

File No.PLNG-11014(11)/1/2023-O/o, DIR-SP-FPID / 660

Computer No.136097)

GOVERNMENT OF ARUNACHAL PRADESH DEPARTMENT OF FINANCE, PLANNING & INVESTMENT (PLANNING & INVESTMENT DIVISION) A.P. CIVIL SECRETARIAT:: ITANAGAR

Dated, the 13th September 2023

To

The Chief Engineer (Hydropower-D&P) Govt. of Arunachal Pradesh, Itanagar.

Subject:

Allocation of Fund for Plan Activities under Budget Estimates 2023-24.

Sir.

In continuation to this department's letter No.PLNG-11014(14)/1/2023-O/o, DIR-SP-FPID-Part(1) /2010 dated 24th April 2023, I am forwarding herewith the schematic breakup of the fund of **Rs.6265.96 lakh** allocated for plan activities under Budget Estimate 2023-24 of the **Hydropower Department** vetted by the Planning & Investment Division for further necessary action.

- 2. All other terms and conditions for the implementation of schemes issued vide Order No. PLNG-11014(14)/1/2023-O/o, DIR-SP-FPID-Part(1)/2010 dated, the 24th April 2023 shall remain applicable.
- 3. Non-compliance of the aforementioned orders/instructions will be the sole responsibility of the concerned officer.
- 4. This is issued with the approval of Hon'ble Deputy Chief Minister (i/c Finance, Planning & Investment).

Yours faithfully,

Enclo: As stated above.

(R.K. Sharma), IAS Secretary (Planning & Investment)

Memo No.PLNG-11014(11)/1/2023-O/o, DIR-SP-FPID

Dated, the 13th September 2023

Copy for information to:

- 1. The Commissioner to Hon'ble Chief Minister, GoAP, Itanagar.
- 2. The PS to Hon'ble Deputy Chief Minister, GoAP, Itanagar.
- 3. The Under Secretary to the Chief Secretary, GoAP, Itanagar.
- 4. The PS to Principal Secretary (Finance), GoAP, Itanagar.
- 5. The SPA to Commissioner (Hydropower), GoAP, Itanagar.
- 6. The Secretary (Finance), GoAP, Itanagar.
- 7. The Joint Secretary (Budget/Finance), GoAP, Itanagar.
- 8. The Director (PC/ Monitoring), GoAP, Itanagar.
- 9. Office copy

(R.K. Sharma), IAS

Secretary (Planning & Investment)



ANNUAL DEVELOPMENT AGENDA, 2023-24 (Summary Statements)

Name of the Department :- Hydropower

Rs. In lakh

SI No.	Head of Development	Revised Outlay of Annual Plan 2022-23	Expenditure incurred during 2022-23	ADA, 2023-24	Remarks
1	2	3	4	5	6
I	Pre-budget Surrender	0.00	0.00	0.00	PBS
II	Development Activities	8325.51	1025.00	6265.96	
a)	On-Going Schemes	7300.51	0.00	3,127.25	DP-I
b)	New Schemes			888.71	DP-II
c)	Stipend/Book Grant	0.00	0.00	0.00	DP-III
d)	Grants in aids	0.00	0.00	0.00	DP-IV
e)	Maintenance of Assets	800.00	800.00	1,750.00	DP-V
f)	Others (Maintenance expenditure/ procurement of medicine / procurement of text book etc)	225.00	225.00	500.00	DP-V
III	Budget Announcement	0.00	0.00	999.74	BA (Col-7/8/10) DP-VI
IV	Carry forward liabilities of LFY 2022-23	2268.42	0.00	2268.42	2
٧	State Share	0.00	0.00	0.00	
VI	Тор-Uр	0.00	0.00	0.00	,
VII	Centrally Sponsored Schemes	0.00	0.00	0.00	
	Grand Total (I+II+III+IV+V+VI+VII)	9568.93	0.00	9534.11	



