## DIBANG MULTIPURPOSE PROJECT (2880 MW), ARUNACHAL PRADESH SIX MONTHLY PROGRESS REPORT ON ENVIRONMENTAL ASPECTS

## PROGRESS FOR THE PERIOD: ENDING MARCH 2025

1.	Name of the Project	Dibang Multipurpose Project (2880 MW)				
2.	Type of the Project	Hydroelectric Power Project				
3.	Clearance Letter(s) OM No. &					
	Date					
	a) Environmental clearance	a) Letter No. J-12011/25/2009-IA.I dated 19.05.2015				
	b) Forest clearance	b) Letter No.8-85/2011-FC dated 15.04.2015 (FC Stage-I)				
		Letter No.8-85/2011-FC dated 12.03.2020 (FC Stage-II)				
4.	Locations					
	a) District(s)	a) Lower Dibang Valley District & Dibang Valley District				
	b) State(s)	b) Arunachal Pradesh				
	c) Latitude	c) 28°11′50″N to 29°25′59″N				
	d) Longitude	d) 95°14′47″E to 95°36′49″ E				
5.	Address for Correspondence					
	a) Address of concerned	a) Executive Director,				
	Project Head (with pin code,	Dibang Multipurpose Project, NHPC Limited				
	telephone / fax nos.)	Mayu Sector, P.O. Roing,				
	telephone / lax nos./	Distt. Lower Dibang Valley,				
		Arunachal Pradesh – 792110				
		Phone: 03803-222002				
	b) Address of concerned HOD	b) Executive Director,				
	in Corporate Office (with	Environment and Diversity Management Division,				
	pin code & Telephone / fax	NHPC Limited, NHPC Office Complex,				
	·	Sector-33, Faridabad,				
	no.)	Haryana - 121 003				
		Phone: 0129-2250111				
		Filone: 0129-2230111				
6.	Details of Environmental	As per <b>Annex-I</b>				
	Management Plans					
7.	Break-up of the Project area	Total land: 5606.70 ha				
	(land details)					
	a) Submergence area (forest &	a) Forest land (USF/ Community land) : 3494.00 ha				
	non-forest)	Non-Forest land (Govt./ Private/WRC) : Nil				
	b) Others	b) Forest land: 1083.84 ha				
		Non-Forest land (Govt./ Private): 1028.86 ha				

0	Bussle up of the Businet offerted	Fully Affacted Fam	silias, 11F*				
8.	Break-up of the Project affected	· ·					
	population with enumeration of	Fully Affected Pop	ulation: 328*				
	those losing houses/dwelling						
	units only, agricultural lands	Partially Affected	amilies: 744*				
	only, both dwelling units and	Partially Affected	Population: 1549*				
	agricultural land and landless	a) SC / ST : 744 (All PAFs are STs.)					
	labourers/artisans.	b) Others : Nil					
	<ul><li>a) SC/ST/Adivasis</li><li>b) Others</li></ul>	* As per Socio-economic survey conducted during EIA & EMP					
	b) Others	studies and Environment Clearance. Final number may vary.					
9.	Financial details			<u> </u>			
	a) Project cost as originally	a) CCEA sanction	ned cost: ₹ 31,876.39 C	rores			
	planned and subsequent		(at Jul 2016 prid	ce level)			
	revised estimates and the	· · · · · ·					
	years of price reference						
	b) Actual expenditure incurred	b) ₹ 3089.42 Crores (as on 31.03.2025).					
	on the Project so far.						
		\\\\\\\_					
	c) Allocations made for the						
	Environment Management	nt					
	Plan						
	d) Actual expenditure incurred	d) ₹260.35 Cror	es (as on 31.03.2025).				
	on EMP so far						
			•	ure made in respect of			
		EMPs and other ac	dditional plans is given	under <b>Annex-I</b> ).			
10.	Forest Land requirements	a) Status of ap	proval for diversion of	of forest land for non-			
10.	a) Status of approval for	forestry use:	provai for diversion d	or forest land for flon-			
	diversion of forest land for	Torestry use.					
	non-forestry use	Diversion of		Approval by			
	non forestry use	Forest land	Non- forestry use	MoEF&CC			
		(ha)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Letter No. & Date			
		1	istrict, Arunachal Prade				
		2454.86	Submergence area.	Letter No. 8-			
		53.00	Roads	85/2011-FC dated			
			2	12.03.2020			
		Lower Dibana Vo	alley District, Arunachal				
		1039.14	Submergence area.	Letter No. 8-			
		1030.84	Project components	85/2011-FC dated			
			, , , , , ,	12.03.2020.			
		4577.84	← Total				

