ Project	Approved Outlay	2021-22 (Actual)	2022-23 (Estimated)	Progressive Expenditure upto Ensuing year
1	2	3	4	5	6
1	New HEP/renovation of existing HEP/civil structures etc.	Details FY 2021-22 & FY 2022-23 are provided in Annexure- 9 & 10			

INVESTMENT PLAN (YEAR - WISE)

(Rs. In Lakhs)

Sl. 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	2021-22	Details FY 2021-22 & FY 2022-23 are provided in Annexure- 9 & 10				
2	2022-23					