

PARSHANTI HYDRO ENERGIES PVT. LTD.

REGD OFFICE: Sai Sankalp Near PNB Bagher Road VPO Panchrukhi
Palampur Tehsil, Distt. Kangra, Himachal Pradesh Email: parshanti.hydro@gmail.com,
Mobile: +91-9910039880 CIN: U40101HP2007PTC030681

Justification for the construction of LINGTI 0.5MW SHEP, located in Mohal Rakh, Tehsil Palampur, distt Kangra, Himachal Pradesh. Locating & diversion of 1.1163Ha forest land for the same.

For the **Lingti 0.5MW SHEP project**, located in Village Rakh, Tehsil Palampur, distt Kangra of the state of Himachal Pradesh, our small hydro project as mentioned above, requires **approx. 1.1163ha of forest area** for construction of this project and the various project components. These included area for the construction of the,

- Diversion area and Intake on the Lingti khad & the desilting tank.
- Water conductor pipe / channel - penstock, as required and necessary, including tail race.
- Muck dumping sites & support structure.
- Powerhouse & Switch Yard area.
- Transmission Line from the powerhouse to the interconnection point, as specified, confirmed and approved by HPPTCL & HPSEB. Necessary approvals and confirmation has been taken by us from HPPTCL, Shimla.
- Bare minimum approach road to the powerhouse.

Catchment area of the Lingti nallah, is located below and above the diversion structure comprises of forest land, with minimum or no trees. The bed slope of the nallah, is in ideal condition for the hydro electric power generation from this project.

The natural flow of water and the regime of the nallah will not be disturbed and the water after electric generation, would be released back in the nallah on the run of the river principle, thereby conserving the water flow.

This 0.5MW SHEP Lingti project has many socio-economic benefits for the local population and the state of Himachal Pradesh, enumeration below

- Generation and transmission of green / clean energy on long term basis, thru renewable energy sources, like water which is perennial and available round the year, by way of melting of snow and rainfall.



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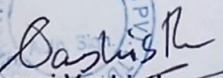
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- Provision of reliable power supply to the rural areas in the catchment & nearby area.
- Generating local employment during and after construction of this project and stimulating local economic activity, development of backward and rural areas of HP state, thereby stopping migration to the cities and keeping villages as hub of economic activity.
- Eliminating use of fire wood, hazardous kerosene, petrol, diesel for local energy generation & usage, thereby minimising deforestation.
- Conserving the forest areas and its resources for optimal usage, reducing deforestation.
- Minimise wastage as water is just flowing and being a local state resource, can be put to use for clean energy generation.
- Funds to be made available, via LADA payment to the local panchayat for rural works and also by way of water royalty / free units to the state government coffers, thereby enhancing state govt revenues.
- Direct and indirect benefit to the local population approx. 1400 people (as per google) of the village Rakh of Tehsil Palampur, distt Kangra of HP.
- Preservation of biological diversity, protection of ozone layer & reduction in global warming, by generation of electricity thru clean & renewable resources like water, which is being otherwise wasted and left untapped as of now.

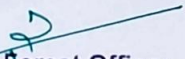
This Lingti 0.5MW SHEP project has many direct and indirect benefits. Hence this project is requested to be considered.

This is for your kind information & record.

Authorised Signatory


Neeraj Vashishth
DIRECTOR
New Delhi-17

Countersigned: by the DFO


District Forest Officer, DFO
Palampur Forest Division
Palampur, HP