	b)	The status of clear felling of	b)	As per the enumeration carried out by the State Forest
	, , , , , , , , , , , , , , , , , , ,	trees in forest land	۵,	Department in the year 2015, total number of trees to be
		Job III Ioi est Idiid		felled is 60,189.
				·
				APCCF (Cons) & Nodal Officer (FCA) vide letter dated
				27.09.2024 has communicated Government's approval for
				the extraction of Project Affected Trees in phased manner,
				amounting to ₹ 1448.99 lakh# including Royalty on timber ₹
				83,700/- (Annex-II) to DFO, Dibang Forest Division.
				Subsequently, DFO, Dibang Forest Division vide letter dated
				01.10.2024 has raised the demand for the release of 1st
				Instalment of ₹ 755.74 lakh, (Annex-II(A)).
				1 <sup>st</sup> installment of ₹ 755.74 lakh# had been deposited to DFO,
				Dibang Forest Division on 24.12.2024 (Annex-II(B)) and
				subsequently royalty amount of ₹ 83,700/-# had been
				deposited to PCCF, Arunachal Pradesh vide DD No. 738225
				dated 08.01.2025 (Annex II(C)).
				First phase of extraction of Project Affected Trees is in
				progress.
				#The amount does not include 18% GST which is payable
				under Reverse Charge Mechanism.
11.	Sta	tus of construction		
	a)	Date of commencement	a)	27.02.2023 (CCEA - Investment approval by Gol).
		(Actual and/ or planned)		
	b)	Date of completion (actual	b)	26.02.2032
		and/ or planned)		
12.	Rea	asons for the delay (If the	Not	Applicable.
	pro	ject is yet to be started)		
13.	Det	tails of site visits		
	a)	By Monitoring Committee	,	
			a)	Based on the approval of the MDC by the GoAP vide letter
				dated 16.05.2024 (Annex-III), MoEF&CC, Gol vide letter no.
				J-12011/25/2009-IA-I dated 08.10.2024 (Annex-III(A))
				communicated approval of the competent authority
				regarding constitution of Multi-Disciplinary Monitoring
				Committee (MDC) of the Project. Subsequently, as per
				condition #18 of the Environment Clearance letter dated 19 <sup>th</sup>
	b)	By Regional Office		May 2015 and as per above cited approval of MoEF&CC, GoI,
		-		Project proponent has constituted MDC vide letter No.
				NH/DMP/HOP/2024/966 dated 13.11.2024 (Annex III(B)) to
				oversee effective implementation of environment
				safeguards during construction of DMP.
				suregular daring construction of Divir.

		i. Project site was visited by Jt. Director, MoEF&CC's Regional
		Office, Guwahati from 09.02.2022 to 10.02.2022.
		ii. Project site was visited by Shri N. Tam (IFS), PCCF (WL&BD) &
		CWLW, Itanager along with Chief Conservator of Forest,
		Eastern Region, Tezu and State Forest Officials on dt.
		12.09.2024.
		iii. Project site was visited by Additional Director, MoEF&CC's
		Regional Office, Guwahati from dt. 20.03.2025 to 21.03.2025.
14.	Brief note on the status of	The status of compliance of conditions stipulated by MoEF&CC
	compliance of the conditions	while granting environment clearance to the project is enclosed
	stipulated by MOEF&CC.	as Annex-IV.