OUTLAY AND EXPENDITURE OF ON-GOING SCHEMES

DP - I

				Estimat	ted Cost	Revised	Expenditure	Achiveme	nt till date	Projection / target 2023-24		Remarks/
SI. No	Name of works	District	Year of taking up	Original	Revised	Outlay of Annual Plan 2022-23	incurred during 2022- 23	Financial	Physical	Financial	Physical	Target date of completion
1	2	3	4	5	6	7	8	9	10	11	12	13
ı	Hydel Generation											
1	Shyaro SHP (2 x 1500 kW)	Tawang	2022	5136.85		370.00		870.00	37%	100.00		
2	Mago MHP Ph-II (2 x 50 kW) (SH: T & D line)	Tawang	2022	425.51	440.51	415.50		425.50	90%	15.00	100%	RIDF - XXVII
3	Taksang Gompa MHP Ph-II (2 x 50 kW) (SH: RCC Aquaduct and Power Channel)	Tawang	2022	343.99	369.91	333.99		349.99	100%	25.92	100%	RIDF - XXVII
4	Ditchik MHP (1 x 100 kW)	West Kameng	2022	326.67	395.33	316.67		326.67	100%	68.66	100%	RIDF - XXVII
5	Pange MHS (2 x 1000 kW) at Hakhe Tari	Lower Subansiri	2021	3644.69		500.00		1004.00	28%	100.00	30%	
6	Kush MHS at Sangram (2 x 1000 Kw)	Kurung Kumey	1991	2570.00	4883.19			4882.90	93%			
7	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)	Kurung Kumey	2021	289.00		104.56		194.56	67%	94.44	100%	,
8	Fure MHP at Damin (1 x 50 Kw)	Kurung Kumey	2010	238.69	370.24	10.55		370.24	100%			
9	Parlo MHP at Parsiparlo (2 x 250 kW)	Kurung Kumey	2020	1125.00		126.20		239.30	21%	50.00	26%	
10	Hotarang MHP (2 x 50 kW) at Huri	Kurung Kumey	2022	341.00	351.00°	331.00		341.00	100%	10.00	100%	RIDF - XXVII
11	Pagu MHS Under Palin Circle (2x1000 kW)	Kra Daadi	2009	2274.00	3277.72			3081.72	95%	196.00	100%	
12	C/o Kari MHS at Tayo (2 x 200 kW)	Kra Daadi	2023	1010.00		17.00		17.00	2%	50.00	7%	
13	Paley MHS (2 x 250 kW) at Sangrik Ringio of Hapuk Village	Kra Daadi	2023	1725.00		22.00		22.00	1%	50.00	4%	,
14	Turung SHP (2 x 1500 kW) at Heyte under Chambang Circle	Kra Daadi	2023	5266.00		53.00		53.00	1%	50.00	2%	
15	C/o Sibe MHS (3 x 100 kW)at Taramori	Lower Siang	2022	1068.26		54.46		54.46	5%	200.00	24%	
16	C/o Mabung SHP (2 x 500 kW)	Siang	2022	2981.00		140.00		140.00	5%	200.00	11%	
17	C/o Seh MHS (2 x 250 kW) near Chengrung at Tato	Shi-Yomi	2022	1323.65		10.00		10.00	1%	176.80	14%	

