

SANJEEV HYDRO PROJECTS PRIVATE LIMITED

VPO SAUHORA, TEHSIL & DISTRICT KANGRA (H.P.)

CIN: U40101HP2016PTC001151 ; EMAIL: loweriku@gmail.com

RefNo. SHPPL/2023-2024/004

Dated 09.05.2023

To,

The Divisional Forest Officer,
Dharamshala Forest Division,
Dharamshala

Subject : Diversion of 0.6806 hectare of forest land in favour of Sanjeev Hydro Projects Private Limited VPO Sauhora, Tehsil & District Kangra, HP for the construction of Lower Iku Small Hydro Electric Project (1 MW), within the jurisdiction of Dharamshala Forest Division, District Kangra H.P. (**Online Proposal No. FP/HP/HYD/41472/2019**)

Dear Sir,

Kindly refer to the points discussed in Minutes of 16th Meeting of Regional Empowered Committee of Integrated Regional Office, Shimla held on 21st February, 2023, Agenda item No. 3. In this regard we hereby submit as under:

Sr. No.	Query / Observation	Reply
1.	State Government shall submit proper justification of proposing many number of dumping sites.	The justification for proposing 7 (seven) number of Dumping Sites has been uploaded against Additional Information and same is enclosed herewith.
2.	The documentary proof regarding the possession of CA Land with Forest Department is required to be submitted.	The Point pertains at your level.
3.	State Government shall provide the balance CA area for Plantation of 1362 plants in 1.36 ha area along with all required documents / maps etc.	The Point pertains at your level.
4.	State Government shall provide approved copy of study on	The letter from Department of Environment, Science and Technology regarding mitigation

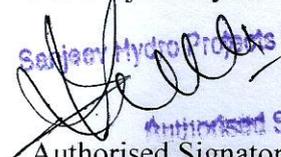
<p>“Assessment of Environmental Management Systems and Implementation Capacity” carried out by Department of Environment, Science and Technology regarding mitigation measures to be adopted in Small Hydro Electric Projects upto 25 MW along with an Undertaking from User Agency duly authenticated by concerned DFO to comply the mitigating measures suggested in the aforesaid study.</p>	<p>measures to be adopted in Small Hydro Electric Projects upto 25 MW is enclosed herewith. The Undertaking to comply with the mitigation measures as suggested in the aforesaid study has been uploaded against Additional Information and same is enclosed herewith.</p>
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Therefore we request you to kindly consider our proposal for 1st Stage Clearance for diversion of 0.6806 Ha. forest land for the construction of the above cited project.

Thanking You,

Yours faithfully,

For Sanjeev Hydro Projects (P) Ltd.


Sanjeev Hydro Projects Pvt. Ltd.
Authorised Signatory
Authorised Signatory

DIVERSION OF 0.6806 HA. OF FOREST LAND FOR CONSTRUCTION OF LOWER IKU SMALL HYDRO PROJECT 1 MW IN DISTRICT KANGRA (H.P.)

FILE NO. : **FP/HP/HYD/41472/2019**

DATE OF PROPOSAL :

JUSTIFICATION REGARDING DUMPING SITES

The Lower Iku Small Hydro Project is a run-off river scheme. The components to be constructed are not connected with road facility, so the muck generated cannot be transported to a particular site. The Dumping Sites as required have been proposed in the adjoining area of the component. The muck generated shall be disposed-off in a planned manner. The proposed Dumping Sites will be protected by constructing Retaining walls and no muck shall be disposed-off in the forest land or rolled down on hill side. The Reclamation of the Dumping Sites will be done in a planned manner. Plantation of suitable local species will be done with consultation of Forest Department, before handing over the said land to Forest Department.

For M/s Sanjeev Hydro Projects (P) Ltd.

Place : Dharamshala
Dated : 09-05-2023

Sanjeev Hydro Projects Pvt. Ltd.
Authorised Signatory
Authorised Signatory

Countersigned by :

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala
Dharamshala



**DIRECTORATE OF ENERGY
GOVERNMENT OF HIMACHAL PRADESH**

SHANTI BHAWAN PHASE-III SECTOR-6 NEW SHIMLA -9

TEL NO: 0177-2673551, FAX NO: 2673553, Email: dir.doehp@nic.in, ceenergy09@gmail.com

No. - HPDoE/CE (Energy)/CEIA (Ravi Basin)/2021- 8218-19

Dated: 12/01/2022

To

The Nodal Officer-cum-APCCF (FCA),
Forest Department, Tolland, Shimla,
Himachal Pradesh.

