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Full Title of Project: Diversion of 0.6995 Ha. of Forest Land for Construction of Barod SHEP 1.00 MW,
Tehsil Manali, Kullu Forest Division, Kullu at Distt. Kullu (H.P.)

File No. :
Proposal No. : FP/HP/HYD/21645/2016
Date of Proposal : 05/01/2017

Check List Serial Number -10

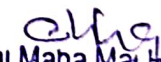
JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

Each and every industry requires energy for its functioning which is met by electricity. The demand of electricity has been growing at an exponential rate in the country due to the overall economic development as well as growth in population. It has been estimated that the country needs to add about 9% of the installed capacity every year in next decade or so to meet increasing demand of power. It is now estimated that in the terminal year of current plan i.e. 2007 the shortage of power and energy may be to the extent of 28% and 10% respectively in the country. The installed capacity of the Northern region power Grid, which comprises Jammu & Kashmir, Himachal Pradesh, Punjab, Haryana, Uttar Pradesh and Rajasthan, as on as on 31st March 98 is 24740 MW (including Central sector projects) with an energy availability at 98960 Mkw. The region presently faces Shortages in peak load and energy availability to the extent of 26% and 8% respectively. After taking into consideration the capacity addition in past few years, it is estimated that at the end of the ninth plan, the deficits both in peak load and energy availability would increase further

No other viable alternative is available for the project, so it has to be as such be located in the forest land. Before finalizing this layout, three alternatives have been explored and one conveying minimum disturbance to the local population and forest area with minimum no. of trees is selected, keeping in view the other technical parameters required for the construction of the project. The same has also been certified by the concerned Divisional Forest Officer and Sub Divisional Officer (Civil) during the joint inspection of the project site on dated 22.01.2016 (certificate enclosed on Page No..126.....)

Though three routes were considered. For selection of the best alternate, overall forest area, number of trees and length in forest area involved in Alternative-I are comparatively minimum, hence the same was finalized.

Date: 1.1.2017
Place: Kullu


Dani Maha Mai Hydel Project
ALOGROUND, MANALI
DISTT KULLU (H.P.)
Authorized Signatory

Countersigned By:-


Divisional Forest Officer
Divisional Forest Officer
Forest Division Kullu (H.P.)