



BE, 2020-21

Name of Department: Hydropower

(Rs. in lakh)

2019-20		Sl. No.	Head of Development / Account	Budget Estimate 2020-21
Budget Estimate	Revised			
1	2	3	4	5
		A	DEVELOPMENT ACTIVITIES (Department shall furnished schematic details for vetting of Planning & Investment Division before incurring any expenditure)	
		1	On-going Schemes	5843.49
		2	New Schemes	
		3	Maintenance of Assets	
6350.00	5243.50		Total : (A)	5843.49
		B	CCI	
		1	Survey and investigation over Tirap river for 10MW near Thamjang village and 25MW near Changlang HQ.	50.00
		2	Reconstruction of Awapani MHS at Aliaye and Rupapani MHS at Punli.	150.00
0.00	0.00		Total (B)	200.00
		C	Carry forward liabilities of previous year	
		(a)	Normal Development Activities	
			Hydel Improvement	
50.00	25.00	1	Repairing of Damaged generator (2500 KVA) of Unit No. II of Nuranang Ph-I (3 x 2 MW)	25.00
20.00	10.00	2	Reconstruction of Spillway and Power Channel of Mago MHS (2 x 50 kW) at Mago (SH: Length of Spillway = 50.0 mtr. & Power Channel = 150.0 mtr.)	10.00
20.00	10.00	3	Realignment of Power Channel and feede channel of Shakti Hydel Station (2 x 50 kW)	10.00
20.00	10.00	4	Reconstruction of Power Channel, Spillway and Sluice Valve of Tsechu MHS (2 x 50 kW) at Tsechu	10.00
20.00	10.00	5	Reconstruction of Spillway Channel , Scour Pipe and Forebay Tank of Thingbu MHS (2 x 50 kW)	10.00
20.00	10.00	6	C/o Desilting Tank of Challengkang Ph-I & Ph-II (1 x 30 kW)	10.00
35.00	17.50	7	Reconstruction of rain damages of Power Channel of Zhagdongrong Hydel Station (2 x 500 kW) (SH: Length of Power Channel = 35.00 mtr., Retaining wall = 25.0 mtr. & slip clearance = 40.0 mtr.)	17.50
95.00	47.50	8	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.	47.50
15.00	7.50	9	Special repair of Angkaling MHS (1 x 30 kW)	7.50
15.00	7.50	10	Special repair of Dokumpani MHS (1 x 30 kW)	7.50
150.00	75.00	11	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)	75.00
50.00	25.00	12	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.	25.00
30.00	15.00	13	Reconstruction of rain damages of Spillway Channel of Sippi SHP (2 x 2000 kW) (SH: Length of Spillway Channel = 35.20 mtr. & Retaining wall 35.20 mtr.)	15.00
20.00	10.00	14	Special repair of Penstock pipes, expansion joints and other hydromechanical equipments of Dulom MHS (2 x 200 kW) including extension of Spillway Channel & Protection work (SH: Expansion Joints = 5 Nos. & length of Spillway Channel = 118.00 mtr.)	10.00
15.00	7.50	15	Special repairs & maintenance of Sikin Koro MHS (2x100 kW) at Bui (SH : Re-construction of rain damaged Power Channel & EM works).	7.50
75.00	37.50	16	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.)	37.50
7.00	3.50	17	Special repair of Chate MHS (1 x 30 kW)	3.50
75.00	37.50	18	C/o Cross drainage works (Aqueducts & culvert) at Pagu MHS (2 x 1000 kW) at Choba	37.50
200.00	100.00	19	Repair, replacement & refurbishment of damaged EM equipments of Angong Nallah MHS	100.00
90.00	45.00	20	Rectification works of spillway of Angong Nallah SHP (3 x 1500 kW)	45.00
10.00	5.00	21	Special repair of Singha MHS (1 x 30 kW)	5.00
30.00	15.00	22	Special repair of Sirnyuk SHP (2 x 1000 kW) (SH: Supply, erection, testing and commissioning of electronic governor & SEU panel)	15.00
25.00	12.50	23	Special repair of Kopu MHS (1 x 250 kW) (SH: Supply, erection, testing and commissioning of TG control panel i/c OPU)	12.50
10.00	5.00	24	Repair and maintenance of Gossang MHS (2x 250 kW) (SH: Repairing of Electronic governor and synchronizing panel)	5.00