Subject: Diversion of 8.0678 hectare of forest land in favour of M/s Friends Him Energies, C/o near Happy Sr. Secondary School, Jail Road, Gurdaspur-143521, for the construction of Suil-IV SHEP within the jurisdiction of Churah Forest Division, Distt. Chamba, Himachal Pradesh (On line no. FP/HP/HYD/3537/2018)

Ref: - Your Office letter no Ft. 48-3785/2018(FCA) dated 24.07.2021.

Sir,

Please refer to above letter addressed to CEO, HIMURJA and subsequently in receipt of HIMURJA letter no Himurja/SHP-IA/Suil-V-6200 dated 02.12.2021(copy enclosed) from Project Director Cum Dy. CEO, HIMURJA on the subject cited matter where in it has been informed that MoEF & CC, GoI has observed following:

"The concern of the State to provide for mitigating measures of individual projects in the EMP does not seem to be tenable as it is devoid of factual basis. The hydel projects up to 25 MW are not covered under the EIA notifications and hence may not involve preparation of EMPs and also cannot be appraised by the SEAC as adverted by the state. The state Govt. may provide their comments in this regard."

In this context, it is submitted that Deptt. of Environment, Science & Technology, GoHP is appropriate Deptt. to offer comments on the above observation. The matter in a similar case (for SHEP Upper Makkan-II - 5 MW, Distt.- Chamba) was taken up with Environment, Science & Technology Deptt. and Deptt. of Environment Science and Technology vide letter no. Env.S&T/SEIAA (061)/2009-Miscellaneous-2660 dated 09.12.2021 has stated that "the hydel project up to 25 MW does not fall in purview of Environment Impact Assessment Notification, 2006 and its subsequent amendments". Further the comments and correspondence w.r.t. mitigative measures to address the projects up to 25 MW as received from Env. Scie, & Tech. Deptt., GoHP are attached herewith at **Annexure-I** for your kind information and further necessary action in the matter please.

Yours faithfully,

DA: As above

K.SINGH
(Er.Khem Singh Thakur)
Chief Engineer,
Directorate of
GoHP Shim

Sanjeev Hydro Projects Pvt. Ltd.

Authorized Signatory

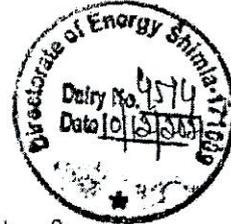
Copy to the Project Director-cum-Chief Executive Officer, HIMURJA, Urja Bhawan, Kasumpti Shimla-09 for kind information w.r.t. letter referred above please.

Chief Engineer,
Directorate of Energy,
GoHP Shimla-09

Sanjeev Hydel Projects Pvt. Ltd.

[Handwritten Signature]
Authorized Signatory

HIMURJA
(HP Energy Development Agency)
Urja Bhawan, Kasumpti, Shimla-171009.



No. Himurja/ SHP-IA/Suil-V- 6200
To

Dated: 02-12-2021

✓ M/s Deepak Jasrotia,
Superintending Engineer,
Shanti Bhawan Phase-III,
New Shimla-171009.

Subject: - Diversion of 8.0678 hectare of forest land in favour of M/s Friends Him Energies, C/o Near Happy Sr. Secondary School, Jail Road, Gurdaspur-143521, for the construction of Suil-IV SHEP within the jurisdiction of Churah Forest Division, Distt. Chamba, Himachal Pradesh. (On line No. FP/HP/HYD/3537/2018).

Sir,

On the subject cited matter this office is in receipt of letter No. Ft.48-3785/2018 (FCA). dated 24.7.2021 from Nodal Officer.Cum-APCCF (FCA) office of Pr. CCF (HoFF) H.P. vide which it has been informed that the MOEF has observed as under:-

“The concern of the State to provide for mitigating measures of individual projects in the EMP does not seem to be tenable as it is devoid of factual basis. The hydel projects up to 25 MW are not covered under the EIA notifications and hence may not involve preparation of EMPs and also cannot be appraised by the SEAC as adverted by the State. The State Govt. may provide their comments in this regard.”

In this context it is submitted that as per point No. 2 and point No.4 (iii) of the notification dated 14th September 2006 of Ministry of Environment and Forests (MoEF), State Environment Authority (SEIAA) is authorized to give environmental clearance for projects put in Category-B in the schedule. Perusal of schedule reveals that no environment clearance is required for the projects upto 25 MW. This fact has also been clarified vide letter No. STE-F (I) 3/2017 dated 14.6.2017 of Spl. Secretary (Env. Science & Technology) to the

Director (Energy)
S.E (Energy)
S.E. 1 (Dam, Env. I.T Wb, SDA, Safety)
S.E -2 (TEC)
S.E -3 (Power Sale, SDA, Commercial Billing)
S.E -4 (Allot, Policy, LADF, Legal, V.S., Monitoring)
(Admin., Accounts & Finance)

se (inclusion)
MA
17/12/21

A.S.E (Gen. No.-1)
L

Andhika
14/12/21

09/12/2021

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Govt of H.P. (copy enclosed). This letter also mentioned that as these projects are of white category hence there is no need for such projects to undergo for consent mechanism, from EIA, therefore no cost on EMP is to be levied. Therefore in view of above, no EIA & EMP is required in respect of the projects upto 25MW.

