

CHENAB VALLEY POWER PROJECTS [P] LIMITED

(A Joint Venture among NHPC Limited, JKSPDC and PTC India Ltd) **KWAR H.E. PROJECT**, Chenab Nagar-II, Distt. Kishtwar (J&K)-182206. CIN: U40105JK2011PTC003321 Fax no. 01995-259230 e-mail:hopkwar@cvppindia.com website: www.cvppindia.com

CVPP/KWAR/GM/2022-23/ 2 03

Deputy Director General of Forests (C), Ministry of Environment, Forest and Climate Change, Integrated Regional Office, Jammu, IWDP Complex, Gladin, Narwal, Near J&K Pollution Control Board, Jammu – 180006.

E-mail: iro.jammu-mefcc@gov.in

Sub: Kwar HE Project (540 MW) in District Kishtwar, J&K: Submission of Environment Clearance Compliance Report (ECCR) for the period ending September 2022.

Ref: Environmental Clearance granted to the Project vide MOEF&CC letter no. J-12011/4/2010-IA.1 dated: 10.04.2017.

Sir,

With reference to the above cited subject, please find enclosed the Six Monthly Progress Report on Environmental safeguards in Compliance to the Environment Clearance letter under reference, in respect of Kwar HE Project (CVPPPL), for the period ending September 2022.

Thanking you.

Encl: As Above (Annexure-I).

Yours sincerely

Dated: 27 / 0.2022

(Rajan' Jairath) General Manager OP-Kwar H.E Project

Email: hopkwar@cvppIndia.com

Copy to:

- 1. Director, Impact Assessment Division-1,
 Ministry of Environment, Forests & Climate Change,
 Indira Paryavaran Bhawan, Jor Bagh Road, Ali Ganj,
 New Delhi- 110003
 Email: yogendra78@nic.in
- 2. Member Secretary, J&K State Pollution Control Board, Parivesh Bhawan, Sheikh-ul-Alam Campus, Behind Govt. Silk Factory, Raj Bagh, Srinagar (J&K) Email: membersecretaryjkspcb@gmail.com

N.O.O.

- 1. Managing Director, CVPPPL, Jammu for information please.
- 2. General Manager, Planning Division, CVPPPL, Jammu for information please.



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ANNEXURE-I

Six Monthly Environment Clearance Compliance Report (ECCR) for Kwar HE Project (540MW), in District Kishtwar of J&K State (September 2022)

1	Name of Project	Kwar HE Project (540 MW)(CVPPPL)	
2	Type of Project	Hydro Electric Project	
3	Clearance letters OM No. and date (a) Environment Clearance	(a) Letter No. J-12011/4/2010-IA.I Dated: 10.04.2017	
	(b) Forest Clearance	(b) i) Letter No. 268- FST of 2014 dated 08.08.2014 of GoJK (for 29.75 ha forest land).	
- 5		ii) Letter No.9-JKB-052/2021-Jammu dated: 25/01/2022. (for 2.4 ha forest land)	
4	Locations (a) District (s)	a) Kishtwar	
	(b) State (c) Latitude (d) Longitude	b) Jammu and Kashmir c) 33 ⁰ 21'01"N d) (d) 75 ⁰ 53'39"E	
5	Address for Correspondence (a) Address of concerned Project Head (with Pin code, Telephone/Fax no.)	(a) General Manger (HOP), Kwar HE Project Chenab Valley Power Projects (Pvt.) Ltd. Chenab Nagar-II, Kishtwar J&K. Pin code- 182206 Telephone:- 01995259230 Email: hopkwar@cvppindia.com	
	(b) Address of concerned HOD in Corporate Office (with Pin code, Telephone/Fax no.)	(b) Managing Director, Chenab Valley Power Projects (Pvt.) Ltd. Chenab Jal Shakti Bhawan, Opp. Saraswati Dham, Rail Head Complex Jammu- 180012, J&K Phone/ Fax: 0191 2479826/ 2479835	
6	Detail of Environmental Management Plan	Environmental Management Plans to be implemented at the project are: S. No. EMP 1. Biodiversity Conservation& Management Plan	





