

Chenab Valley Power Projects (P) Ltd

(A Joint Venture of NHPC (A Govt of India Enterprise, JKSPDC (A Govt of J&K Undertaking) & PTC India Ltd)

Pakal Dul Hydro Electric Project
Chenab Nagar - II, Kishtwar, (J&K) - 182206
CIN NO. U40105JK2011PTC003321

Ph No. 01995-260661
Fax No. 01995-260661

CVPP/ PDHEP/ Ccm/ (J&K) / - 97

Dated: 28/05/2019
29

Additional PCCF (Central),
Northern Regional Office,
Ministry of Environment, Forests and Climate Change, Gol,
Bays No. 24-25, Sector 31-A,
Chandigarh- 160030
Fax- 0172 2638135
E-mail: chdmoeenv@gmail.com, ronz.chd-mef@nic.in, ajay.mehrotra13@gov.in, singhbharat6989@gmail.com

Sub: Pakal Dul HE Project (1000 MW) in District Kishtwar, J&K – Submission of Environment Clearance Compliance Report (ECCR) for the period from October 2018 to March 2019.

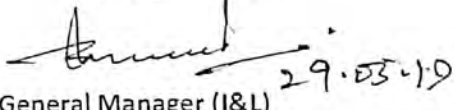
Ref: Environmental Clearance granted to the Project vide letter no. J-12011/51/2007-IA dated 29.02.2008 and transferred in favour of CVPP vide letter no. J-12011/51/2007-IA dated 12.07.2012.

Sir,

We are enclosing herewith Six Monthly Environment Clearance Compliance Report in respect of Pakal Dul HE Project for the period from October 2018 to March 2019 for your kind information.

Thanking you and Warm Regards.

Yours Sincerely,


General Manager (I&L)
Pakal Dul H.E Project

Copy to: (NOO)

1. Dr. S. Kerketta, 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, Shiekh-ul-Campus, behind Govt. Silk Factory, Raj Bagh, Srinagar (J&K)
(J&K)
Email: membersecretaryjkspcb@gmail.com Parivesh Bhawan,
3. Chief General Manager, Pakal Dul HE Project for kind information please.
4. CGM, Planning Division, CVPPPL, Jammu with a request to upload the report on CVPPPL official website

ANNEXURE-I

Six Monthly Environment Clearance Compliance Report of Pakal Dul HE Project (1000MW),
District- Kishtwar, J&K
(October 2018 to March 2019)

1	Name of Project	Pakal Dul HE Project
2	Type of Project	Hydro Electric Project
3	Clearance letters OM No. and date (a) Environment Clearance	MoEF's Letter no. J-12011/51/2007-IA dated 29/02/2008 and transferred in favour of CVPP vide letter no. J-12011/51/2007-IA-I dated 12/07/2012.
	(b) Forest Clearances	<p>(a) J&K Government order no. 334- FST of 2015 dated 15/12/2015 for 146.6613 Ha land on Right Bank of river Marusudar.</p> <p>(b) J&K Government order no. 289-FST-2016 dated 29/11/2016 and Corrigendum dated 26/12/2016 for 195.9619 ha of Forest land (188.7619 ha of former KHANP land and 7.2 ha of Forest land) on Left Bank of river Marusudar.</p> <p>(c) J&K Government sanction order for additional 12.125 ha of Forest land at left bank of river Marusudar stands accorded for use of Pakal Dul HEP vide Govt. order no 207-FST of 2018 dated 26/06/2018.</p> <p>(d) J&K Government sanction order for felling of trees coming under already diverted forest land at left bank of river Marusudar stands accorded vide Govt. order no 225-FST of 2018 dated 17/07/2018.</p>

