

# Chenab Valley Power Projects [P] Ltd

A Joint Venture of NHPC Limited (A Govt. of India Enterprise) & JKSPDC (A Govt. of J&K Enterprise)

CIN: U40105JK2011PTC003321

Kwar HE Project

Dated: 26.05.2022

Chenab Nagar- II, Kishtwar Distt.Kishtwar-182206 (J&K) Phone No / Fax: 01995 259230 e-mail: gmkwarhep@gmail.com hopkwar@cvppindia.com

CVPP/KWAR/GM/2022-23/41

The Regional Officer MoEF&CC, Integrated Regional Office (IRO), Jammu Plot No. 379-A, Gandhi Nagar, Jammu(J&K) - 180004 Tele. No.- 0191-2959297

E-mail: env.irojk-mefcc@gov.in, paranjay.s@nic.in

Sub: Kwar HE Project (540 MW) in District Kishtwar, J&K: Submission of Environment Clearance Compliance Report (ECCR) for the period from October 2021 to March 2022.

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

Sir,

Please find enclosed herewith updated Six Monthly Progress Report on Environmental safeguards in Compliance to the Environment Clearance letter dt 10.04.2017 in respect of Kwar HE Project (CVPPPL) for the period from October 2021 to March 2022.

Thanking you and Warm Regards.

Encl: AS ABOVE (Annexure-I, Annexure-II) Pages

Yours Sincerely,

Rajan Jairath) General Manager

HOP-Kwar H.E Project

Email: gmkwarhep@gmail.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: s.kerketta66@gov.in, suna1466@rediffmail.com

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



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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 (October 2021 to March 2022)

1	Name of Project	Kwar HE Project (540 MW)(CVPPPL)
	•	The state of
2	Type of Project	Hydro Electric Project
-	Clearance letters OM No. and date  (a) Environment Clearance  (b) Forest Clearance	<ul> <li>(a) Letter no. J-12011/4/2010-IA.I Dated: 10.04.2017</li> <li>(b) i) Letter no. 268- FST of 2014 dated 08.08.2014 of GoJK (for 29.75 ha forest land)</li> <li>ii) Forest Clearance for 2.4 ha (Stage-II) accorded by DGF (Central) i/c IRO (MoEF&amp;CC) on 25.01.2022</li> </ul>
5	Locations  (a) District (s)  (b) State  (c) Latitude  (d) Longitude  Address for  Correspondence  (a) Address of  concerned Project	<ul> <li>(a) Kishtwar</li> <li>(b) Jammu and Kashmir</li> <li>(c) 33°21'01"N</li> <li>(d) 75°53'39"E</li> <li>(a) General Manger (HOP),  Kwar HE Project  Chenab Valley Power Projects (Pvt.) Ltd.  Chenab Nagar-II, Kishtwar J&amp;K.</li> </ul>
	Head (with Pin code, Telephone/Fax no.)	Pin code- 182206 Telephone:- 01995259230 Email: gmkwarhep@gmail.com,hopkwar@cvppindia.con
	(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		Environmental Management Plans to be implemented
"	Management Plan	the project are:

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		S. No.
		1. Biodiversity Conservation Management Plan
		Catchment Area Treatment Plan (CAT)
		Fisheries Development Plan
		4. Solid Waste Management Plan
		5. Public Health Delivery System
		6. Energy Conservation Measures
		7. Muck Disposal Plan
		Landscaping & restoration Plan
		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	Forest Land: 29.75 ha +2.4 ha*
	(Land details)	Private Land: 17.03 ha
	,	State Land: 20.72 ha
		River bed land: 65.85 ha
		Total Land: 135.75 ha
	2.	Forest Clearance (Stage-II) for 2.4 ha accorded by
8	Brookup of Dasie of	DGF(Central) I/C IRO(MoEF&CC) on 25-01-2022
J	Breakup of Project	No of affected Villages : 5
	affected population with	Total PAFs : 63
	enumerations of those	Displaced PAFs : 29
	losing house/dwelling units	Non Displaced PAFs : 34
	only, agriculture land only,	1 0 0
	both house and agriculture	= 1
	land and landless labours /	
	artisians.	(a) Scheduled Tribe : 19 families.
		(b) Others : NIL
	(a) SC/ST/Adivasis	, INIL
	(b) Others	5
9	Financial Details	Approved DDD and D
	(a) Project cost as	Approved DPR cost: Rs. 4,949.24 Cr (April 2016 PL)
	originally planned	(a) Updated cost : Rs. 4526.12 Cr (Sept 2020 PL)
	and subsequent	
	revised estimates	
	and the year of	(b) Actual expenditure: 184.04 Crs (till March 2022)
	price reference	(c) Allocations for EMP: 137.35 Crs (approved by
	(b) Actual expenditure	MoEF&CC)
	incurred on the	
	Project so far	
		( D )
	(c) Allocation made for	(d) Actual expenditure incurred on EMD.
	(c) Allocation made for Environment	(d) Actual expenditure incurred on EMP:
	Environment	(d) Actual expenditure incurred on EMP: Payment released on account of Forest clearance: Rs 3.8324 Crs