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ļ		Catchment Area Treatment Plan (CAT)	
į		Fisheries Development Plan	
		4. Solid Waste Management Plan	
		5. Public Health Delivery System	
		6. Energy Conservation Measures	
		7. Muck Disposal Plan	
		8. Landscaping & restoration Plan	
		9. Air & Water Management Plan	
		10. Reservoir Rim treatment Plan	
		11. Compensatory Afforestation plan	
		12. Rehabilitation & Resettlement Plan	
		13. Environmental Monitoring Programme	
		14. Disaster Management Plan	
7	Breakup for Project area (Land	Forest Land: 32.15 ha	
	details)	Private Land: 17.03 ha	
		State Land: 20.72 ha	
		River bed land: 65.85 ha	
		Total Land: 135.75 ha	
		i otal Edila. 100.10 Ha	
8	Breakup of Project affected	No of affected Villages : 5	
0	-	1	
	population with enumerations of	Total PAFs : 63	
	those losing house/dwelling units	Displaced PAFs : 29	
	only, agriculture land only, both	Non-Displaced PAFs : 34	
	house and agriculture land and		
	landless labours / artisians.		
	(a) SC/ST/Adivasis	(a) Scheduled Tribe : 19 families.	
	(b) Others	(b) Others : NIL.	
9	Financial Details		
	(a) Project cost as originally	Sanctioned cost as per CCEA Clearance 4526.12 Cr.	
	planned and subsequent	(Sept 2020 PL)	
	revised estimates and the		
	year of price reference		
	(b) Actual expenditure incurred	Actual expenditure: 224 35 Cr. (till Sep 2022)	
	on the Project so far	Actual expenditure: 224.35 Cr. (till Sep 2022)	
	-	Allocations for EMD: 427.25 Cm (amount by MaEES CO)	
	(c) Allocation made for	Allocations for EMP: 137.35 Crs (approved by MoEF&CC)	
	Environment Management		
	Plan		
	(d) Actual expenditure incurred	Actual expenditure incurred on EMP:	
	on EMP so far	Payment released on account of Forest clearance:	
		Rs 3.8324 Cr. Payment released towards extraction of Forest trees:	
		Rs 4.83 Lakh	
10	Forest Land Requirements	,	
	(a) Status of approval diversion of	(a) Forest clearance for diversion of 29.75 Ha forest land	
		- Maria	

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	Forest Land for non-forestry use	from GoJK obtained vide Order no. 268- FST of 2014 dated 08.08.2014. (b) Forest clearance for diversion of 2.4 Ha forest land from Integrated Regional Office, Jammu (MOEF&CC) obtained vide Letter No.9-JKB-052/2021-Jammu dated: 25/01/2022
	(b) The status of clear felling of trees in Forest Land	(c) Tree felling is in process by State Forest Department
11	Status of Construction (a) Date of commencement (actual and/or planned) (b) Date of completion (actual and/or planned)	(a) Date of commencement: Work Awarded vide LOA dated 11.05.2022 (b) Date of completion (planned): 54 months
12	Reasons for the delay (If the Project is yet to be started)	Work Awarded vide LOA dated 11.05.2022
13	Details of Site visits (a) By Monitoring Committee (b) By Regional Office	Nil Nil
14.	Brief note on the status of compliance of the conditions stipulated by MOEF&CC	Details are enclosed as Annexure-II.





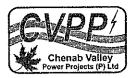
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ANNEXURE-II

Status of Compliance to the conditions stipulated by MoEF&CC, Govt. of India vide Environmental Clearance letter no. J-12011/4/2010-IA-I dated 10.04.2017