	V. of A.			Estimat	ted Cost	Revised	Expenditure incurred	Achiveme	ent till date		n / target 3-24	Remarks/
SI. No	Name of works	District	Year of taking up	Original	Revised	Outlay of Annual Plan 2022-23	during 2022- 23	Financial	Physical	Financial	Physical	Target date of completion
1	2	3	4	5	6	7	8	9	10	11	12	13
18	C/o Sarum Nallah MHS Near Lungte (1 x 50 kW)	Shi-Yomi	2021	227.17	244.17	217.17	c	227.17	100%	17.00	100%	Liabilities to be cleared - RIDF - XXVII
19	C/o Didu MHS at Didu (1 x 25 kW)	Shi-Yomi	2021	154.97	170.97	144.97		154.97	100%	16.00	100%	Liabilities to be cleared - RIDF - XXVII
20	C/o Higung MHS at Palling (1 x 30 kW)	Upper Siang	2021	159.29	174.29	149.29		159.29	80%	15.00	100%	Liabilities to be cleared - RIDF - XXVII
21	C/o Garh Nallah MHS (2 x 50 kW)	Dibang Valley	2021	292.82	302.82	282.76		292.82	80%	10.00	100%	Liabilities to be cleared - RIDF - XXVII
22	C/o Ire Nallah MHS at Maroli (2 x 25 kW)	Dibang Valley	2021	219.41	230.41	209.41		219.41	80%	11.00	100%	Liabilities to be cleared - RIDF - XXVII
23	C/o Aha Afra MHS at Abrango (2 x 50 kW)	Lower Dibang Valley	2021	301.60·	310.60	291.60		301.60	80%	9.00	100%	Liabilities to be cleared - RIDF - XXVII
24	C/o Preet MHS at Mazgaon (2 x 25 kW)	Changlang	2021	314.87	327.87	304.87		314.87	90%	13.00	100%	Liabilities to be cleared - RIDF - XXVII
25	C/o Dichu Nallah MHS near Kaho Village (1 x 100 kW)	Anjaw	2021	308.49	322.49	298.43		308.49	100%	14.00	100%	Liabilities to be cleared - RIDF - XXVII
	Total of (I)			32067.93	12171.52	4703.43	0.00	14360.96		1491.82		
	Hudal Immercent											
1	Hydel Improvement Re-rating of Kitpi Ph-I MHS for 3 x 500 kW to 2 x 750 kW in Tawang District	Tawang	2022	1268.04		813.29		853.29	65%	40.00	100%	
2	FDR of Shaikangchu Hydel Station (3 x 2000 kW) at Gongkhar	Tawang	2022	549.15		100.15		200.15	36%	100.00	100%	
3	Renovation & Modernization work of Sessa MHS (3 x 500 kW)	West Kameng		1067.15	1807.41	250.00		1417.15	78%	100.00	100%	
	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.	West Kameng	2020	95.00	330.86	170.00		247.50	75%	83.36	100%	

	Covt of A.P.			Estimat	ted Cost	Revised	Expenditure incurred	Achiveme	nt till date	Projection / target 2023-24		Remarks/
SI. No	Name of works	District	Year of taking up	Original	Revised	Outlay of Annual Plan 2022-23	during 2022- 23	Financial	Physical	Financial	Physical	Target date of completion
1	2	3	4	5	6	7	8	9	10	11	12	13
5	Special repair of Angkaling MHS (1 x 30 kW)	West Kameng	2020	15.00	75.00	22.05		57.05	76%	17.95	100%	
6	De-rating of Khadi Yabey MHS (2 x 50 kW)	West Kameng	2021	219.00		50.00		155.00	71%	64.00	100%	
7	R & M of Dirang SHP (4 x 500 kW)	West Kameng	2023	1602.31		29.00		29.00	2%	100.00		
8	Special repair of Kade Nallah MHS (1 x 50 kW)	East Kameng	2021	150.46		15.00		52.00	35%	20.00	100%	
9	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.	Pakke Kessang	2020	50.00	332.06	258.00		332.86	38%		100%	
10	RMO Tago, Mai Ph-I, Ph-II and Daporijo	Lower Subansiri	2022	84.86		10.00		30.00	35%	15.00	100%	
11	Re-construction of rain damage works, security compound wall and additional EM items of Kush MHS (2 x 1000 kW) at Sangram	Kurung Kumey	2023	900.00		52.65		52.65	6%	100.00		
12	C/o Protection work to Feeder channel of Payu MHS (2x500 kW) at Koloriang	Kurung Kumey	2023	38.00		30.00		30.00	79%	8.00	100%	
13	Special repair of Chate MHS (1 x 30 kW)	Kra Daadi	2020	7.00	79.37			78.50	99%	0.87	100%	
14	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)	Kra-Daadi	2023	452.00		10.00	·	10.00	2%	100.00		
15	Improvement of Krawti Nallah MHS (Sub Head: Installation of New 100 kW Francis Turbine, Generator, Electronics Governor, Panel Board etc.). Sub-Station etc.) FDR of Subbung SHP (2 x 1500 kW)	Anjaw Siang	2021	150.00 489.00		81.06 339.00		111.06 461.00	75% 94%	38.94 28.00	100%	