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Budget Estimate	Revised			5
1	2	3	4	5
15.00	7.50	25	Special repair of Yingkiong Ph-II MHS (2 x 100 kW) (SH: supply, erection, testing & commissioning of ELC panel with dummy load tank)	7.50
15.00	7.50	26	Special repair of Sille MHS (2 x 250 kW) at Geku	7.50
30.00	15.00	27	Special repair of E&M equipments of Pasighat MHS (2 x 100 kW)	15.00
15.00	7.50	28	Upgradation of existing switchyard for Pasighat MHS (2 x 100 kW)	7.50
24.00	12.00	29	Special repair of Electro-Mechanical equipments of Kamba SHEP (3 x 2 MW) including replacement of all worn out equipments like CT, PT, LA and insulators etc. and Installation of New Electronic Governor for Unit-I.	12.00
40.00	20.00	30	Special repair of Liromoba SHP (2 x 1000 kW) (SH:- Repairing of AVR panel and CT/PT) i/c EM works	20.00
10.00	5.00	31	Special repair of Aalo MHS (4 x 100 kW)	5.00
60.00	30.00	32	Special repair of Dali MHS (4 x 100 kW) (SH:- Civil and E&M Works)	30.00
25.00	12.50	33	Special repair of Pagi SHP (2 x 50 kW) (SH:- E & M Works)	12.50
10.00	5.00	34	Special repair of Sirikorong MHS (2 x 250 kW) (SH: Weir Intake).	5.00
50.00	25.00	35	Modification of Spillway of Subbung SHP (2x1500Kw)	25.00
50.00	25.00	36	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).	25.00
30.00	15.00	37	Spl. Repair of Awapani MHS (2 x 250 KW) at Gepuline	15.00
15.00	7.50	38	Special repair of damaged weir intake at Chini Afra MHS (1 x 250 kW)	7.50
8.00	4.00	39	Restoration works of Chu Nallah MHS (2 x 15 kW)	4.00
15.00	7.50	40	Modification of Turbine Governing system of Tafragam MHS (1x250Kw)	7.50
25.00	12.50	41	Repairing of Penstock pipe and Governing system maintenance of Tafragam MHS (1 x 250Kw)	12.50
10.00	5.00	42	Special repair of Mati Nallah MHS (2 x 250 KW) (EM Works)	5.00
35.00	17.50	43	Special repair ing of Teepani MHS (2 x 250 kW) (SH: E&M works)	17.50
20.00	10.00	44	Renovation of control panel of Charju MHS (3 x 250 kW)	10.00
25.26	12.63	45	Restoration of damaged power channel and improvement of governing system of Unit-I of Tirathju MHS (4 x 250 kW)	12.63
30.00	15.00	46	Special repair of Tinning MHS (2 x 30 kW) (SH: Reconstruction of feeder channel)	15.00
116.24	58.12	47	Special repair of Tissue MHS Ph-I (4 x 100 kW)	58.12
			Buildings	
15.00	7.50	1	C/o Office Building of Jang Civil Sub-Division at Jang	7.50
12.76	6.38	2	C/o residential building for staff quarter under Lumla Civil Sub-Division (T-III/1 No. & T-II/1 No.)	6.38
20.00	10.00	3	CC Flooring to DHPD Residential complex at Itanagar	10.00
25.00	12.50	4	Slab cover on Nallah of DHPD Residential Complex	12.50
25.00	12.50	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)	12.50
12.75	6.38	6	C/o SE's Office Building Cum Residential buidlings for newly shifted Subansiri Basin to Ziro (SH: Office Bldg.-1 No. T-V/1 No., T-III/2 Nos., T-II/4 Nos. & Bachelor Barrack - 5 Units)	6.38
10.00	5.00	7	C/o Staff Quarter for JE at Tali (SH: T-III/1 No.)	5.00
12.00	6.00	8	C/o staff quarter at intake & forebay tank of Angong nallah (SH: 4 men B/barracck)	6.00
10.00	5.00	9	Infrastructure development of Division office complex at Geku.	5.00
100.00	50.00	10	Security Fencing around Hydro Power Complex at Namsai	50.00
0.00	0.00		Total : (C)	1006.51
			D Budget Announcement	
			Ongoing (including carry forward)	
500.00	350.00	1	Capacity Building, Public Sensitization / awareness / Confidence Building, Development of Software for Monitoring System and Legal / Consultancy Services for Hydro Power Development in Arunachal Pradesh	250.00
500.00	350.00		Total : (D)	250.00
6850.00	5593.50		GRAND TOTAL : (A+B+C+D)	7300.00