



HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED

(A State Govt. Undertaking)

Registered Office
Number (CIN)
GST No.
Telephone Number
Website Address
Email

Vidyal Bhawan, HPSEBL, Shimla-171004 (H.P.)
UAN 03542062550/255
HPSEBL 03-2601675 (Office), 2658384 (Fax)
03-2601675 (Office)
www.hpsebl.com
omd@hpsebl.com & dca@hpsebl.com

No. HPSEBL/CEOCZ-DB-6/2020-21-
To

7316-17

Dated:-

19-09-2020

To Dinesh Butail
Butail Complex Palampur,
Distt. Kangra H.P.

Subject:- Feasibility report for evacuation of Power from Kasol SHEP (5 MW) and Grahani Kasol SHEP (5MW)

Sir,

Feasibility for evacuation of Power from subject cited SHEPs has been examined on the basis of existing and proposed evacuation system in the area. The detailed feasibility report is as under please:-

1. At present about 28 MW of Power is being evacuated through 33 KV D/C transmission line from Malana to Barshaini and before the commissioning of HPPTCL 33/132 KV GIS Sub- Station Barshaini and shifting of connectivity of existing IPPs connected with HPSEBL to said 33/132 KV Sub- Station of HPPTCL, it is not feasible to evacuate the power of (Kasol 5 MW and Grahani Kasol 5 MW) by making the LILO arrangement on said 33 KV transmission line at Kasol due to following facts:-
 - i. Length of said 33 KV Transmission line is 21.5 Km. and stands already liloed at two locations (at Chakshi SHEP and Balarga SHEP).
 - ii. Said 33 KV Transmission line stands already over loaded
 - iii. Capacity of the HPSEBL 33/132 KV Sub- Station Malana is 25/31.5 MVA hence required evacuation margin is not available at this Sub- Station.
2. However, after commissioning of 33/132 KV GIS Sub- Station of HPPTCL at Barsaini and shifting of connectivity of existing IPP's to this Sub- Station, 10 MW power of both IPP's (Kasol 5 MW and Kasol Grahani 5MW) can be evacuated by making the LILO arrangement of 33 KV Malana to Barsaini transmission line at Kasol subjected to the following conditions:-
 - i. The LILO arrangement shall be in the vicinity of existing line route and addition of line length shall not be more than 500 Mtr.
 - ii. Both the IPP's will come up to the said LILO arrangement in joint mode
 - iii. IPP's (Kasol 5 MW and Kasol Grahani 5MW) may lay the 33 KV underground cable without disturbing the existing 11 KV structures of HPSEBL.
 - iv. Control of the breaker installed at LILO arrangement and real time monitoring of electrical parameters shall be provided to HPSEBL at 33/132 KV Sub- Station Malana.

This is for your information and necessary action please.

DA: - Single line diagram.

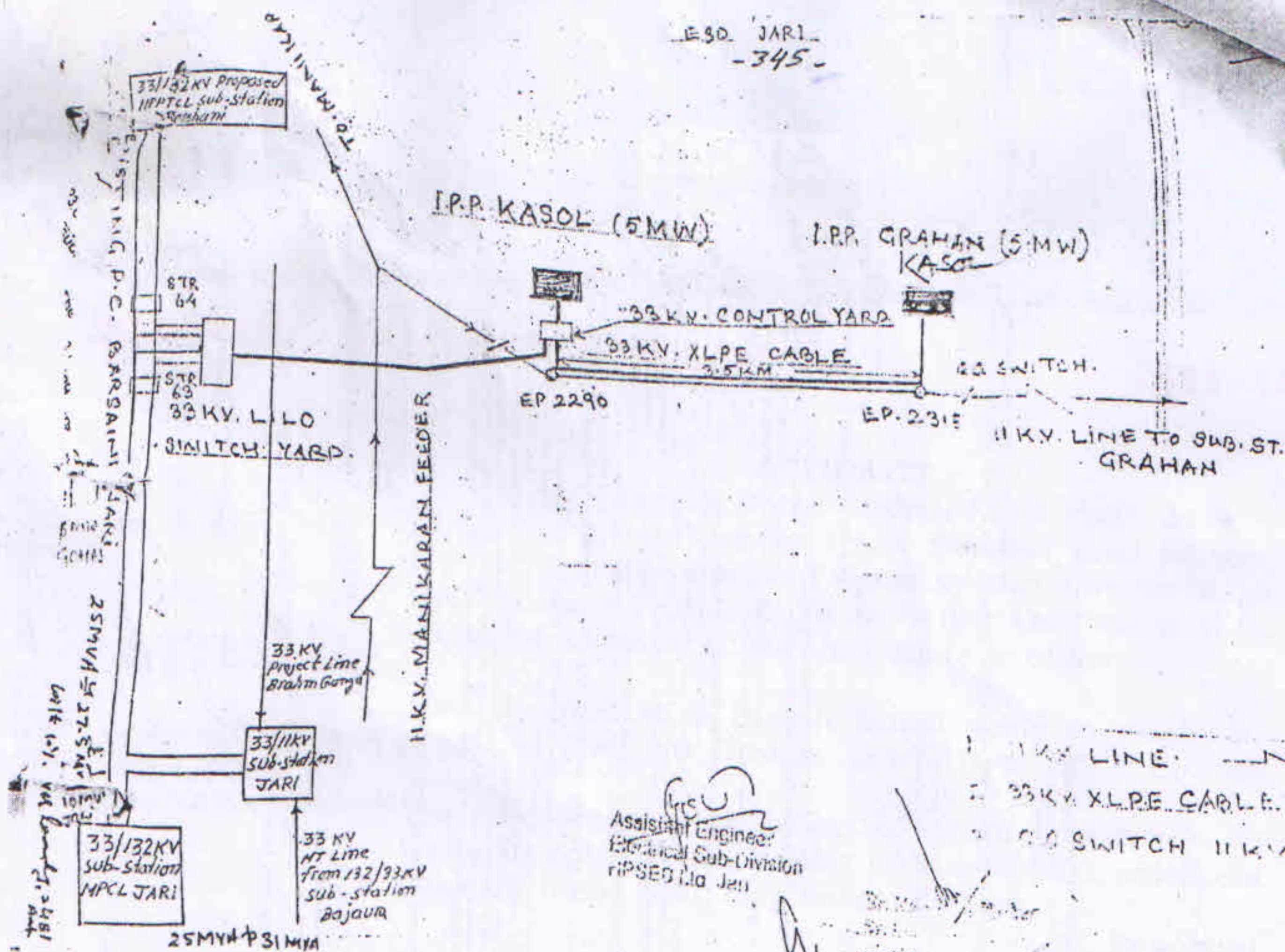
[Signature]
Chief Engineer, (Operation),
Central Zone, HPSEBL, Mandi.