	Gove of A.S.			Estima	ted Cost	Revised	Expenditure	Achiveme	nt till date	Projection / target 2023-24		Remarks/
SI. No	Name of works	District	Year of taking up	Original	Revised	Outlay of Annual Plan 2022-23	incurred during 2022- 23	Financial	Physical	Financial	Physical	Target date of completion
1	2	3	4	5	6	7	8	9	10	11	12	13
17	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)	Siang	2022	75.00		25.00		25.00	33%	50.00	100%	
18	Raising of power channel of Yingkiong Ph-I and Ph-II MHS	Upper Siang	2022	30.00		10.00		10.00	33%	20.00	100%	
	Reconstruction of Power channel at sinking area of Gossang MHS (2 x 250 kW) 70 mtr.	Upper Siang	2022	35.00		8.00		8.00	23%	27.00	100%	
20	Replacement of penstock pipe at Selli MHS at Geku (2 x 250 kW)	Upper Siang	2022	95.00		10.00		10.00	11%	85.00	100%	
21	Renoviation of Fire ravaged B/Barrack at Aalo Hydro Power Division Complex	West Siang	2022	20.00		5.00		5.00	25%	15.00	100%	
22	Overhauling of turbine of Awapani MHS at alinye(2x250KW)	Dibang Valley	2022	30.00		15.00		15.00	50%	15.00	100%	
23	C/o Protection D/ Stream Apron of Diversion wier & Providing Cover Slab on Feeder of Pasighat MHS (2x100 kW)	East Siang	2022	30.00		5.00		5.00	17%	25.00	100%	
	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)	East Siang	2022	38.00		8.90		8.90	17%	29.10	100%	
25	Replacement of OPU and power pack of Liromoba MHS (2X1000KW)	West Siang	2022	20.00		8.00		8.00	40%	12.00	100%	
26	Complete overhauling and repair of Turbine of Unit-II Control Panels, Governor, VCB, modification of OPU etc of Sirikorong MHS (2x250 kw). complete. (SH:EM Works)	Shi-Yomi	2022	50.00		5.50		5.50	11%	44.50	100%	

	Covt. of A.P.			Estimat	ted Cost	Revised	Expenditure	Achiveme	nt till date		n / target 3-24	(Rs. in lakn) Remarks/
SI. No	Name of works	District	Year of taking up	Original	Revised	Outlay of Annual Plan 2022-23	incurred during 2022- 23	Financial	Physical	Financial	Physical	Target date of completion
1	2	3	4	5	6	7	8	9	10	11	12	13
27	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)	Shi-Yomi	2022	20.00		3.00		3.00	15%	17.00	100%	
28	Special repair Feeder channel of Awapani MHS at Alinye (2X250 KW)	Dibang Valley	2022	35.00		5.25		5.25	15%	29.75	100%	
29	Complete repair of OPU, Governor of pentaflow make horizontal Francis TG set no.1 of Awapani MHS (2X250KW) at gepuline.	Dibang Valley	2022	25.00		8.75		8.75	35%	16.25	100%	
30	Special repairing of Langpani MHS (2 x 200 kW) (SH: E&M works)	Anjaw	2022	37.00		5.55		5.55	15%	31.45	100%	
31	Installation of additional 1 (one) Unit of Yapak Nallah MHS (SH: Installation of additional 1 (one) unit of 100 kW)	Anjaw	2022	150.00		15.50.		15.50	10%	134.50	100%	
32	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)	Anjaw	2022	55.00		8.25	=	8.25	15%	46.75	100%	
33	Improvement of Sumhok Nallah MHS (2X50KW)	Tirap	2022	50.00		11.34		11.34	23%	38.66	100%	
	Total of (II)			7931.97	2624.70	2388.24		4275.25		1453.08		
III	Buildings											
1		West Kameng	2021	100.35		10.00		55.00	55%	45.35	100%	
	9	Lower Subansiri	2020	300.00	887.09	50.00		134.21	15%	50.00	21%	
3	C/o Office building for AE at Palin	Kra Daadi	2021	68.84		36.84		66.84	97%	2.00	100%	
4		East Kameng		81.00		17.00				10.00	10%	

