



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

ANNEXURE-I

Six Monthly Compliance Report for Environmental Clearance of Pakal Dul HE Project

June 2016

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 (b) Forest Clearance	(a) 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) Letter no. 334- FST of 2015 dated 15.12.2015 of GoJK (for 146.6631 Ha land) FC recommended by J&K FAC on 03.10.2015 for 195.9621 Ha (earlier part of KHANP) formal letter shall be issued by GoJK after deposit of requisite fund by CVPP.
4	Locations (a) District (s) (b) State (c) Latitude (d) Longitude	(a) Kishtwar (b) Jammu and Kashmir (c) 33 ⁰ 27'30"N (d) 75 ⁰ 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) General Manger, Pakal Dul HE Project, Kishtwar. Pin code- 182206 Telephone:- 01995260723/ 9650193202 Email: pbjain@cvppindia.com Managing Director, 2 nd Floor, JKPCC Building, Rail Head Complex, Panama Chowk,



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		<p style="text-align: center;">Jammu- 180006, J&K</p> <p style="text-align: center;">Phone/ Fax: 0191 2479826/ 2479835</p>																										
6	<p>Detail of Environmental Management Plan</p>	<p>Environmental Management Plans to be implemented at the project are:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">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 fuelwood/ 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 fuelwood/ 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	<p>Breakup for Project area (Land details)</p>	<p>Forest Land: 342.62 ha</p> <p>Private Land: 140 ha</p> <p>Total Land: 482.62 ha</p>																										
8	<p>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.</p> <p>(a) SC/ST/Adivasis</p> <p>(b) Others</p>	<p>No of affected villages:- 6</p> <p>Displaced PAFS:- 104</p> <p>PAFs losing Land Only:- 656</p> <p>Total PAFs:- 760</p> <p>(a) Scheduled Tribe:- 2</p>																										
9	<p>Financial Details</p> <p>(a) Project cost as originally planned and subsequent</p>	<p>Project cost: 5088.88 Cr (July 2005 PL)</p> <p>CCEA approved: 8112.12 Cr (March 2013 PL)</p>																										



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	<p>revised estimates and the year of price reference</p> <p>(b) Actual expenditure incurred on the Project so far</p> <p>(c) Allocation made for Environment Management Plan</p> <p>(d) Actual expenditure incurred on EMP so far</p>	<p>Actual expenditure: 314.23 Crs (till March 2016)</p> <p>Allocations for EMP: 330.32 Crs</p> <p>Actual expenditure incurred on EMP: Work yet to start.</p>
10	<p>Forest Land Requirements</p> <p>(a) Status of approval diversion of Forest Land for non-forestry use</p> <p>(b) The status of clear felling of trees in Forest Land</p>	<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. Forest Clearance for diversion of 188.76 Ha forest land (earlier KHANP) on left bank of dam/ reservoir: recommended by J&K FAC on 03.10.2015. Also 7.2 ha of forest land for underground works in Dul area also cleared. Clearance letter shall be issued by the Forest Department of GoJK after CVPP deposits the requisite amount.</p> <p>(b) Clear felling status: felling shall be started shortly.</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 and/or planned): by end of the year</p> <p>(b) Date of completion (actual and/or planned): 66 months from the start of major works.</p>
12	<p>Reasons for the delay (If the Project is yet to be started)</p>	<p>Turnkey tender was cancelled in Feb 2016 due to high cost. Then tendering of works on Package</p>



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		mode was started which has been stalled in view of the interim order dated 02.05.2016 of the Hon'ble High Court of J&K. The tendering process shall be started once the stay is vacated.
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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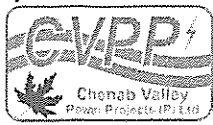
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ANNEXURE-II

Status of Compliance of conditions stipulated by MOEF, 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	Soil Conservation Department, GoJK has been requested to take up the treatment work. Work shall be started once the construction of major structures of the Project are started.
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. NPRR - 2007 package will be followed for R&R of PAFs.	R&R Plan is under consideration of the Govt of J&K and the same shall be implemented once approved.
iii	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.	Proposal for Monitoring Committee is being submitted.
iv	The commitment made during the public hearing should be fulfilled.	Shall be complied.
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	Construction yet to be started. Shall be complied.



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vi	<p>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.</p>	<p>Construction yet to be started. Shall be complied.</p>
vii	<p>The fishery 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>	<p>Shall be complied.</p>
viii	<p>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:</p> <p>(a) Provisions proposed for the habitat improvement in the Mitigation Plan should be discussed with Wildlife Institute(WII), Dehradun and be modified accordingly.</p> <p>(b) State Wildlife Department may redefine the core area of the National Park considering the human population pressure etc.</p> <p>(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.</p>	<p>Mitigation Plan was prepared/ modified in consultation with Wildlife Institute of India, Dehradun. The core area of the KHANP has been redefined.</p> <p>Final forest clearance for the former KHANP area has been obtained for which Project has to deposit Rs 414.20 Crs to Forest Dept. which includes Rs236 Crs which includes Rs.100 Crs for the corpus fund for the protected area for conservation of wildlife. NPV amount of Rs 178.20 Crs has been deposited by CVPP and balance amount of Rs 236 Crs shall be deposited shortly.</p>



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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.
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.	Shall be complied
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.	Shall be 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.	Shall be 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	Shall be 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.	Shall be complied
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	Provision kept in DPR



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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.	Proposal for constitution of Committee is being submitted.
vii	Six monthly monitoring reports should be submitted to the Ministry and its Regional Office, Chandigarh for review.	Shall be complied