## Dibang Multipurpose Project (2880 MW) Details of Allocations and Expenditure made in respect of Environmental Management Plans and Other Additional Plans till March 2025

SI.	Name of Environmental Management Plans	Allocated fund	Expenditure incurred
No.		(₹ in lakhs)	(₹ In lakhs)
Cost	t of Environmental Management Plans (A)	1	
1	Biodiversity Conservation and Management Plan	1,785.10	1359.80
2	Catchment Area Treatment	2,395.71	2395.71
3	Fish Management Plan	648.24	-
4	Greenbelt Development Plan	200.00	-
5	Geo-Environmental Management Plan (Plan for	2,312.63	
	control of landslides)		-
6	Muck Disposal Plan	648.40	-
7	Restoration Plan for Quarry Areas	189.62	-
8	Landscaping and Restoration of Construction areas	877.76	
	and Environmental Management in Road Construction		-
9	Public Health Delivery System	1,021.34	-
10	Plan for Solid Waste Management Plan & Sanitation	554.78	
	Facilities in Labour Camps.		-
11	Energy Conservation Measures	170.00	-
12	Concerns raised during Public Hearing	17,100.00	
13	Plan for Protection of Cultural Identity	327.03	
14	Maintenance of Water, Air and Noise Quality	35.00	
15	Disaster Management Plan	590.00	
16	Environmental Monitoring Programme (during	406.37	32.00
	construction phase)		
	Sub-Total (A)	29,261.98	3,787.51
17	Compensatory Afforestation	21,343.65	21,343.65
18	Cutting & Felling (Extraction) of Project Affected Trees	1709.81*	892.76*
	Sub-Total (B)	23,053.46	22,236.41
18	Expenditure already incurred up to June 2016	10.84	10.84
	Sub-Total (C)	10.84	10.84
	Total (A+B+C)	52,326.28	26,034.76

<sup>\*</sup>Amount includes 18% GST

## Status of Compliance of Conditions Stipulated by MoEF&CC, Govt. of India

Cond. No.	Conditions						Status of Compliance	
	N. Sposific Ca	ndi+i-	n.c					
Part-A	A: Specific Co	onaitic	ons					eard also also talk in vidual so technicis.
∋⊒ <b>i</b>	The Catchn proposed undertaken Departmen completed year-wise d	in E in co t an before	IA/ E onsult d m e impo	MP ation ajor oundir	Repo with work ng of r	rt sh State s sh eservo	all be Forest all be oir. The	lakh has been deposited with State
	Treatment	1	2	3	4	5	Total	NH/DMP/HOP/2024/1006 dated
	Measures	year	year	year	year	year	Total	05.02.2024 (Annex-IV(A)) has requested
	Plantation (ha.)	121	s 151	236	168	94	770	PCCF & Principal Secretary (E&F) to direct concerned DFOs of Dibang and
	Engineering	Measu	res					
	Brushwood Check Dam (Nos.)	250	350	380	200	96	1276	Anini Forest Divisions to initiate the implementation of approved CAT plan.
	Contour Bunding (Nos.)	8	20	30	14	10	82	
	Gabion Structures (Nos.)	40	67	62	50	40	259	
	Loose Boulder Check Dams (Nos.)	126	174	190	166	112	768	
	Silt Retention Dams (Nos.)	16	46	34	20	8	124	
ii.	The details	of I	and h	noldin	g of	the I	Proiect	The R&R plan for the PAFs has been
	Affected Pe							prepared based on the provisions of
							Santille STEE	RFCTLARR, Act 2013 and the same has
							been approved by the State Government	
	losing house							
	Compensati						Land	on 04.12.2019 (Annex-IV(B)).
	Acquisition							Both the Deputy Commissioners of
	2013. Additi the State Policy, 2008	onal p Rehal	rovisi	ons sh	all be	given	as per	Lower Dibang Valley and Dibang Valley Districts have submitted the draft R&R entitlement matrix to GoAP for
	1 Olicy, 2008	•						necessary Govt. Directions, on