	Covi of A.P	Estimated Cost Revised Incurred Achivement till of incurred		nt till date	Projectio 2023	n / target 3-24						
SI. No	Name of works	District	Year of taking up	Original	Revised	Outlay of Annual Plan 2022-23	during 2022-	Financial	Physical	Financial	Physical	Remarks/ Target date of completion
1	2	3	4	5	6	7	8	9	10	11	12	13
	Extension of Jal Vidyut Bhawan, DHPD, Itanagar	Papum Pare	2023	463.00		50.00		50.00	11%	50.00	22%	
6	C/o AE Civil office building at Boleng.	Siang	2022	25.00		15.00		15.00	60%	10.00	100%	
7	C/o 5 Men Bechelor Barrack staff quarter	Namsai	2022	45.00		30.00		30.00	67%	15.00	100%	
	at Namsai											
	Total of (III)			1083.19	887.09	208.84		351.05		182.35		
	GRAND TOTAL		1	41083.09	15683.31	7300.51	0.00	18987.26		3127.25		



C/o One man Bachelor Barrack at Krawti Nallah MHS(2 x 50 kW)

PROPOSAL FOR NEW SCHEMES / NEW SERVICES

DP - II

(Rs. in lakh)

SI. No	Name of works	District	Estimated Cost	Provision of fund during 2023-24	Physical Target for 2023-24	Target date of completion	*Remarks
1	2	3	4	5	6	7	8
1	Hydel Generation		0.00	0.00			
II	Hydel Improvement						
1	Khinmey Gonpa Rain Damage (SH: Intake Weir)	Tawang	17.53	17.53	100%		
2	Replacement of damaged battery charger by 24V,200AH Charger battery,2v,200AH-12 Nos,replacement of breaker panal 1 and replacement of bottom Nozzle of unit-2 of nuranang Ph-II MHS(2X500KW)	Tawang	23.45	23.45	100%		
3	Modification of OPU systems of Unit No. I & II by replacing of Solenoid valves, Direction valves, Proportional Valaves and Accomolators etc. of Nuranang MHS Ph-I (3 x 2000 kW)	Tawang	57.00	28.00	50%		
4	C/o Additional Desilting tank for Zhangdongrong MHS (2 x 500 kW)	West Kameng	30.00	30.00	100%		
5	Restoration and Maintenance of Zhangdongrong MHS (2 x 500 kW) (SH: Trash Rack & Intake Chamber)	West Kameng	17.00	17.00	100%	6	
6	Restoration work of Ditchik MHP(1X100KW)	West Kameng	21.00	21.00	100%		
7	Special Repair and Maintenance of Watte-Mame MHS (1 x 50 kW) at Waii Village	East Kameng	18.72	18.72	100%		
8	Special Repair and Maintenance of Power House Building of Pacha SHP (2 x 1500 kW) at Seppa	East Kameng	22.47	22.47	100%		
9	Re-construction of rain damage Intake weir, Power channel, Penstock Pipe and Anchor Block of Payu MHS (2 x 500 kW) at Koloriang	Kurung Kumey	50.00	25.00	50%		
10	Insatallation/ construction of new switch yard with 75 kVA, 0.415/11 kV strp-up Transformer and its accessories i/c Civil works of Silli MHS (1 x 30 kW)	Upper Siang	23.00	23.00	100%		,
	Total of (II)		280.17	226.17			
Ш	Buildings						
1	Rennovation of SE Office at Bomdila	West Kameng	49.00	10.00	45%		
2	C/o Compund Wall for Seppa Hydro Power Division office, Wessang	East Kameng	19.65	19.65	100%		
3	C/o Boundary Wall for Power House of Rapo MHS (2 x 100 kW) at Jayang Bagang	East Kameng	22.34	22.34	100%		
4	Special Repair & Maintenance of Bachelor Barrack of Pacha SHP (2 x 1500 kW)	East Kameng	10.00	10.00	100%		
5	C/o Approach road and Entry Gate with Sliding Door at DHPD Office Complex, Itanagar	Papum Pare	21.29	21.29	100%		
6	Special Repair & Maintenance of Residential and Non-Residential Building under Daporijo Division	Upper Subansiri	20.00	20.00	100%		
7	C/o 2 men Bachelor Barrack for operational staff at Huri	Kurung Kumey	10.00	10.00	100%		
8	C/o One Room Barrack cum Store House at Ruhi Village under Tali ADC Hq.	Kra Daadi	5.00	5.00	100%		
9	C/o One man Pacholar Parrack at Krouti Nallah MUS/2 v 50 kM/)	Aniou	10.00	2.00	20%		