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_		- FMD	4 00 Lakh
		miodified to	4.83 Lakh
		far	
	10	diversion of Forest Land for non-forestry use	<ul> <li>a) (i) Forest clearance for diversion of 29.75 Ha forest land from GoJK obtained vide Order no. 268- FST of 2014 dated 08.08.2014.</li> <li>(ii) Forest Clearance (Stage-II) for 2.4 ha accorded by DGF(Central) I/C IRO(MoEF&amp;CC) on 25-01-2022.</li> </ul>
			(b) Tree felling is in process by State Forest Department
			- · · · · · · · · · · · · · · · · · · ·
		(b) The status of clear felling of trees in Forest Land	
	11	Status of Construction	(a) Date of commencement : CCEA Clearance accorded
		(a) Date of	on 27.04.2022
		commencement (actual and/or	(b) Date of completion (planned): 54 months from the
		planned)	start of major works.
		(b) Date of completion (actual and/or	
		planned)	
	12	Reasons for the delay (If	
	1	the Project is yet to be	Nil
		started)	
	13	Details of Site visits	Nil
		(a) By Monitoring Committee	Nil
		(b) By Regional Office	
	14.		Details are enclosed as Annexure-II.
	17.	compliance of the	
		conditions stipulated by	
		MOEF&CC	



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Kwar HE Project

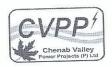
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## **ANNEXURE-II**

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
Specif	ic Conditions	
İ	As and when the Cumulative Impact Assessment & Carrying 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.	
	The Catchment Area Treatment Plan (CAT) as has been proposed in the EMP shall be strictly implemented in consultation with the J&K State Forest Department. Major works of CAT shall be completed before impounding of reservoir. The CAT plan will be implemented in 5 years time 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 with the prevailing guidelines and all commitments made during the public hearing shall be fulfilled. The R&R benefits for the Project Affected Person (PAPs) should be adequately compensated for loss of assets and assisted to re-establish their livelihoods. The assessment has been made as per the norms of the National Rehabilitation & Resettlement Policy NRRP), 2007 and guidelines of J&K State Government. The project affected population should be resettled and ehabilitated as per the Jammu & Kashmir state R&R policy. All R&R issues shall be completed before commissioning of the project.	The R&R Plan of Kwar HE Project was submitted to DC Kishtwar on 21.04.2017. The plan was forwarded by DC Kishtwar to Divisional Commissioner Jammu on 19.06.2017 for approval of Govt. GoJK. State Govt. constituted the Empowered Committee under the Chairmanship 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 dated 09.10.2017.  Empowered committee recommended the plan for
		finalizimpler plan o No. dated



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		27.11.2017. The minutes of the meeting were issued vide No. DMRRR/Rehab/24/2017 dated 28.12.2017.
		GoJK has approved the R&R plan of the project vide Govt. Order No44-DMRR&R of 2018 dated 03.08.2018.
iv	Implementation of R&R plan is to be closely monitored by the state Authority and is to be ensured that all Project Affected Families (PAF's) shall get adequate & timely compensation.	GoJK constituted the Empowered Committee under the Chairmanship 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 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 shall be implemented, as approved by the GoJK.



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2.7		nopkwai@cvppiiidia.com
Vii	A minimum environmental flow of 16.49 cumec during lead 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) shat have to be maintained. On line monitoring system for the efflow 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.	n g III 
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 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	a d	A) Requisite amount of Rs 3.44 Crs was deposited with Forest deptt. for diversion of 29.75 Ha of Forest land including Rs 41.65 lakhs towards compensatory afforestation.  B) Requisite amount of Rs 37.977 Lac was deposited with J&K CAMPA for diversion of 2.4 Ha of Forest land including Rs 9.10958 lakhs towards compensatory afforestation  The compensatory afforestation  The compensatory afforestation shall be carried out by Forest Department under CAMPA for which the matter has been taken up with the appropriate Authorities.