		18.09.2023 and 05.12.2023 respectively (Annex-IV(C) & Annex-IV(D)).
iii.	A Monitoring Committee for R&R shall be constituted which must include representatives of Project Affected Persons including from SC/ST category and a woman beneficiary.	A Monitoring Committee for R&R shall be constituted in consultation with the State Government, simultaneously with the implementation of R&R plan by the respective DCs, being Administrator R&R.
iv.	All the commitment made during the public hearings shall be fulfilled completely by the developer.	Shall be complied.
V.	Dumping and consolidation/compilation of the muck shall be carried out only in the designated muck dumping sites as submitted in the EIA/EMP report. As per the proposed muck disposal plan given in your EIA/EMP out of the 233 lakh m³ of muck to be generated (with 25-60% swelling factor) 35 lakh m³ will be utilized for construction purpose and remaining 198 lakh m³ will be dumped at 3 designated disposal sites in an allocated area of 112.62 ha. The dumping sites shall be more than 30 m away from the HFL of the river and the Toe walls for Muck disposal sites shall be constructed at least 30 m away from the HFL of River Allocated grant of Rs. 648.40 lakhs shall be fully utilized and not to be diverted for any purpose.	Shall be complied.
vi.	A minimum environmental flow of 20 cumecs shall be maintained throughout the year though an un-gated opening. Moreover, at least one turbine out of 12 turbines shall be operated 24 hours in full/part load throughout the year, which will provide the sufficient discharge downstream of TRT outlet with adequate depth and velocity of water for sustenance of the aquatic life in the downstream continuous monitoring system for the flow measurement shall be installed and data be displayed at appropriate site for civil society and stacke holders. Six monthly results shall submitted to the Regional Office of the Ministry and SPCB.	

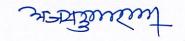
vii.	Proposed compensatory afforestation program	₹ 21,34	3.65 Lakh has be	een deposited
	in 9155.68 ha of land at in Dibang Forest	with St	ate CAMPA for	compensatory
,	Division, Lower Dibang Valley District; Anini	afforest	ation programme	of the Project.
	Forest Division, Dibang Valley District & Namsai	Followin	ng CA areas we	ere identified
	Forest Division, Lohit District in consultation		the diversion of	
	with Forest Department. A budget of ₹	forest la	nd:	
	15585.21 has been allocation for this purpose	S. No.	Location	Area (ha)
	shall be fully utilized and not to be diverted for	1.	Dipa RF	1192.3269
	any other purpose.	2.	Likabali RF	466.767
		3.	Jaidhol PRF	2500.767
	CORRESPONDE ASSAULT	4.	Dibang RF	868.862
		5.	Deopani RF	555.949
		6.	Bhismaknagar VRF	173.12
	The could be supported to the state of the s	7.	Kerim RF	113.699
	acceptanced Office School	8.	Tengapani RF	1000.00
		9.	Amartala RF	2286.00
			Total	9157.49
		complet (copies of Project NH/DMF 05.02.20 PCCF & F status of carried of	that the CA worked at the designate enclosed as Annex-vide less (Annex-IV(A)) the fincipal Secretary of fund utilization but under Dibang see got submitted.	ed sites of CA  IV(E))  tter No. dated has requested (E&F) that the of CA works
viii.	To enhance the environment of project site,		complied.	
	greenbelt as proposed in the EIA/ EMP Report,	2		
	shall be developed. The proposed greenbelt	,		
	along appurtenances shall be undertaken on			
	hectare using 27 different plant species should			
		4		
	be undertaken in consultation with State Forest			
	Department. State Forest Department. The			
	allocation budget at ₹ 200 lakhs shall be fully			
	utilized for this purpose and not to be diverted			
	to any other purpose.			
ix.	The Biodiversity Conservation and Wildlife	As per	the approved EM	P. total cost
	Management Plan shall be taken up as outlines		ed for Biodiversity	
	in the EMP and as submitted vide letter no.	A STATE OF THE STA	agement Plan is ₹	
	the Livi and as submitted vide letter 110.			

