

**H.P. POWER TRANSMISSION CORPORATION LTD.**

(A Government of Himachal Pradesh Undertaking)

State Transmission Utility of Himachal Pradesh

(Designated under Section 33 of the Electricity Act, 2003)

Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla — 171005

No.: HPPTCL/Planning & STU/I/945100/2026

Dated: 06/08/2026

To

[As per Circulation List enclosed]

Subject: Circulation of Minutes of 2nd meeting of STU Consultation Meeting for Evolving Intra State Transmission System in HP (STU-CMETS-HP) held on 11.06.2026.

Sir/Madam,

With reference to the subject cited matter, please find enclosed herewith the minutes of the **2nd meeting of STU Consultation Meeting for Evolving Intra State Transmission System in HP (STU-CMETS-HP) held on 11.06.2026** for information and further necessary action at your end, please.

DA: As above

Yours faithfully,

Digitally signed by

ROHIT SHARDA

Date: 06-08-2026

15:51:37

General Manager (C&D)

HPPTCL, Shimla — 05.

Circulation List:

A) HP Govt. Bodies/PSUs/Licensees:

1. Project Director cum Dy CEO (Himurja),
SDA Complex, Kasumpti,
Shimla – 171009, – **Through VC/In-Person**
2. Chief Engineer (System Planning),
HPSEBL, Vidyut Bhawan, Kumar House,
Shimla-04 – **Through VC/In-Person**
3. Chief Engineer (Energy),
DoE, MC Parking Building, 3rd floor,
Crossing, Near Tutikandi, Shimla-05 – **Through VC/In-Person**
4. General Manager (Electrical)
HPPCL, Himfed Bhawan BCS Shimla-09 - **Through VC/In-Person**
5. The Chief Engineer (HPSLDC)
Totu, Shimla-171011 – **Through VC/In-Person**

B) Intrastate Transmission System Long/Medium Term Users:

6. M/s GMR Bajoli Holi Hydropower Private Limited
302, New Shakti Bhawan, IGI Airport,
New Delhi-110037 – **Through VC**
7. M/s Nanti Hydro Power Private Limited
Gyama House, South End, Lane-IV, Sector-1,
New Shimla, Himachal Pradesh-171009 – **Through VC**
8. M/s Suryakanta Hydro Energies Private Limited,
Plot No. 171, Flat No. 501, R.S. Towers,
Guttala Begunpet, Kavari Hills, Madhapur,
Hyderabad, 500033 – **Through VC**
9. M/s Taranda Hydro Power Pvt. Ltd. (Rala)
Gyamba House, South End, Lane-IV,
Sector-1, New Shimla-171009 – **Through VC**
10. M/s Tidong Power Generation Private Limited (Tidong 100 MW)
401, Level 4, Salcon Rasvilas Building, Saket District Centre,
New Delhi-110017 - **Through VC/In-Person**

11. M/s JSW Energy (Kutehr) Ltd. (JSWEKL)
Kutehr HEP (240 MW), Village Machhettar,
P.O. Chanhouta, Tehsil-Bharmour, Distt. Chamba,
Himachal Pradesh-176309 – **Through VC**
12. M/s SJVN Limited
Shakti Sadan, Corporate Head Quarters, Shanan,
Shimla-171006– **Through VC**
13. M/s Kanchanjunga Company Pvt. Ltd (Baragaon)
A-26/5, First Floor, Street No. 8, West Vinod Nagar,
Delhi-110092 – **Through VC**
14. M/s Cosmos Hydro Power Pvt Ltd (Chanju-II)
D-12, 1st floor, Panchsheel,
Enclave-110017 - **Through VC/In-Person**
15. M/s Everest Power Private Limited (Malana-II)
C/o Greenko Group, 15th Floor,
Hindustan Times Building, 18-20 kG Marg,
New Delhi-110001 - **Through VC**
16. M/s Ambuja Cements,
PO-Darlaghat, Tehsil-Arki,
Distt. Solan, Himachal Pradesh - **Through VC**
17. M/s ACC Ltd, Gagal Cements works,
Barmana Bilaspur, H.P. 174013. - **Through VC**
18. M/s Asian Concretes and Cements Pvt. Ltd.
Village Beer Plassi, Tehsil Nalagarh, Distt. Solan,
Himachal Pradesh-174101. - **Through VC**

C) Others Stakeholders:

19. M/s Malana Power Company Ltd.
MPCL Corporate Office, Bhilwara Towers
A-12, Sector-1, Noida-201301 - **Through VC**
20. M/s IA Hydro Energy Pvt. Ltd.
D-17, Lane-1, Sector-1,
New Shimla-171009 - **Through VC**
21. M/s Jai Maa Chintpurni Solar Power Plant
Saini Complex, Near Reliance, Degital Mall,

Nangal Road, H.P. 174303- **Through VC/In-Person**

22. M/s Jai Bharat Rolling Mills Ltd.

Village Johron Trilokpur Road Kala-Amb,
Tehsil Nahan, District Sirmour,
H.P. 173030- **Through VC/In-Person**

23. M/s Dera Hydro Power Private Limited,

Kh No. 18/1 & 18/2, Jainantu Niwas,
First Floor, Below Shree Mahun Nag Brothers,
Bye Pass Road, BCS New Shimla,
Himachal Pradesh-171009

24. Potential Energy Venture,

(Developer of Sundrali + Thanetar 5 MW SHEP)
315/16, Sahil Plaza, Dalhousie Road,
Pathankot, Punjab

25. M/s Sai Eternal Foundation,

Sai Bhawan, Sector-4, New Shimla-09

26. M/s Kundan Energy LLP,

(Developer of Choned 24.81 MW HEP)
35/3, H-block, Middle circle Cannaught Place,
New Delhi-110001

Minutes of 2nd Consultation Meeting for Evolving Transmission Schemes in Himachal Pradesh held on 11.06.2026

Minutes of the 2nd STU Consultation Meeting for Evolving Intra-State Transmission System in HP (STU-CMETS-HP) held on 11.06.2026.

At the outset, Chair welcomed all the participants and thereafter the agenda items were taken up for discussion as under:

Agenda Item No. 1: Confirmation of Minutes of the 1st STU-CMETS-HP Meeting held on 04.05.2026.

It was informed that the minutes of the 1st STU-CMETS-HP meeting was circulated vide letter No. HPPTCL/Planning & STU/II/868131/2026 dated 07.05.2026. Regarding the minutes, HPPTCL suggested to incorporate the change in minutes as below:

HPPTCL Proposed Correction: *HPPTCL has noted a typographic error in the following passage appearing in the minutes of Agenda Item No. 4 of the 1st meeting:*

".....Further, HPPTCL clarified that construction of the revised transmission system by HPPTCL i.e. Construction of a 132kV D/C line from LILO point near Nakror (Interconnection of Chanju-I at 132kV Kurthala-Bathari line of HPSEBL) to 132/220 kV Mazra substation of HPPTCL i.e. including the already under tendering 132kV Nakrod-Mazra package under GEC-II....."

The description of the revised transmission system should correctly read as: i.e. Construction of 132kV D/C Line from Switchyard of Chanju-III to LILO point near Nakror to Mazra Substation i.e. including the already under tendering 132kV Nakrod-Mazra package under GEC-II....."

No other comments were received from any stakeholders on the minutes. Accordingly, minutes of 1st STU-CMETS-HP meeting were confirmed with above corrections.

Agenda Item No. 2: Consultation on Connectivity Applications received during the month of May 2026.

The discussions held with respect to the connectivity applications / enquiry / feasibility letters received during the month of May 2026, are as under:

(A) Connectivity Application from M/s Jai Bharat Solar (Solar Power Project):

It was informed that M/s Jai Bharat Steel has applied for connectivity for 200 MW. However, the applicant has submitted provisional registration from the Directorate of Energy (DoE), GoHP for only 56 MW of the proposed Solar Power Project, while registration for the balance capacity of 144 MW has not been furnished. Accordingly, the connectivity application is incomplete.

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It was further conveyed that DoE, GoHP registration for the remaining 144 MW is a mandatory prerequisite for processing the connectivity application of 200 MW. Therefore, M/s Jai Bharat Steel was requested to submit the requisite registration for the balance capacity to enable further processing of the application.

However, the transmission infrastructure for evacuation of power from Solar Power Projects in Una/Amb/Gagret area was discussed under Agenda Item No. 9.