Anjaw

Total of (III)

10.00

167.28

2.00

120.28

20%

SI. No	Name of works	District	Estimated Cost	Provision of fund during 2023-24	Physical Target for 2023-24	Target date of completion	*Remarks
1	2	3	4	5	6	7	8
IV	Survey & Investigation						
1	S & I over river Rima near Songken Village (2 x 150 KW)	Changlang	5.00	5.00	100%		
2	S & I over river Yakhulu near Gandhigram (2 x 100 KW)	Changlang	5.00	5.00	100%		
3	S & I over river Tisa near Otongkhua (700 KW)	Longding	5.00	5.00	100%		
4	S & I over river Tehipong near Chanu (1000 KW)	Longding	10.00	5.00	50%		
5	S & I over river chango between a Wakka circle (1000 KW)	Tirap	5.00	5.00	100%		
	Total of (IV)		30.00	25.00			
V	New Scheme			451.30			Subject to clearance of P&I Division
VI	Additional allocation over and above BE provision						
1.	Repair & maintenance of Siru SHEP (3x2) MW at Goli Balek Kamba. (SH:Pwer Channel near Foebay Tank)		42.88	8.58			
2	C/o protection works (retaining wall) and boundary wall at power house of Subbung SHP (2x1500KW) in Siang District.	Siang	86.90	17.38			
3	C/o Office Building of Hydro Power Division, Yatdam	Changlang	150.00	30.00			
4	C/o Overhauling of Dry Transformer 3.3/33 KV 2.5 MVA transormer , ACB of Sippi SHP (2x 2000 KW) and Station Transormer GOAB gang of other Micro Hydro Plants, Upper Subansiri District.	Upper Subansiri	50.00	10.00			
	Total of (VI)		329.78	65.96			
	Grand Total		807.23	888.71		5	



Specific Schemes with various component- 2023-24

						(Rs. in lakn)
SI. No	Name of scheme	District	Provision during 2022-23	Expenditure incurred during 2022-23	Provision for 2023-24	Remarks
1	2	3	4	5	6	7
Α	For Maintenance of Assets					
1	Roads & Bridges					
2	Buildings					
(i)	Maintenance of Assets (Hydel Stations / Buildings / petty works / vehicles etc.)		800.00	800.00		Subject to clearance of P&I Division
	Total (A)		800.00	800.00	1750.00	
В	Others		-			
1	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.		125.00	125.00	400.00	Subject to clearance of P&I Division
2	Facilitation of support for Dam Safety Committee and Dam Safety Organization		100.00	100.00	100.00	
	Total (B)		225.00	225.00	500.00	
C.	For Procurement/allocation of Medicine (District wise allocation)					
1						
	Total (C)		0.00	0.00	0.00	
	For Procurement/allocation of Text Book(Number of books procured and districtwise distribution)					
1				,		
	Total (D)		0.00	0.00	0.00	
	Total (A+B+C+D)		1025.00	1025.00	2250.00	