S. No.	Conditions	Compliance Status		
	ecific Conditions			
İ	As and when the Cumulative Impact Assessment & Carrying	Shall be complied.		
	Capacity Studies (CIA & CCS) of the Chenab River Basin of J&K is carried out, the recommendation therein for Kwar HEP			
	shall be followed by PP.			
ii	The Catchment Area Treatment Plan (CAT) as has been	Matter has been taken up		
	proposed in the EMP shall be strictly implemented in	with the J&K State Forest		
	consultation with the J&K State Forest Department. Major	Department for		
	works of CAT shall be completed before impounding of	implementation of CAT		
	reservoir. The CAT plan will be implemented in 5 years time	Plan.		
	and the maintenance work shall be undertaken for next 5			
	years. Financial allocation of Rs. 2930.56 lakhs for CAT plan			
	implementation shall be fully utilized and not be diverted for			
	any other purpose. As per CAT plan, the area to be treated is			
	2211 ha.			
III	Land acquired for the project shall be suitably compensated	GoJK has approved the		
	with the prevailing guidelines and all commitments made during the public hearing shall be fulfilled. The R&R benefits	R&R plan of the project vide Govt. Order No44-		
	for the Project Affected Person (PAPs) should be adequately	DMRR&R of 2018 dated		
	compensated for loss of assets and assisted to re-establish	03.08.2018. DC Kishtwar		
	their livelihoods. The assessment has been made as per the	has been appointed as		
	norms of the National Rehabilitation & Resettlement Policy	Commissioner R&R vide		
	(NRRP), 2007 and guidelines of J&K State Government. The	GoJK Order dated		
	project affected population should be resettled and	03.03.2020.		
	rehabilitated as per the Jammu & Kashmir state R&R policy.			
	All R&R issues shall be completed before commissioning of			
	the project.	V-100 - 100		
iv	Implementation of R&R plan is to be closely monitored by the	GoJK constituted the		
	state Authority and is to be ensured that all Project Affected	Empowered Committee		
	Families (PAF's) shall get adequate & timely compensation.	under the Chalrmanship of Chief Secretary, GoJK to		
		finalize and monitor the		
		implementation of R&R		
		plan of Kwar HEP vide G.O.		
		No. 1281-GAD of 2017		



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		dated 09.10.2017.
V	A Monitoring Committee for R&R should be constituted which shall include representatives of project affected persons including representative from SC/ST category and a woman beneficiary.	GoJK approved the R&R plan of the project vide Govt. Order No44-DMRR&R of 2018 dated 03.08.2018 wherein approval has also been granted for constitution of Project level committee under the Chairmanship of Deputy Commissioner. Committee is yet to be constituted.
vi	All the commitments made during the public hearing should be fulfilled completely by project proponent and record maintained.	Shall be complied The R&R Plan has been prepared by District Administration duly considering the aspirations and demands of local people. The R&R Plan approved by the GoJK shall be implemented.
vii	A minimum environmental flow of 16.49 cumec during lean season (December to March), 74.09 cumec during monsoon season (June to September) and 16.79 cumec during remaining four months (October-November & April-May) shall have to be maintained. On line monitoring system for the eflow releases measurement shall be installed and data be displayed at appropriate site for civil society and stake holders. Six monthly results shall be submitted to the Regional office of the Ministry.	Shall be complied
Viii	Dumping and consolidation/compaction 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 EMP, out of the 38.73 lakh m³ of muck to be generated, 8.13 lakh m³ will be reused in various project components and remaining 30.60 lakh m³ will be dumped at 3 designated disposal sites in an allocated area of 34.35 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	





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	be constructed at least 30 m away from HFL of River. Allocated grant of Rs. 3,419.30 lakhs shall be fully utilized and	
	not to be diverted for any other purpose.	
	· · · · · · · · · · · · · · · · · · ·	
ix	Proposed Compensatory Afforestation Programme in 59.50 ha of degraded forest area shall be undertaken in consultation	A) Requisite amount of Rs
	with State Forest Department. Allocated grant of Rs. 385.03	3.44 Cr
***************************************	lakh shall be fully utilized and not to be diverted for any other	was deposited with Forest
	purpose.	deptt. for diversion of 29.75
		Ha of Forest land including
		Rs 41.65 lakhs towards compensatory afforestation.
		compensatory anorestation.
		B) Requisite amount of Rs
		37.977 Lac was deposited
		with J&K CAMPA for
r-t-		diversion of 2.4 Ha of
		Forest land including Rs 9.10958 lakhs towards
		compensatory afforestation
		The compensatory
		afforestation shall be
		carried out by Forest Department for which the
		matter has been taken up
		with the appropriate
		Authorities.
Х	Landscaping & Restoration Plan as proposed in EMP Report,	Shall be complied.
	shall be developed. The proposed plan includes Treatment	
	of Borrow Pits and Quarry Sites, Landscaping & Restoration	
	and Greenbelt development. Local indigenous varieties of plants to be planted and maintained till their full growth	
	including gap filling. The implementation shall be undertaken	
	in consultation with State Forest Department. The allocated	
	budget of Rs. 224.04 lakhs shall be fully utilized for this	
	purpose and not to be diverted to any other purpose.	
xi	Solid waste Management Plan as proposed in the EMP report	Shall be complied.
	shall be implemented, the plastic waste generated should be	
	disposed of by recycling and not by land filling. Allocated grant	
	of Rs 221.60 lakh shall be fully utilized and not to be diverted for any other purposed.	
	iorany oner purposeu.	