(B) Enquiry / Pre-feasibility Confirmation:

a. Choned HEP (M/s Kundan Hydro LLP)

It was informed that the matter regarding Power Evacuation of Choned HEP (24.81 MW) was discussed as agenda item no. 8 of 52nd STU meeting held on dated 10.12.2024 wherein, it was decided that “*M/s Kundan Hydro LLP shall construct the 132kV S/C line from their power house to 33/132kV Kurthala substation of HPSEBL along with 132kV bay at 33/132kV Kurthala substation at their own cost and the power of Hail HEP and Devi Kothi HEP shall be injected into this line as and when these projects comes up with generation. The feasibility confirmation shall be issued accordingly.*” However, feasibility confirmation from HPSEBL is still awaited.

Accordingly, the Chair enquired about the status of the feasibility confirmation.

In response, the HPSEBL informed that the feasibility in respect of Choned HEP (24.81 MW) shall be conveyed within two weeks i.e., by 25.06.2026.

b. M/s Maa Chintpurni Solar Power Plant (21 solar projects of 5 MW each in Una area)

It was informed that a pre-feasibility enquiry has been received from M/s Maa Chintpurni Solar Power Plant for development of 105 MW solar capacity in the Una area, comprising 21 solar power projects of 5 MW each.

In this regard, it was informed that M/s Maa Chintpurni Solar Power Plant shall be required to apply for connectivity in accordance with the HPERC-approved Procedure for Grant of Connectivity, Medium-Term Open Access and Long-Term Open Access in the Intra-State Transmission System, available on the HPPTCL website.

However, the transmission infrastructure for evacuation of power from Solar Power Projects in Una/Amb/Gagret area was discussed under Agenda Item No. 9.

c. Chaksi-II SHEP (3 MW)

It was informed that the matter regarding Power Evacuation of Chakshi-II HEP (3 MW) was discussed as agenda item no. 7 of 52nd STU meeting held on dated 10.12.2024 wherein, HPSEBL authorities intimated that the feasibility for

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power evacuation in respect of Chakshi-II SHEP (3 MW) through LILO of 33kV Barsaini-Malana line shall be confirmed by HPSEBL as agreed in the meeting dated 03.07.2023. However, feasibility confirmation from HPSEBL is still awaited.

Accordingly, the Chair enquired about the status of the feasibility confirmation.

In response, the HPSEBL informed that the feasibility confirmation in respect of Chakshi-II SHEP (3 MW) through LILO of 33kV Barsaini-Malana line shall be conveyed by HPSEBL subject to the shifting of Toss SHEP (10 MW) and Jirah SHEP (4 MW) from their interim arrangement i.e. 33/11kV Barsaini substation of HPSEBL to final arrangement i.e. 33/132kV Barsaini substation of HPPTCL.

d. Barthi SHEP (1 MW)

It was informed that the matter regarding Power Evacuation of Barthi SHEP (1 MW) was discussed as agenda item no. 6 of 52nd STU meeting held on dated 10.12.2024 wherein, HPSEBL authorities intimated that the feasibility for power evacuation in respect of Barthi SHEP (1 MW) through LILO of 33kV Barsaini-Malana line shall be confirmed by HPSEBL as agreed in the meeting dated 03.07.2023. However, feasibility confirmation from HPSEBL is still awaited.

Accordingly, the Chair enquired about the status of the feasibility confirmation.

In response, the HPSEBL informed that the feasibility confirmation in respect of Barthi SHEP (1 MW) through LILO of 33kV Barsaini-Malana line shall be conveyed by HPSEBL subject to the shifting of Toss SHEP (10 MW) and Jirah SHEP (4 MW) from their interim arrangement i.e. 33/11kV Barsaini substation of HPSEBL to final arrangement i.e. 33/132kV Barsaini substation of HPPTCL.

Apart from above, with respect to agenda point c & d, M/s MPCL enquired about the scheduled date of commissioning of Chakshi-II SHEP (3 MW) & Barthi SHEP (1 MW). It was informed that the matter shall be taken up with the project developers and the requisite information shall be placed in next meeting accordingly.

Agenda Item No. 3: Consultation on Open Access Applications received during the month of May 2026.

It was informed that no applications for Medium-Term Open Access (MTOA) or Long-Term Open Access (LTOA) were received by HPPTCL/STU during the month of May 2026.

The stakeholders noted the same for information and record.

Agenda Item No. 4: Consultation on NOC Requests received for Short Term Open Access (STOA) during the month of May 2026.