Copy to the Superintending Engineer (OP), Circle, HPSEBL, Kullu w.r.t his office letter no. HPSEBL/OCK/DB-19/2020-21-3300-02 dated 05.09.2020 for information.

DA:- Nil

[Signature]
Chief Engineer, (Operation),
Central Zone, HPSEBL, Mandi.

ESD JARI
-345-



Assistant Engineer
Electrical Sub-Division
RPSD, Jaipur

A GM S ME
Amil Kumar

REPUBLIC OF INDIA
MINISTRY OF POWER
NATIONAL POWER STATE ELECTRICITY BOARD LIMITED
No. HPSBL/COCT-21-6/2020-21-7316-17
Dated: 19-09-2020

The Chief Engineer (SP),
HPSBL, Udam Bhawan,
Dogra Lodge Shimla-1.

Subject:- Feasibility report for evacuation of power from Kasol SHEP (5 MW) and Grahua Kasol SHEP (5 MW)

Sir, Feasibility for evacuation of power from subject cited SHEPs has been examined on the basis of existing and proposed evacuation system in the area. The detailed feasibility report is as under please:-

1. At present about 28 MW of power is being evacuated through 33 KV D/C transmission line from Malana to Barsaini and before the commissioning of HPSBL 33/132 KV GIS Sub-Station Barsaini and shifting of connectivity of existing ITPs connected with HPSBL to said 33/132 KV Sub-Station of HPSBL, it is not feasible to evacuate the power of Kasol 5 MW and Grahua Kasol 5 MW by making the LHO arrangement on said 33 KV transmission line at Kasol due to following facts:-
- i. Length of said 33 KV Transmission line is 21.5 Km. and stands already tilted at two locations for Chakshi SHEP and Baramu SHEP.
- ii. Said 33 KV Transmission line stands already over loaded.
- iii. Capacity of the HPSBL 33/132 KV Sub-Station Malana is 25/31.5 MVA hence required evacuation margin is not available in this Sub-Station.
2. However, after commissioning of 33/132 KV GIS Sub-Station of HPSBL at Barsaini and shifting of connectivity of existing ITPs to this Sub-Station, 10 MW power of both ITPs (Kasol 5 MW and Kasol Grahua 5 MW) can be evacuated by making the LHO arrangement of 33 KV Malana to Barsaini transmission line at Kasol subjected to the following conditions:-
- i. The LHO arrangement shall be in the vicinity of existing line route and addition of line length shall not be more than 500 Mtr.
- ii. Both the ITPs will come up to the said LHO arrangement in joint mode.
- iii. ITPs (Kasol 5 MW and Kasol Grahua 5 MW) may lay the 33 KV underground cable without disturbing the existing 11 KV structures of HPSBL.
- iv. Control of the breaker installed at LHO arrangement and real time monitoring of electrical parameters shall be provided to HPSBL at 33/132 KV Sub-Station Malana.

This is for your information and necessary action please.

DA:- Single line diagram.

Chief Engineer (Operation),
Central Zone, HPSBL, Mandi.

Copy to the Superintending Engineer (OP), Circle, HPSBL, Kulu via his office letter no. HPSBL/COCT/DB-19/2020-21-3300-02 dated 05.09.2020 for information.
DA:- Nil

Chief Engineer (Operation),
Central Zone, HPSBL, Mandi.

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AFFIDAVIT

I, M/S Dinesh Butail Grahan Kasol Hydro Project, Butail Tea Estate Bandla Tehsil Palmpur Distt Kangra, H.P. through its authorized signatory Shri Jitender Singh R/O Village & P.O. Jibhi Tehsil Banjar Distt Kullu, H.P., do hereby solemnly affirm and declare as under: -

ATTESTED

Suresh Kumar Sharma
Notary Sub-Division
Jdaipur (I & S) and Kullu

1. That the firm M/S Dinesh Butail going to establish/construct 5:00 mw Grahan Kasol Power SHEP in Distt Kullu, H.P.
2. That the deponent on behalf of the firm undertake to maintain e-flow of the project in view of NGT order and guideline of the Govt. of Himachal Pradesh.

Deponent

[Signature]

Verification

I, the above named deponent further declare and verify that the contents of my above affidavit are true and correct to the best of my knowledge and belief and nothing has been concealed there from. Verified at Kullu today on this 09-10-2020

Before me on _____ day of _____

At Udampur and Kullu by _____

And identified by Sh. _____

Certified further that this affidavit/doc. has been read over & examined in vernacular to the deponent and after admitting the contents of the same to be true and put his signature

Deponent

[Signature]

[Signature]
Deponent

[Signature]
Attested
Suresh Kumar Sharma
Notary Sub-Division
Jdaipur (I & S) and Kullu