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4	Locations (a) District (s) (b) State (c) Latitude (d) Longitude	(a) Kishtwar (b) Jammu and Kashmir (c) 33°27'30" N (d) 75°48'50" E																										
5.	Address for Correspondence- (a) Address of concerned Project Head (with Pin code, Telephone/Fax no.) (b) Address of concerned HOD in Corporate Office (with Pin code, Telephone/Fax no.)	(a) Chief General Manger, Pakal Dul HE Project, CVPP Ltd., Chenab Nagar-II, Kishtwar, J&K. Pin code- 182206 Telephone:- 01995-260723/9971955066 Email:gmpdhep@gmail.com b) Managing Director, Chenab Valley Power Projects (P) Ltd, Chenab Jal Shakti Bhawan, Opposite Saraswati Dham, Rail Head Complex, Panama Chowk, Jammu- 180012, J&K Phone/Fax: 0191 2475516/ 2479835																										
6	Details of Environmental Management Plan	Environmental Management Plans to be implemented at the project are: <table border="1" data-bbox="783 1209 1390 1865"> <thead> <tr> <th>S. No.</th> <th>EMP</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Biodiversity Conservation Plan</td> </tr> <tr> <td>2.</td> <td>Catchment Area Treatment</td> </tr> <tr> <td>3.</td> <td>Fisheries Development</td> </tr> <tr> <td>4.</td> <td>Public Health Delivery System</td> </tr> <tr> <td>5.</td> <td>Solid Waste Management</td> </tr> <tr> <td>6</td> <td>Provision for fuel wood/ LPG depot & Energy Conservation Measures</td> </tr> <tr> <td>7.</td> <td>Relocation & Rehabilitation of Dumping sites</td> </tr> <tr> <td>8.</td> <td>Landscaping & restoration of construction areas</td> </tr> <tr> <td>9.</td> <td>Creation of Green Belt around reservoir</td> </tr> <tr> <td>10.</td> <td>Disaster Management Plan</td> </tr> <tr> <td>11.</td> <td>Resettlement & Rehabilitation Plan</td> </tr> <tr> <td>12</td> <td>Environmental Monitoring Programme</td> </tr> </tbody> </table>	S. No.	EMP	1.	Biodiversity Conservation Plan	2.	Catchment Area Treatment	3.	Fisheries Development	4.	Public Health Delivery System	5.	Solid Waste Management	6	Provision for fuel wood/ LPG depot & Energy Conservation Measures	7.	Relocation & Rehabilitation of Dumping sites	8.	Landscaping & restoration of construction areas	9.	Creation of Green Belt around reservoir	10.	Disaster Management Plan	11.	Resettlement & Rehabilitation Plan	12	Environmental Monitoring Programme
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7	Breakup for Project area (Land details)	Forest Land: 354.75 ha Private/ Revenue Land: 139.46 ha Total Land: 494.21 ha									
8	Breakup of Project affected population with enumerations of those losing house/dwelling units only, agriculture land only, both house and agriculture land and landless labours/artisans. (a) SC/ST/Adivasis (b) Others	No of affected villages:- 6 Displaced PAFs:- 104 Non displaced PAFs:- 656 Total PAFs:- 760 (a) Scheduled Tribe:- 2									
9	Financial Details (a) Project cost as originally planned and subsequent revised estimates and the year of price reference (b) Actual expenditure incurred on the Project so far (c) Allocation made for Environment Management Plan (d) Actual expenditure incurred on EMP so far	(a) Project cost: 5088.88 Cr (July 2005 PL) CCEA approved: 8112.12 Cr (March 2013 PL) (b) Actual expenditure: 1088.00 Crs (approx.) (till 31.03.2019) (c) Allocations for EMP (at 2013 PL): 330.32 Crs. (d) Actual expenditure incurred on EMP: Expenditure incurred by CVPP on EMP and other related activities upto 31/03/2019 include: <table border="1" data-bbox="794 1589 1401 1945"> <thead> <tr> <th>Sr.No.</th> <th>Provision</th> <th>Expenditure (In Crore Rs.)</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Forest and wild life Land Diversion</td> <td>203.08525</td> </tr> <tr> <td>2.</td> <td>Corpus fund for Wild life Conservation</td> <td>236.0</td> </tr> </tbody> </table>	Sr.No.	Provision	Expenditure (In Crore Rs.)	1.	Forest and wild life Land Diversion	203.08525	2.	Corpus fund for Wild life Conservation	236.0
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		3	Fisheries Development Plan	1.96
		4.	Implementation of R&R plan	29.12
			Total	470.16525
10	Forest Land Requirements (a) Status of approval diversion of Forest Land for non-forestry use	<p>(a) Forest clearance for diversion of 146.66 Ha forest land on right bank of dam/reservoir from GoJ&K obtained on 15.12.2015. Requisite amount of Rs 17.81 Cr deposited with J&K State Forest department on 15.09.2015.</p> <p>(b) Forest Clearance for diversion of 188.76 Ha forest land (earlier KHANP land) on left bank of dam/ reservoir along with 7.2 Ha of Forest Land for underground works in Dul area obtained on dated 29.11.2016. Requisite amount of Rs 178.2055 Cr deposited with J&K State Forest department on 19.09.2016.</p> <p>(c) Government sanction order for additional 12.125 ha of Forest land at left bank of river Marusudar stands accorded for use of Pakal Dul HEP vide Govt. order no 207-FST of 2018 dated 26.06.2018. Requisite amount of Rs 6.3083663 Cr deposited with J&K State</p>		
	Forest Land Requirements- (b) The status of clearing/ felling of trees in Forest Land	<p>(a) Government sanction order for feeling of trees coming under already diverted forest land at left bank of river Marusudar has already been accorded</p>		