NH/PD/Env..115/521 dated 06.03.2014 and out of which State Forest Deptt. has allocated ₹ 11.21 crores for Wildlife implemented in consultation with the State Management Plan (part of Biodiversity Forest Department without any diversion of Conservation & Management Plan), ₹ funds. The allocated budget of ₹ 1785.10 lakhs for Zonal Wildlife 1.52 crores for this purpose shall be fully utilized and not to Conservation Plan in and around Mehao be diverted for any other purpose. A report of Wildlife Sanctuary and ₹ 0.59 crore for implementation shall be included in the six Alternate Habitat/Home for Avifauna. monthly progress and compliance report to be The above stated funds have already submitted to the Ministry including its Regional been deposited by NHPC in State Office. CAMPA. Project vide letter No. NH/DMP/HOP/2024/1006 dated 05.02.2024 (Annex-IV(A)) has requested PCCF & Principal Secretary (E&F) to direct the concerned DFOs i.e DFO, Mehao WLS; DFO, Dibang Forest Division and DFO, Anini Forest Division to initiate the implementation of the requisite plans accordingly. Further it has been requested that balance works as per the approved Conservation Biodiversity Management Plan (excluding the above three components), amounting ₹ 4.53 crores may also be got initiated through the concerned DFOs. Equipment likely to generate high noise levels Being complied at construction sites shall meet the ambient noise standards as through the Contractors in place. notified under Noise Pollution (Regulation & Detailed report is enclosed as Annex - IV Control) Rules 2000 as amended in 2010 under (1) the Environment Protection Act (EPA) 1986 for this necessary insulation arrangements etc. to be ensured. Shall be complied. The fishery conservation and management plan as proposed in the EMP shall be implemented as proposed in the EMP shall be implemented completely with the Fisheries Department, Government of Arunachal Pradesh. The development fish hatchery for warm water fish at Ashupani & cold water fish of Etalin shall be taken up with the help of State Fishery Department. A budget of ₹ 648.24 lakhs provided for fishery conservation and

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	management plan should be fully utilized for this purpose and not be diverted for any other purpose.					
xii	The environmental clearance is subject to obtaining prior clearance from forest angle and wildlife angle, including clearance from the Standing committee of the NBWL, if required.	St M ar	tage loEF nd 1 roje	-II) have -&CC vid 2.03.202 ct is not t	already bee e letters dat 20, respectiv falling under	ces (Stage-I & en accorded by ed 15.04.2015 ely. any protected from Standing
xiii	Grant of environmental clearance does not necessarily imply at forest clearance shall be automatically granted to the project as forest clearance shall be considered by the respective authorities on their merits and decision taken	Re	equi age	site For	already bee	t required. ces (Stage-I & n accorded by
xiv	accordingly.  If any investment is made in the project, based on environmental clearance so granted, in anticipation of the clearance from forest and wildlife angle, shall entirely be at the cost and risk of the project proponent for which Ministry of Environment , Forests, & Climate Change shall not be responsible in this regards in any matter.	Sta Me Pro	age oEF ojec ea,	-II) have &CC sep et is not f as such	already bee arately. alling under	n accorded by any protected rom Standing required.
XV	Any other clearance required from any other organization/ department should be obtained before commencement of works and commissioning of the Project, as applicable.	fro Co 90	om . ontro 0/20	Arunacha ol Board 23/DMP	al Pradesh S	neen obtained state Pollution No. APSPCB- dated
Part: I	B General Conditions					
i.	Adequate arrangements for providing free fuel like kerosene/wood/LPG shall be made at the project cost for the consumption of laborers to be engaged in the construction work so that indoctrinate felling of trees is prevented.	ha to coi Pro	lab nstr	been pro orers/ w uction \	ovided by th orkers enga works / act	gas cylinders e Contractors ged in various ivities of the ed as under:  Total Amt. (in ₹) 96,791/- 1,20,050/-



3	Dec 2024	67	1,29,280/-
4	Jan 2025	79	1,49,272/-
5	Feb 2025	57	1,06,982/-
6	Mar 2025	69	1,28,655/-
-	Total	389	7,31,030/-

Detailed report of M/s L&T Ltd. and M/s Dibang Power (Lot 4) Consortium is enclosed as Annex - IV (G) & Annex - IV (H).

ii. Medical facilities as well as recreational facilities shall also be provided to the laborers. Best practices have been adopted by the Contractors for providing medical facilities to labourers / workers. A well-equipped First Aid Room along with Ambulance facilities has been provided at the construction site for the preliminary treatment of the labourers/workers. Also, for the major injury, the Contractors tie up with Hospitals furnished with all facilities providing medical facilities to labourers / workers.

