

JUSTIFICATION FOR LOCATING THE PROJECT IN  
THE FOREST AREA

The area of Satluj river on both banks was surveyed with technical detail while conducting investigations. Thereafter various alternatives were analyzed, scrutinized as per required technical requirements. Incidentally, both the banks of Satluj river are terraced with the forestland. However left bank was found more suitable as the components of the project intercept less forest land and provide favorable geological conditions required for different components of the project as compared to the right bank. No other suitable area was available wherein use of forest land could be avoided/ minimized. In the present proposal, vegetation on the required area proposed for diversion is very low being mostly rocky/ barren. Since there is minimal destruction of green vegetation, therefore this location is suitable for construction of this Project. The forest area to be diverted is 0.7-37-22 Ha and complete detail of the same are attached in Checklist Sr. No 7 . Number of trees involved in the proposed land are 112 including saplings. For the construction of Shongtong Karchham HEP, MoEFCC has already accorded approval for diversion of 63-50-15 Ha of land vide MoEF&CC FNo. 8-78/2010-FC dated 14.11.2012 ,copy of which is attached in the proposal folder.

(Signature of User Agency)

Office Seal

Shongtong Karchham HEP,  
HPPCL, Reckong-Peo,  
Distt. Kinnaur H.P., 172107

Countersigned By:-

Divisional Forest Officer,  
Kinnaur Forest Division,  
at Reckong-Peo



## JUSTIFICATION FOR LOCATING THE PROJECT IN THE FOREST AREA

The area proposed for diversion for Shongtong Karchham HEP 450 MW, as additional land measuring 7.3722 ha are located in various Up Mohal of Kalpa Tehsil of Kinnaur District complete details of the area proposed for diversion is detailed below:

S.No.	District	Division	Range/Tehsil/Village	Khasra/ Survey or Compartment Number of Km. Stone		Forest Area proposed for Diversion (Ha.)	Legal status of Forest Area	Remarks
1	Kinnaur	Kalpa	Kalpa (Shudharang)	561/1		0-21-91	Charagah Drakhtaan	Dumping area adjoining to the existing Dumping area No. 3 on right bank of river Sutluj near Shongtong bridge.
				568		0-84-09	Charagah Drakhtaan	
				569		0-38-70	Charagah Drakhtaan	
				Sub Total	03 kita	1-44-70		
			Kalpa (Barang)	3/2		0-29-60	Charagah Drakhtaan	Dumping Area near Adit-II on left bank of Sutluj River.
				Sub Total	1 kita	0-29-60		
			Kalpa (Tangling)	21/1		0-58-83	Charagah Drakhtaan	Adit-I portal on left bank of river Sutluj including its working areas.
				2/1		1-10-05	Charagah Drakhtaan	Dumping Area on left bank of river Sutluj near Adit-I below existing HPPWD road Shongtongto Purbani.
				2/2		2-38-13	Charagah Drakhtaan	Dumping Area on left bank of river Sutluj near Adit-I below existing HPPWD road Shongtongto Purbani. D/s of proposed Adit-I
				1/1		0-15-73	Gairmum kindariya	Silt Flushing Tunnel 's outlet portal and approach road to
				838/1		0-35-86	Charagah Drakhtaan	portal & its working area.
				840/1		0-34-36	Charagah	



				Sub Total	06 kita	04-92-96	Drakhtaan	
			Kalpa (Powari)	854/823/1		0-56-36	Charagah Drakhtaan	Intake tunnels & Diversion tunnel outlet & its working areas in between existing HPPWD road and vertical cliff.
			"	810/2		0-13-60	Charagah Drakhtaan	Approach road to RBM site at Powari on left bank of river Sutluj.
				Sub Total	2 kita	0-69-96		
				G.Tot al	12 Kita	7-37-22		

The details of trees standing in the Proposed diversion along with Khara no s are given in the Enumeration list attached with the proposal. Although as per the requirement/compliance sought by the CF is as under:

SN	Kh. No	Area(Ha)	No of trees standing	Remarks
1	1/1	0-15-73	5	4 No. Neoza & 1 No. Thum
2	21/1	0-58-83	16	18 No. Neoza, 3 Thum & 4 Neoza sapling and 1 Thum sapling
3	854/823/1	0-56-36	17	14 No. Neoza, 3 No. Thum & sapling of Neoza 8 No. Mohru 10 No.
4	561/1 & 568	0-21-91 & 0- 84-09	15	4 No. Neoza, Khidk 1 No. Kunishk, 10 & Sapling of Ash 9 no. Neoza 2 No. Kunishk, 20 No. Alanthus No.
		Total	53	

Reason for finalizing the Proposed Forest land are as per the Revised final drawing of 450 MW which cannot be changed because of the alignment already finalized/Fixed after various studies conducted through various technical experts moreover both banks of Satluj river has been studied and surveyed in detail while conducting the investigations to accord various technical details and then the various alternatives have been concluded analyzed and scrutinized, incidentally both the banks of Satluj river have been terraced with the forestland. However left bank was found more suitable as the components of the project intercept less forest land and it also provide good



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scheme from the view of deriving benefits by feeding power to the Northern grid.

Govt. of Himachal Pradesh has allotted Shongtong Karchham HEP(402 MW) HEP, to Himachal Pradesh Power Corporation, vide letter No. MPP-F(2)-5/2005-II, Govt. of HP, Deptt of MPP& Power dated 6<sup>th</sup> January 2007. after obtaining all the statutory clearances, Project proponent had started the construction activities. MOEFCC has already accorded the Forest Clearance for 63-50-15 ha (Copy attached as **Annexure-I**) for the construction of Shongtong Karchham HEP(402 MW) Details for Land diverted is attached as (**Annexure—II**) by implementation of this project, 6 numbers of Panchayats being declared as Project affected Panchayats of STKHEP will be benefitted under various R&R schemes are as under :

SN	Name of Gram Panchayat	No. of Beneficiaries	Remarks
1	Khawangi,	180	
2	Shudharang,,	158	
3	Kalpa	465	
4	Powar	224	
5	Barang	328	
6	Mebar.	71	
	<b>Total</b>	<b>1426</b>	

Approximately 3000 skilled, semi skilled and unskilled persons during construction phase would be employed for a period of 66 months (including infrastructure development) beside about 25 directly employed regular staff in the operation phase. In addition to it the project would generate indirect employment in both construction and operation phases like, Hiring of vehicle, hiring of Buildings, petty contracts, fisheries, retail business & tourism etc.

*[Signature]*  
Divisional Forest Officer,  
Kinnaur Forest Division  
at Reckong Peo (H.P.)

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