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		<p>vide Govt. order no 225-FST of 2018 dated 17.07.2018. Requisite amount of Rs 7613899/- deposited with J&K State Forest department on 15.05.2018</p> <p>Clear felling status: The requisite amount of Rs 4.31413 Cr towards cost for extraction of trees has been deposited with J&K State Forest Corporation. The work of tree felling and extraction is in progress.</p>
11	<p>Status of Construction</p> <p>(a) Date of commencement (actual and/or planned)</p> <p>(b) Date of completion (actual and/or planned)</p>	<p>(a) Date of commencement (actual): Out of the Major project works, the Power House package has been awarded on 21/02/2018; Dam package has been awarded on 21/06/2018 and E&M package has been awarded on 21/01/2019</p> <p>(b) Date of completion (planned): 66 months from the start of major works.</p>
12	Reasons for the delay (If the Project is yet to be started)	Nil
13	<p>Details of Site visits</p> <p>(a) By Monitoring Committee</p> <p>(b) By Regional Office</p>	<p>Nil</p> <p>Nil</p>
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 of conditions stipulated by MOEF&CC, Govt. of India vide Environmental Clearance letter dated 29.02.2008.

S.No.	Specific Conditions	Compliance Status
i	Catchment area treatment Plan as proposed should be completed in Five years	The project has already submitted CAT plan prepared as a part of EMP to the Soil and Water Conservation Department. In response to this the cost of the plan has been revised from Rs. 36.38 cores. to 66.00 Crores after including price escalation and addition of some other component viz barbed wire fencing, watch and ward, fire protection etc. The finalization of same is underway.
ii	During the construction of the project, if any person/family whose acquired land is more than 70% of the total land holding is identified, such family/person shall be treated as fully affected families. R&R package proposed for the displaced families shall be extended to such families. NRRP- 2007 package will be followed for R&R of PAFs.	The RR Plan of Pakal Dul HEP has been approved by GoJK vide Government Order no. 12-DMRR&R of 2017 dated 22.02.2017 and subsequently revised order No:- 11-DMRR&R of 2019 dated 07-03-2019. The approved R&R Plan is under implementation. The formulation, approval and implementation of R&R plan comes under the purview of State Government which has adopted a uniform approach in providing the R&R benefits for the PAFs of different HE projects in J&K. The recommendations of MOEFCC for considering non-displaced PAFs with more than 70% of total land holdings as