Numbers of labourers / workers examined by M/s L&T Ltd. during the period of Oct 2024 to Mar 2025 are as under:

	Total	6740	
6	Mar 2025	1324	Nil
5	Feb 2025	1183	Nil
4	Jan 2025	1269	Nil
3	Dec 2024	867	Nil
2	Nov 2024	1131	Nil
1	Oct 2024	966	Nil
S. No.	Months	No. of labourers examined	Remarks

Detailed report of M/s L&T Ltd. and M/s Dibang Power (Lot 4) Consortium is

		enclosed as Annex - IV (G) & Annex - IV(H).
iii.	The labourers to be engaged for construction works shall be thoroughly examined by health personal and adequately treated before issuing them work permit periodic health checkup during construction period may also be taken up.	Labourers / workers are properly being examined by health personal and adequately treated before issuing them work permit. A Periodic health check-up is also being taken up. Detailed report of M/s L&T Ltd. and M/s Dibang Power (Lot 4) Consortium is enclosed as Annex - IV (G) & Annex - IV (H).
iv.	Water sprinkling arrangements shall be made to suppress the fugitive emissions/dust.	Water sprinkling to check the fugitive emission / dust is deployed as a mandatory part of construction activities. Water sprinkling is being done at construction sites of the Project on regular basis.
		Detailed report of M/s L&T Ltd. and M/s Dibang Power (Lot 4) Consortium is enclosed as Annex - IV (G) & Annex - IV (H).
V.	Potable drinking water and proper sanitary facilities shall be provided for the labour force.  Also proper disposal facilities for solid waste is to be ensured.	Proper arrangements have been made by contractors for providing potable water facilities to labourers / workers engaged in different construction activities. RO system is also installed for providing safe drinking water to labour force.
		Sufficient number of temporary toilets has been constructed to provide proper sanitary facilities to labourers / workers and proper disposal of waste is being ensured by the contractors. Detailed report of M/s L&T Ltd. and M/s Dibang Power (Lot 4) Consortium is enclosed as Annex - IV (G) & Annex - IV (H).
vi.	Restoration of construction area including dumping sites of excavated materials shall be ensured by levelling filing up of borrow pits, landscaping etc. The area should be properly treated with suitable plantation.	Shall be complied at appropriate stage.

vii	Environmental parameters shall be monitored and six monthly monitoring reports shall be submitted to the Ministry of Environment, Forest & Climate Change. New Delhi including its Regional Office for their review.	M/s L&T and M/s Dibang Power (Lot 4) Consortium have hired services of M/s Envirocon, Tinsukia, Assam, a NABL certified Laboratory, for Water and Air Quality Monitoring at various construction sites and locations.  A Digital Environmental Display Board
YOU THE		has also installed at Project Construction Site for continuous display of Environmental Parameters. Tests reports of Environment Monitoring are enclosed as <b>Annex - IV (I)</b> .
VIII	Solid Waste management & sanitation facility will have to be provided for the labour.	Collection and segregation of solid waste is being done by the contractor in different color-coded dust bins and disposal has been conducted as per norms of Solid Waste Management Rules, 2016. Adequate nos. of temporary toilets have been constructed for labourers / workers at the site and labour camps.
ix	Disaster Management Plan shall be prepared in consultation with the District Authorities and early waring telemetric system shall be installed.	Detailed Disaster Management Plan shall be prepared in consultation with the concerned District Authorities.  The establishment of early waring (telemetric) system is in progress.
х.	As proposed in the EMP, an Environment Management Cell (EMC) shall be established at the project level with sufficient manpower, The head of the EMC shall report directly to the head of the Project for speedy implementation of EMP & related issues.	Project has a separate Environment Division having officers working exclusively for Environment related matters.  The head of the Environment Division is reporting directly to the head of the Project regarding environmental related matters and their compliances.