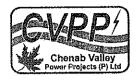
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xii	Proposed Biodiversity Conservation & Management plan as outlined in the EMP shall be implemented with State Forest Department. The allocated budget of Rs. 140.48 lakhs for this purpose shall be fully utilized and shall not be diverted for any other purpose.	Shall be complied.
	Proposed Reservoir Rim Treatment Plan with both biological and engineering measures shall be implemented strictly. Allocated amount of Rs. 1043.69 lakhs should be fully utilized and shall not be diverted for any other purpose.	
xiii	The Fisheries Development Plan as proposed in the EMP shall be implemented completely with the State Fisheries Department. As proposed, a fish hatchery shall be developed in 2 ha of area for development of fingerlings for stocking of reservoir and river. The budget of Rs. 798.59 lakhs provided for fisheries development plan should be fully utilized for this purpose and shall not be diverted for any other purpose.	The matter has been taken up with the State Fisheries Department for implementation of Fisheries development Plan.
xiv	Skill mapping of the area to be got conducted, mentioning the skills inherent of the local people, and based on the skill mapping, the training to the youths be incorporated for their appropriate engagement in the Project.	Being Complied. Skill Mapping plan has been prepared by University of Jammu and report has been submitted to the District Administration.
XV	Equipments likely to generate high noise levels during construction period or otherwise shall have to meet the ambient noise standards as notified under the Noise Pollution (Regulation and Control) Rules, 2000, as amended in 2010 under the Environment Protection Act (EPA) 1986. This shall be strictly compiled	Shall be complied.
xvi	The case for diversion of 29.75 ha of forest land for the project has been approved by the J&K State Forest Advisory Committee in its 81 st meeting held on 9 th December 2013 and requisite payment in this regard has also been deposited with the Forest Department. Necessary forest clearance required for the project shall be obtain and informed this Ministry accordingly.	a) Forest Clearance for diversion of 29.75 Ha Forest land was accorded vide Govt. order no: 268-FST of 2014 dated 08.08.2014.
		b) Forest clearance for diversion of 2.4 Ha forest land from Integrated Regional Office, Jammu (MOEF&CC) obtained vide



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		No 9-JKB-052/2021-Jammu dt 25.01.2022.
xvii	Any other clearances required from any other organization/department should be obtained before commencement of works and commissioning of the project, as applicable.	Shall be complied as and when required.
Gene	eral Conditions	
ì	Adequate arrangements for ensuring availability of fuel like kerosene/LPG shall be provided at the project cost for the labourers to be engaged during construction work so that Indiscriminate felling of trees is prevented. The energy conservation measures as provided in EMP shall be fully implemented.	The same has been included in the contract agreement and is being complied by the contractor.
il	The labourers to be engaged for construction works shall be thoroughly examined by health personnel and adequately treated before issuing them work permit. Periodic health check-up and medical facilities shall also be provided to the labourers during construction period.	The same has been included in the contract agreement and is being complied by the Contractor.
iii	Recreational facilities shall be provided to the labourers.	The same has been included in the contract agreement and is being complied by the Contractor.
iv	Water sprinkling arrangements shall be made to suppress fugitive emissions/ dust.	The same is complied by the contractor.
V	Potable drinking water and proper sanitary facilities shall be provided for the labour force. Proper disposal facilities for solid waste are to be ensured.	The same has been included in the contract agreement and is being complied by the Contractor.
vi	Restoration of construction area including muck dumping sites shall be ensured by leveling, filling up of borrow pits, landscaping, etc. The area should be properly treated with plantation.	