As the issue involves projects upto 25 MW, and the comments have been sought from Government, therefore, further comments be forwarded to the quarter concerned at the lever of Directorate of Energy on behalf of the State Government.

Yours faithfully,


Project Director Cum
Dy. CEO, HIMURJA
Shimla-171009

As above:-
Copy to:-

6201

Dated:- 2-12-2021

The Nodal Officer-Cum- APCCF (FCA) O/o Pr. CCF (HOFF) H.P. Shimla-I (H.P.) with reference to letter No. Fl.48-3785/2018 (FCA) dated 24-07-2021 and letter of even file number dated 12-11-2021 for information please.


Project Director Cum
Dy. CEO, HIMURJA
Shimla-171009


Signature of Project Director Cum
Dy. CEO, HIMURJA

No. STE-F (1)2/2017
Government of Himachal Pradesh
Department of Env. Science & Tech.

From

The Addl. Chief Secretary (Env. Science & Tech.) to the
Government of Himachal Pradesh

To

1. The Director,
Environment, Science & Technology,
Paryavaran Bhawan, Near US Club, Shimla
Himachal Pradesh-171001
2. The Member Secretary,
HP State Pollution Control Board,
Him Parivesh, Phase-III, New Shimla, Himachal Pradesh 171009

Dated: Shimla-171002, the

14th June, 2017

Subject: -

Issues pertain to hydro power projects up to 25 MW in the State.

Madam/Sir,

I am directed to refer to the subject captioned above and to say that the matter with regard to consent to operate for the projects up to 25 MW was engaging the attention of the Government for some time past since the hydel projects up to 25 MW have been declared as white category project by the GoI, hence there is no need for such HEP (up to 25 MW) to undergo consent mechanism under Water/Air Act and also to obtain Environmental Clearance from SEIAA.

Further, no Environmental Management Plan (EMP) cost be levied on HEP (up to 25 MW) as these are not required to undergo EIA mechanism.

You are, therefore requested to take further necessary action in the matter under intimation to this department.

Yours faithfully,



(Hans Raj Sharma)

Spl. Secy. (Env. Science & Tech.) to the
Government of Himachal Pradesh

+91-177-2624899

Contd...P/2-



Handwritten signature and official stamp of the Addl. Chief Secretary.

"Annexure-I"

No. Env. S&T SE/LAA (061)-2009-Miscellaneous- 2666
Department of Environment, Science & Technology
Paryavaran Bhawan, Near US Club, Shimla-1
Ph: 0177-2656559, fax: 2659609

From:

The Director,
Department of Environment, Science & Technology,
Government of H.P.

To

The Superintending Engineer,
Directorate of Energy, Shanti Bhawan Phase-III,
Sector-VI, New Shimla, H.P.



Dated: Shimla-1, the 09.12.2021.

Subject: Diversion of 2.74 hectare of forest land in favour of M/s Himjal Hydel Power Pvt. Ltd. for the construction of Upper Makkun-II (5MW) Small Hydro Power Project in District-Chamba-reg.

Sir,

Please refer to your office letter no. HPDoE/CE(Energy) CEIA (Ravi Basin) 2021-4850-53 dated 08.09.2021, on the subject cited above.

In this regard, the matter has been examined by this office and it is observed that "the hydel project up to 25 MW does not fall in purview of Environment Impact Assessment Notification, 2006 and its subsequent amendments". However, the comments w.r.t. mitigative measures to address the projects up to 25 MW of this Department are attached herewith for your kind information and further necessary action please.

Director (Energy)
C.E (Energy)
S.E. 1 (Dam, Env. IT, Wb, SDA, Safety)
S.E. 2 (TEC)
S.E. 3 (Power Sale, SDA, Commercial Billing)
S.E. 4 (Allot. Policy, LAD, Legal, V.S., Monitoring)
(Admtr., Accounts & Finance)

10/12/2021

FE (Encl)
10/12/2021

Yours faithfully,

(Sudesh Kumar Mokhta, IAS)
Director
Department of Environment, Science & Technology
Himachal Pradesh, Shimla-1

The change in hydrological flow regimes, sedimentation, deteriorating water quality, greenhouse gas emission, migration corridors barriers and biodiversity loss are environmental impacts of hydropower projects. The small HEP's are Clean and renewable source of energy. They result in saving of non-renewable fuel resources such as coal, liquid fuels and gases.