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		OL III - complied
	Landscaping & Restoration Plan as proposed in EMP Report, 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.	Shall be complied.
xi	Solid waste Management Plan as proposed in the Limit Teport 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	Shall be complied.
xii	for any other purposed.  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.	Shall be complied.
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.	Skill Mapping is in Progress.
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	



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1	The case for diversion of 29.75 ha of forest land for the project has been approved by the J&K State Forest Advisory	10
	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	diversion of 29.75 Ha forest land from GoJk obtained vide Order no 268- FST of 2014 dated 08.08.2014.
	Ministry accordingly.	Forest Clearance (Stage-II) for 2.4 ha accorded by DGF(Central) I/C IRO(MoEF&CC) on 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.
Gener	al Conditions	
i /	Adequate arrangements for ensuring availability of fuel like	v.
, ,		
la	abourers to be engaged during construction work	Shall be complied
la II C ir	abourers to be engaged during construction work so that ndiscriminate felling of trees is prevented. The energy conservation measures as provided in EMP shall be fully mplemented.	Shall be complied
ii T the tr	abourers to be engaged during construction work so that ndiscriminate felling of trees is prevented. The energy conservation measures as provided in EMP shall be fully	Shall be complied  Shall be complied
ii T the tru do	abourers 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 labourers to be engaged for construction works shall be noroughly examined by health personnel and adequately reated before issuing them work permit. Periodic health checkpand medical facilities shall also be provided to the labourers uring construction period.  ecreational facilities shall be provided to the labourers.	Shall be complied
ii T the tru u di	abourers 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 labourers to be engaged for construction works shall be noroughly examined by health personnel and adequately reated before issuing them work permit. Periodic health check-p and medical facilities shall also be provided to the labourers.	
ii T the trude disconnection of the content of the	abourers 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 labourers to be engaged for construction works shall be noroughly examined by health personnel and adequately reated before issuing them work permit. Periodic health checkpland medical facilities shall also be provided to the labourers uring construction period.  The labourers to be engaged for construction works shall be provided to the labourers are unique construction period.	Shall be complied  Shall be complied



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	plantation.	41 MZ
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	er 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	Shall be complied
10.	monitor implementation of EMP at regular intervals.  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.	¥
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.	be complied if required.
12.		



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	implementation of the suggested measures in a time bound ar	nd l
10	_ indiffe.	
13.	This clearance letter is valid for a period of 10 years from the	
	date of issue of this letter for completion of the project.	ne Noted
14.	and the sompletion of the project.	
14.	A copy of clearance letter shall be marked to concerne	4
	distinguished Corporation Urban L	d Complied.
	) 100di [\(\frac{1}{3}\)] 2n\\ 4mama	4
	suggestion/representations were received while processing the	У
	proposal. The clearance letter shall also be put on website by	e m
	the project proponent.	У
16.	The project proponent at all	
	The project proponent should advertise at least in two local	Complied.
	The policy widely circulated in the region and	
	- WINOI SHAIL DE III VAFRACUIOR ION-	, vvc
	moning the project has t	1100 11000
	The ordinated with the state of	
	Will Otale Fully Control Roard Comment	, Linding
	also be seen at website of MoEF&CC. http://www/moef.nic.in	dated 13.04.2017and
		2. Daily Udaan (Urdu
17.	The project proponent shall also submit six monthly reports on the status of compliance of children and the status of childr	dated 13.04.2017.
	the status of compliance of attendant line status of compliance of attendant line in the status of compliance of compliance of compliance of compliance of compl	
	the status of compliance of stipulated EC conditions including the results of monitored data (ball).	o ampiliou.
	- The of High Hold Hold hard	Six monthly EC
	e-mail) to respective Regional Office of MoEF&CC.	Compliance Reports are
	<i>5</i> .	being timely submitted
		Monitoring shall be
	9	undertaken upon start of
		major project construction
8.	After 5 years of committee	works.
	After 5 years of commissioning of the project, a study shall be	Shall be complied.
- 1	. Togalalla lillaci ni ina protest a II	criair be complied.
1. 100	independent agency to be a constant	
	consultation with the Ministry.	
ir	Multi-Disciplinary Committee (MDC) for monitoring the	Approval for constitution of
	The state of the s	MDC was accorded by
	onsultation with the activity the project proponent (PP) in	MoEF&CC vide letter No.
-	The state of the s	J-12011/4/2010-IA-1 dated
	proposed by the PP and submitted to Mar.	09.07.2018 with
A10000	The project	Omon-l
		No. J-12011/04/2010-IA-
560 10000	The MIDO	1-0110-1/2010-1A-
	and diddling diff effectiveness of and the	1(R) dated 02.05.2019.
dι	ring all visits and monitor it & suggest remedial measures, if	
so	required.	*
-	1 2	
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