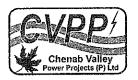
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13.	This elegence letter is 1115	
	This clearance letter is valid for a period of 10 years from the date of issue of this letter for completion of the project.	Noted
14.	Panchayat/Zila Parishad/Municipal Corporation, Urban Local Body and local NGO, if any, from whom any suggestion/representations were received while processing the proposal. The clearance letter shall also be put on website by the project proponent.	Complied.
17.	The project proponent should advertise at least in two local newspapers widely circulated in the region around the project, one of which shall be in vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of the clearance letters are available with State Pollution Control Board/Committee and may also be seen at website of MoEF&CC. http://www/moef.nic.in The project proponent shall also submit six monthly reports on the status of compliance of stipulated EC conditions including the results of monitored data (both in hard copies as well as by e-mail) to respective Regional Office of MoEF&CC.	Complied. Advertisement was published in two news papers viz: 1. Daily Excelsior (English) dated 13.04.2017and 2. Daily Udaan (Urdu) dated 13.04.2017. Being Complied. Six monthly EC Compliance Reports are
18.	After 5 years of commissioning of the project, a study shall be undertaken regarding impact of the project on the environment and over the downstream ecology of the project. The study shall be undertaken by independent agency to be decided in consultation with the Ministry.	Shall be complied.
19.	A Multi-Disciplinary Committee (MDC) for monitoring the implementation of environmental safeguards during construction shall be constituted by the project proponent (PP) in consultation with the Ministry as early as possible. A panel may be proposed by the PP and submitted to Ministry and the Government of Jammu & Kashmir. The project proponent shall organize six monthly meetings of the Committee and submit the monitoring report to the ministry. The MDC will monitor' specifically the stability and effectiveness of muck dumping sites during all visits and monitor it & suggest remedial measures, if so required.	Approval for constitution of MDC was accorded by MoEF&CC vide letter No. J-12011/4/2010-IA-1 dated 09.07.2018 with amendment issued vide No. J-12011/04/2010-IA-1(R) dated 02.05.2019.





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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.	Shall be complied.
viii	Disaster management plan as provided in EMP shall be implemented in consultation with the District Authorities and early warning system shall be installed.	Shall be complied
ix	An Environmental 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.	Complied EMC has been constituted on 22.06.2018.
Othe	r Conditions stipulated in EC Letter requiring compliance by C	VPPPL
7.	The Project Proponent shall provide full cooperation and provide all requisite documents/data to the Officials from concerned Regional Office of the Ministry who would be monitoring the implementation of environmental safeguards and to undertake inspection.	Shall be complied
8.	The responsibility of implementation of environmental safeguards rests fully with the M/s. Chenab Valley Power Projects Pvt. Ltd. and Government of Jammu & Kashmir. Therefore, these may be critically reviewed jointly & periodically.	Shall be complied
9.	Besides the above stated conditions, the Project Proponent shall also implement all other environmental safeguards, as proposed in the EIA/EMP report and other reports from time to time. The Government of Jammu & Kashmir may also like to monitor implementation of EMP at regular intervals.	Shall be complied
10.	The Environmental Management Plan (EMP) shall be strictly adhered to and a sum of Rs. 137.35 crores, the budgetary provisions for the implementation of EMP, shall be fully utilized and shall not be diverted for any other purpose.	Shall be complied
11.	In case of change in the scope of the project, the same may be intimated to the Ministry and a fresh approval, if required, shall be taken from the Ministry.	There is no change in scope of the Project. Shall be complied if required.
12.	Ministry reserves the right to add additional safeguard measures subsequently, if found necessary and to take action including revoking of the clearance under the provisions of the Environment (Protection) Act, 1986 to ensure effective implementation of the suggested measures in a time bound and satisfactory manner.	Noted

Journey (Sim)