

PHARARI POWER PRIVATE LIMITED

House No. 99, Ward No. 8, Dhalpur, Kullu - 175101

Email: parbatenergy@gmail.com

PH. 01902 222120

Full Title of the Project: Diversion of 0.5959 Ha. Of Forest land for Construction of Pharari SHEP 2.00 MW, Tehsil Kullu Forest Division at Distt. Kullu (HP)

File No.

Proposal No.

Date of Proposal

FP/HP/HYD/41259/2019

ALTERNATIVES EXAMINED AND REASONS

Observations

From the above comparative analysis Route -2 & 3 have not been found suitable for the Diversion of **0.5959 Ha.** of forest land for Construction of **Pharari SHEP 2.00 MW**, Tehsil Manali Forest Division at Distt. Kullu (H.P.) due to following reasons;

Alternate 2; Forest area involved in this route is maximum road accessibility in this route is almost nil in 70% route. Maximum tree cutting is involved in this route. Construction cost will be highest in this route. Forest land diversion cost will be very high, although there will be less inhabitants and agriculture land, involvement.

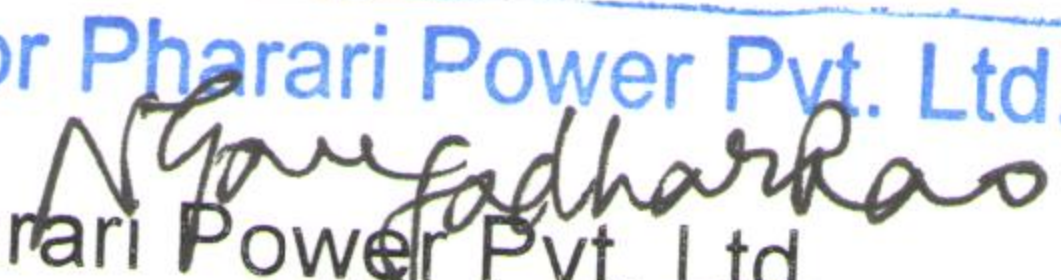
Alternate 3; This is the longest alternative route, Development & construction cost will be on higher side, road accessibility is low as compared to Route-1, soil type is not suitable for construction.

Recommendations

The Alternate-1 is recommended for the Diversion of **0.5959 Ha.** of forest land for construction of **Pharari SHEP 2.00 MW**, Tehsil Manali Forest Division at Distt. Kullu (H.P.)

1. This route is the shortest
2. All the components are on safe places.
3. Least no. of trees under cutting/trimming as compare to other routes.
4. Forest /Govt land involvement is least in this route
5. This line route has been so selected that majority of components locations are on safe locations, reducing thereby proximity to the forest area, habitations, and religious place
6. Most of the components is accessible from vehicular roads.
7. This alternate is geologically suitable for the construction of various components.


Range Forest Officer
Patlikhal Forest Range

For Pharari Power Pvt. Ltd.

Pharari Power Pvt. Ltd.
Pharari SHEP 2.00 MW
Director

Countersigned By:-

Divisional Forest Officer
Kullu Forest Division Distt. Kullu
H.P.

N-32°06'15"

MAP OF PHARARI SHEP 2.00MW
ALTERNATES-1,2,3

TOPOGRAPHIC VIEW OF THE PROJECT AREA
FINAL LAYOUT PLAN OF PHARARI SHEP 2.00MW
TOPOSHEET NO.52H/4 SCALE 1:50000

ALTERNATE-2

MUCK DUMPING-4

NORTH (N)	EAST (E)
32°06' 0.66"	77°04' 50.54"
32°06' 08.58"	77°04' 50.70"
32°06' 08.33"	77°04' 50.54"
32°06' 08.44"	77°04' 50.39"

POWER CHANNEL

NORTH	EAST
32°06' 08.21"	77°04' 50.53"

MUCK DUMPING-6

NORTH	EAST
32°06' 13.44"	77°05' 04.92"
32°06' 13.28"	77°05' 04.95"
32°06' 13.22"	77°05' 04.57"
32°06' 13.38"	77°05' 04.54"

ALTERNATE-1

Proposed Penstock
Size=575X.70M

POWER HOUSE

NORTH	EAST
32°06' 15.66"	77°05' 17.73"
32°06' 15.45"	77°05' 17.01"
32°06' 16.55"	77°05' 16.64"
32°06' 16.81"	77°05' 17.36"

Proposed Power House &
Switch Yard
Size=35X20M
EL=1647.00M

PENSTOCK

NORTH	EAST
32°06' 13.84"	77°05' 08.12"

ALTERNATE-3

FOREBAY

NORTH	EAST
32°06' 11.18"	77°04' 56.13"
32°06' 10.92"	77°04' 55.49"
32°06' 11.14"	77°04' 55.18"
32°06' 11.45"	77°04' 55.89"

N-32°06'00"

MUCK DUMPING-3

NORTH	EAST
32°05' 59.62"	77°04' 42.55"
32°05' 59.45"	77°04' 42.67"
32°05' 59.83"	77°04' 42.41"
32°05' 59.53"	77°04' 42.29"

PROPOSED ROAD
SIZE=34.8X4M

Proposed Power Channel
Size=L-990.00

Proposed Power Channel
Size=L-814.00

TRENCH WEIR

NORTH	EAST
32°05' 52.81"	77°04' 34.56"
32°05' 52.81"	77°04' 34.56"
32°05' 52.81"	77°04' 34.56"
32°05' 52.81"	77°04' 34.56"

MUCK DUMPING-2

NORTH	EAST
32°05' 55.50"	77°04' 36.58"
32°05' 55.44"	77°04' 36.31"
32°05' 55.20"	77°04' 36.53"
32°05' 52.28"	77°04' 36.38"

POWER CHANNEL

NORTH	EAST
32°05' 59.83"	77°04' 43.77"

DESILTING TANK

NORTH	EAST
32°05' 54.83"	77°04' 36.26"
32°05' 54.64"	77°04' 36.52"
32°05' 53.78"	77°04' 35.95"
32°05' 53.98"	77°04' 35.74"

PROPOSED FEEDER CHANNEL

NORTH	EAST
32°05' 52.74"	77°04' 34.54"
32°05' 53.91"	77°04' 35.80"

Proposed Weir site
Size=20X12M
EL=1875M

MUCK DUMPING-1

NORTH	EAST
32°05' 52.55"	77°04' 34.44"
32°05' 52.00"	77°04' 34.25"
32°05' 52.22"	77°04' 34.07"

INDEX TO DETAIL

1. BOULDER	
2. RIVER	
3. PROPOSED TOWER POINT	PN-17 @ 1898.064
4. SPOT LEVEL	
5. NALA	
6. CULTIVATION	CULTIVATION
7. TREE	
8. HOUSE, HUT, W. MILL	
9. UNMADE ROAD	Unmade Road
10. ROAD	ROAD
11. FOOTPATH	
12. ELECTRIC LINE	

TOPOGRAPHICAL SURVEY OF
PHARARI SMALL HYDEL PROJECT (2 MW), DISTT. KULLU
HORIZONTAL & VERTICAL SCALE-1:2000 C.I.I M

SCALE-1C.M.=50.00M

GENERAL LAYOUT PLAN- ALTERNATES

For Pharari Power Pvt. Ltd.

N. G. Padharkar
Director

Range Forest Officer
Patlikubal Forest Range

Range Forest Officer
Patlikubal Forest Range

Divisional Forest Officer
Kullu Forest Division Kullu