

Six monthly Monitoring Report on
Compliance of conditions stipulated in Environment Clearance of Chamera Power Station, Stage-II
(Oct-2022 to Mar-2023)

1	Name of the Project	Chamera Power Station Stage-II (300MW)
2	Type of the Project	Hydroelectric Project
3	Clearance Letter (s) OM No.& Date a)Environment clearance b)Forest clearance	a) J-11016/44/84-EN-5 dated 06.03.1985 b) 8-53/86-FC dated 17.06.1987
4	Locations a)District(s) b)State(s) c)Latitude d)Longitude	Chamba. Himachal Pradesh 32° 31'34"N 76° 08'30"E
5	Address for Correspondence a) Address of concerned Project Head (with pin code and telephone/ fax nos.) b) Address of concerned HOD in Corporate Office(with pin code and telephone/ fax no.	General Manager(I/C), Chamera Power Station Stage-II NHPC Ltd.,Distt. Chamba(HP) -176310 Phone No.01899-220210 Fax No. 01899-220030,220131 Executive Director (Environment & Diversity Management), NHPC LTD. NHPC Office Complex, Sector-33, Faridabad (Haryana)-121003 Tel No. 0129-2254674
6	Detail of Environmental Management Plans	Environmental Management Plans (EMP) include following: (i) Compensatory Afforestation Scheme (ii) Catchment Area Treatment Plan (iii) Restoration & Muck Disposal Plan (iv) Green Belt Plan (v) Health Aspects (vi) Free- fuel Arrangement for Project Laborers.
7	Break-up of the Project area (land details) a) Submergence area (forest and non-forest) b)Others	a) Submergence area (i)Forest Land : 24.75 ha (ii)Private Land : 0.38 ha (iii)Govt. Land : 3.63 ha b)Others: (i) Forest Land : 12.32 ha (ii)Private Land : 24.5122 ha [#] (iii)Govt. Land : 15.785 ha

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		# Net Private land(Sl.No. b(ii) after transfer of 0.3278 to PGCIL for construction of Pooling Station vide sale deed dated 3.11.2020.
8	<p>Breakup of the Project affected population with enumeration of those losing houses /dwelling units only, agricultural land only, both dwelling units and agricultural land and landless labourers/artisans.</p> <p>a)SC/ST/Tribals</p> <p>b)Others</p>	<p>Total number of affected families: 93</p> <ul style="list-style-type: none"> • Number of families losing houses only: 25 • Number of families losing part agricultural land only : 63 • Number of families losing both Houses &Agriculture Land:05 <p>a) SC : 21 ST : 03</p> <p>b) Others: 69 Total: 93</p>
9	<p>Financial details</p> <p>a) Project cost as originally planned and subsequent revised estimates and the years of price reference</p> <p>b) Allocations made for environmental management plans.</p> <p>c) Actual expenditure incurred on the Project so far.</p> <p>d) Actual expenditure incurred on the environmental management plans so far.</p>	<p>(a) ₹ 1684.02 Crores (August 1998 PL)</p> <p>(b) ₹ 13.00 Crores (August 1998 PL)</p> <p>(c) ₹ 2062.88 Crores (Capital)</p> <p>(d) ₹ 1284.89 Lakhs</p>
10	<p>Forest Land requirements</p> <p>a) Status of approval for diversion of forest land for non- forestry use</p> <p>b) The status of clear felling in forest land.</p>	<p>a) MoEF&CC vide letter dated 17.06.1987 approved diversion of 78.78 ha forest land. However, only 37.07 ha of forest land have been taken over for project construction.</p> <p>(b) No felling of trees on forest land was done.</p>
11	<p>Status of construction</p> <p>a) Date of commencement (actual and/ planned)</p> <p>a) Date of completion (actual or planned)</p>	<p>(a) 18.05.1999 (Actual)</p> <p>(b) 09.02.2004 (Actual)</p>
12	Reason for the delay, if the project is yet to be started.	<p>Not Applicable.</p> <p>Project has already been commissioned.</p>

13	<p>Details of the site visit (1) By Monitoring Committee</p> <p>b) By Regional office.</p>	<p>The Environment Monitoring Committee (EMC) was Constituted vide circular dated 16.02.2000. The 5th meeting & site visit of EMC was held on 16th & 17th Dec. 2020.</p> <p>The representative of Integrated RO, MoEF&CC, Shimla visited Chamara-II PS for inspection of EC w.e.f 28.02.2023 to 29.02.2023.</p>
14	<p>Brief note on the status of compliance of the conditions stipulated by MoEF</p>	<p>Brief Note on status compliance of conditions is mentioned at Annexure-I.</p>

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Annexure-I

Sl. No.	Conditions stipulated in EC letter of Chamera-II Power Station (EC letter dated 06.03.1985)	Status of Compliance (as on Sep. 2022).
i	A necessary fuel arrangement should be made to the construction workers, at project cost, to prevent indiscriminate felling of trees in the neighboring forest areas. For this fuel depots should be opened in project area and suitable provision should be made to cover this cost.	Chamera-II Project has already been commissioned in 2004. As such, there is no requirement of free fuel arrangement on account of construction workers. However, for project staff, LPG cylinders are being arranged from LPG depot located at Karian, Chamba.
ii	Restoration of construction area should be ensured to the extent possible by : -Levelling and filling of borrow pits, -vegetation of exposed slopes and -landscaping etc.	Chamera-II Project was commissioned in 2004. The restoration of construction area was undertaken by way of filling of borrow pits, levelling and slope protection measures alongwith landscaping and plantation. Repair and maintenance work of dumping sites have been undertaken by NHPC in the month of Jan 2023 with an expenditure of Rs. 28.19 lakhs.
iii	Afforestation should be undertaken on large scale in the project area, along the reservoir periphery and the water conductor system by creating the green belt. Adequate provision for this, therefore, be made in project estimate.	Green belt Plan was implemented through State Forest Deptt. at a total cost of Rs 55.20 lakhs.
iv	Anti-poaching law should be strongly enforced around the project areas to provide protection to forest cover around and wild life. If required, necessary additional staff should also be provided to reinforce the control mechanism.	Enforcement of the anti-poaching law is being done by the HP State Forest Deptt.
v	A monitoring committee should be constituted with representative from state Forest Deptt., wildlife wing and Govt. Deptt. to oversee the effective implementation of the suggested safeguards and to minimize the damage to the surrounding environment.	Environment monitoring committee has been constituted by Project vide circular No NH/CH-II/C&P/P-165/2000/208-13 dated 16.2.2000.