Like all energy and water management works, hydropower projects including small scale have negative and positive environmental and social impacts. Hydropower may have significant environmental impacts at local and regional level but also provides advantages at macro ecological level.

Potential Environmental Impacts of Small Hydro Power projects:

A. Positive Environmental Impacts:

1. Clean and renewable source of energy.
2. Decrease of pollution in the area.
3. Improved ground water table increase greenery all around the area, which provide sink to CO₂ emission.
4. Improved biodiversity due to creation of habitats.
5. Benefits under EMP & CER to the affected areas.

B. Positive Social Impacts of HEP's:

1. Generation of employment opportunities to local people.
2. Improvement of living standard of local people.
3. Increased tourism potential.
4. Improvements of agriculture produce to lift irrigation schemes.
5. Improvement in infrastructure (road, health facilities, education facilities) of the area.

Negative Impacts of HEP's:

During Construction phase:

1. Due to construction activities of small hydro power projects, the probable impacts may be reservoir sedimentation, if constructed, deterioration of water quality, air and noise pollution, soil erosion, illegal muck dumping, change in river coarse, damage to existing structures due to blasting etc.
2. Due to diversion of stream there may be loss of aquatic life, depletion of ground water recharge, loss to aesthetic beauty of the stream/river etc.
3. Due to ponding, it can cause disruption of flow, change in land use, change in water temperature etc.
4. Due to construction of transmission line there can be damage to flora of the area, soil erosion etc.

Signature
Date: _____

During Operational phase:

1. Increase in pollution load due to residential areas in the downstream areas, which can be controlled by installing waste water treatment plant.
2. Released water contained low dissolved oxygen, which may affect aquatic life.
3. Noise level may increase due to rotation of turbine.
4. Erosion of banks near Tail Race Tunnel (TRT).

Parameters which also requires special attention in Small Hydro Power:

1. Land environment (land use, soil, geology & seismology)
2. Water environment (water resources, water quality, hydrology, ambient air quality, meteorology, noise)
3. Biological environment (ecology, aquatic ecology)
4. Socio environment (socio economic impacts)

Impact Prediction:-

1. Effect on air,
2. Effect on noise,
3. Effect on water,
4. Effect on Land,
5. Biological impacts,
6. Socio-economic impacts.

Other mitigative measures which can be made essential for Small HEP:-

1. Environment Management Plan.
2. Catchment area treatment Plan.
3. Creation of green belt development plan.
4. Biodiversity Conservation and Wild life Management Plan.
5. Fisheries Development plan for conservation/management of riverine fishes.
6. Resettlement & Rehabilitation (R&R)
7. Muck Disposal Plan in consultation with HP PCB & State Forest Department
8. Energy Conservation Measures
9. Dam Break Analysis & Disaster Management Plan.
10. Restoration and landscaping of working Areas
11. Management during the Road Construction
12. Sanitation & Solid Waste Management Plan for domestic waste from colonies and labour camps, etc.
13. Water and Air Quality & Noise Environment Management during construction and post construction periods:
14. Forest Protection Plan.
15. Environmental Monitoring Programme (With physical & financial details covering all the aspects of EMP).


Corporate Engineer Pvt. Ltd.
Authorized Signatory

DIVERSION OF 0.6806 HA. OF FOREST LAND FOR CONSTRUCTION OF LOWER IKU SMALL HYDRO PROJECT 1 MW IN DISTRICT KANGRA (H.P.)

FILE NO. : **FP/HP/HYD/41472/2019**

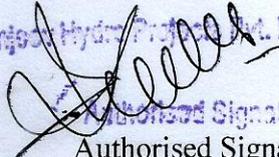
DATE OF PROPOSAL :

UNDERTAKING TO COMPLY WITH THE MITIGATION MEASURES

It is to certify that I, Sanjeev Kumar, Authorised Signatory for M/s Sanjeev Hydro Projects (P) Ltd. having its office at VPO Sauhora, Tehsil & District Kangra – 176001, have applied for diversion of 0-68-06 ha. of forest area for the purpose of execution of Lower Iku Small Hydro Power Project 1 MW in District Kangra.

I, hereby undertake to comply the mitigation measures suggested by the Department of Environment, Science and Technology to be adopted in Small Hydro Electric Projects upto 25 MW. The adverse impact during and after the construction of Project on the environment shall be taken care of.

For M/s Sanjeev Hydro Projects (P) Ltd.


Sanjeev Kumar
Authorised Signatory

Place : Dharamshala

Dated : 09-05-2023

Countersigned by :


Divisional Forest Officer
Dharamshala Forest Division
Dharamshala