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		<p>displaced PAFs has not been approved by the State Government for any of the HE project so far. Hence this provision has not been considered by Government of J&K in formulation and approval of R&R plan for Pakal Dul HE project.</p>
iii	<p>A Monitoring Committee for R&R should be constituted which must include representatives of project affected persons from SC/ST category and a woman beneficiary.</p>	<p>DC Kishtwar has been appointed as Commissioner, Rehabilitation and Resettlement for Pakal Dul HE Project vide Govt. Order No. 19-DMRR&R of 2017 dated 16/03/2017. Constitution of R&R committee is awaited.</p> <p>Monitoring committee is to be constituted by Government under the Chairmanship of Commissioner R&R. the matter was discussed in the meeting of Empowered Committee held on 06.04.2018 under the Chairmanship of Chief Secretary, GoJK wherein the Committee has recommended the constitution of R&R committee. The formal Government order in this regard is awaited.</p>
iv	<p>The commitment made during the public hearing should be fulfilled.</p>	<p>Shall be complied.</p> <p>The R&R plan has been prepared by District Administration and approved by GoJK while duly considering the</p>

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		<p>aspirations and demands of PAFs.</p> <p>On request of CVPP, the revision of approved R&R plan for enhancement in one component of financial assistance to displaced PAFs is under consideration of GOJK.</p> <p>The R&R plan shall be implemented as approved by GoJK</p>
v	All the equipment which are likely to generate high noise levels are to be fully equipped (noise reduction measures) to meet the ambient noise control standards	Being complied.
vi	Consolidation and compilation of the muck should be carried-out in the muck dumping sites and the dumping sites should be above high flood level. The proposed plan for 70.85 lakh cum of muck disposal i.e. about 34 lakh cum is proposed to be utilized during construction and the remaining 36.86 lakh cum of muck disposal at two designated areas (DS1- powerhouse site- 14.37 lakh cum; DS2- dam site- 22.48 lakh cum) should be strictly implemented.	Being complied.
vii	The fisheries management plan as proposed in the letter dated 15.01.2008 should be implemented in totality. The total budget of Rs.339.24 lakhs for the fishery development and conservation in the Marusundar river basin should not be diverted for any other purpose.	<p>Being complied</p> <p>(DPR amounting Rs. 430.0 lakh was submitted by J&K Fisheries Department for implementation of Fisheries Development plan of Pakal Dul HEP. An amount of Rs. 196.0 lakhs has been deposited with J&K Fisheries Department. (Rs.10.0 lakh as 1st instalment on 05.01.2017 and 2nd instalment of Rs.186.0 lakhs deposited on 26.12.2017).</p>

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	The following conditions imposed by the Standing Committee of National Board for Wildlife (NBWL) while recommending the proposal for de-notification of KHANP area, shall be strictly complied:	
viii	(a) Provisions proposed for the habitat improvement in the Mitigation Plan should be discussed with Wildlife Institute(WII), Dehradun and be modified accordingly.	Complied (Mitigation Plan was prepared/ modified by J&K Wildlife Department in consultation with Wildlife Institute of India, Dehradun.)
	(b)State Wildlife Department may redefine the core area of the National Park considering the human population pressure etc.	The core area of the KHANP has been redefined vide SRO no. 212 dated 06.07.2015 of GoJK.
	(c)NHPC would provide a total of Rs.236 Crs including Rs.100 Crs. for the corpus fund for the protected area for the conservation of the wildlife.	Final forest clearance for 195.9619 Ha land (i.e. 188.7619 ha of KHANP land and 7.2 ha of forest land) has been obtained vide Govt. Order no. 289-FST 2016 dated 29.11.2016 of GoJK for which Project has deposited Rs 414.20 Crs to Forest Dept. which includes Rs.236 Crs which further includes Rs.100 Crs for the corpus fund for the protected area for conservation of wildlife.
ix	No construction work/activity should be initiated till Supreme Court grants de-reservation of National Park area.	Complied vide SRO no. 212 dated 06.07.2015 of GoJK issued after grant of approval by Honorable Supreme Court.

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x	Clear felling of trees should be restricted to 4 m below the FRL and a 50 m greenbelt should be created around the reservoir periphery.	Being complied. The tree cutting along the FRL is being done only in the area required for the project construction works. The process for creation of greenbelt shall be initiated at the appropriate time.
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General Conditions

i	Adequate free fuel arrangement should be made for the labour force engaged in the construction work at project cost so that indiscriminate felling of trees is prevented.	Being Complied
ii	Fuel depot's maybe opened at the site to provide the fuel (kerosene/wood/LPG). Medical facilities as well as drinking water & recreational facilities should also be provided to the labourers.	Being Complied
iii	All the labourers to be engaged for construction works should be thoroughly examined by health personnel and adequately treated before issuing them work permit	Being Complied
iv	Restoration of construction area including dumping site of excavated materials should be ensured by leveling, filling up of borrow pits, landscaping etc. The area should be properly treated with suitable plantation.	Being Complied

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v	The total amount of Rs. 9979.29 lakhs kept in the budgetary provisions for implementation of environmental management plan should be strictly adhered and not to be diverted for any other purpose	Being Complied
vi	A Multidisciplinary committee in consultation with the Ministry should be constituted with Ecologists, Environmental Scientists, Conservationists and experienced administrators etc. to oversee the effective implementation of the suggested safeguard measures.	Approval for Constitution of Multidisciplinary committee (MDC) of Pakal Dul HEP has been accorded by MoEF&CC vide no: J-12011/51/2007-IA (Part) dated 10.07.2018. However, the project has requested to MoEF&CC to amend in the composition of Multidisciplinary committee (MDC) vide letter no. CVPP/CGM/Plg/2019/144 dated 25/04/2019.
vii	Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh for review.	Six Monthly Environment Clearance Compliance Report are being regularly submitted to the Regional Office, Chandigarh MoEF&CC.
Other Conditions mentioned in the EC Letter:		
4.	Officials from Regional Office MoEF, Chandigarh who would be monitoring the implementation of environmental safeguards should be given full cooperation, facilities and documents/data by the project proponents during their inspection.	Shall be complied
5.	The responsibility of implementation of environmental safeguards rests fully with the NHPC Ltd. and Government of J&K. (The EC originally granted in 2008 in favour of NHPC was later transferred to CVPP in 2012)	Noted
6.	In case of change in the scope of the project, project would require a fresh appraisal.	There is no change in the scope of the project. If required, the same shall be complied.

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7.	The project involves 386.186 ha of forest land falling under KHANP. This clearance is subject to Hon'ble Supreme Court's permission with respect to de-reservation of part of KHANP.	Complied. However, The core area of KHANP has been redefined vide SRO no. 212 dated 06.07.2015 of GoJK.
8.	The 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 safeguard measures in a time-bound and satisfactory Manner.	Noted.
9.	This clearance letter is valid for a period of 10 years from the date of issue of this letter for commencement of construction work.	Complied.
10.	A copy of clearance letter will be marked to concerned Panchayat / local NGO, if any, from whom any suggestion / representation has been received while processing the proposal.	Complied.
12.	The project proponent should advertise within 7 days at least in two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned informing that the project has been accorded environmental clearance and copies of clearance letters are available with the State Pollution Control Board / Committee and may also be seen at website of the Ministry of Environment and Forests at http://www.envfor.nic.in .	Complied. The requisite advertisement has been published in two newspapers viz Dainik Jagran (Hindi) and Daily Uzma (Urdu) on 07/03/2008.

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