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The details of the Short-Term Open Access (STOA) NOC requests received and processed by HPPTCL/STU during the month of May 2026 were placed before the stakeholders for information as under:

Sr.	Applicant	Project Name	STOA Quantum
1.	M/s Yogindra Power Ltd.	Baner Sangam HEP	4.4 MW
2.	M/s Snowdew Hydroelectric Power Project Pvt. Ltd.	Kiunr HEP	5 MW + 10% overloads
3.	M/s Birla Textile Mills, Unit-II	—	10 MW
4.	M/s H.M. Steels Limited	—	13.32 MW
5.	M/s Kundlas Loh Udyog	—	18 MW
6.	M/s Malana Power Company Ltd.	Malana-I HEP	74.77 MW
7.	M/s Ultratech Cement Limited, Baga Unit	—	26 MW
8.	M/s Asian Concretes & Cements Pvt. Ltd.	—	6 MW
9.	M/s Ambuja Cements Limited, Unit Nalagarh	—	upto 8.0 MW
10.	M/s Ambuja Cements Limited, Unit Rauri	—	upto 18 MW
11.	M/s Ambuja Cements Limited, Unit Suli	—	upto 23 MW
12.	M/s ACC Limited, Gagal Cement Works	—	upto 32 MW
13.	M/s Himachal Pradesh Power Corporation Ltd.	Swara Kuddu HEP	10% overload — 11.1 MW of 111 MW
14.	M/s Kanchanjunga Power Company Pvt. Ltd. (on behalf of M/s L'Oreal India)	Baragaon SHEP	0.58 MW
15.	M/s Indian Steel Continental (P) Ltd.	—	8.95 MW
16.	M/s Amba Shakti Ispat Limited	—	10 MW
17.	M/s Birla Textile Mills, Unit-I	—	10 MW

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Sr.	Applicant	Project Name	STOA Quantum
	TOTAL		<u>279.62 MW</u>

The stakeholders noted the same for information and record.

Agenda Item No. 5: Coordination and Consultation regarding System Strengthening and System Development activities under Operationalization of Long-Term Access (LTA) Agreements.

It was apprised to all stakeholders that the following Long-Term Access (LTA) agreements are yet to be operationalised and the status of the associated Intra-State Transmission System (laSTS) was discussed.

1. Kashang Stage-II & III HEP (113.10 MW):

In view of the absence of officials from HPPCL, the agenda item was deferred to the next meeting.

However, a representation received from HPPCL seeking revision of the LTA operationalization date is under examination and prima facie, the LTA is effective from 30.06.2026; however, the decision in this regard shall be conveyed to HPPCL in due course after examination in light of the applicable regulations.

2. Dhaulasidh HEP (66 MW):

It was apprised that, as per the LTA Agreement, HPPTCL is required to establish the 220 kV Sujanpur Switching Station through LILO of the 220 kV Dehan–Hamirpur Transmission Line. While the 220 kV Dehan–Hamirpur Transmission Line has already been commissioned, the Sujanpur Switching Station is yet to be commissioned. Consequently, the associated Intra-State Transmission System (laSTS) remains incomplete and is likely to require additional time for completion.

The Chair sought an update on the land acquisition status for the 220kV Sujanpur Switching Station. In response, the Senior Manager (Projects), Chambi, HPPTCL informed that the Cabinet has accorded approval for acquisition of the required Government land. He further informed that acquisition proceedings for approximately 30% of the required private land are presently under progress and that the process for acquisition of an additional 50% of the private land is proposed to be initiated during the following week.

The Chair also sought an update regarding the construction of the dedicated transmission line of DSHEP (66 MW) and the interconnection arrangement with the 220 kV Dehan–Hamirpur Transmission Line. In response, SJVN informed that the matter has been taken up with the contractor i.e. M/s KEC and the finalized proposal shall be intimated to HPPTCL.

Further, the Chair conveyed that the matter shall be discussed separately in the forthcoming JCC meeting.

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Agenda Item No. 6: Consultation on the Proposed Revision in the Evacuation Plan for Chanju / Tissa Valley.

It was informed that the matter had been discussed under Agenda Item No. 4 of the 1st STU-CMETS-HP Meeting held on 04.05.2026. The agenda was accordingly taken up to review the status of the following:

- a) LTA applications of Chanju-I HEP (M/s IA Hydro Energy Pvt. Ltd.) and Chanju-III HEP (HPPCL);
- b) NOC from HPSEBL for shifting of connectivity of Chanju-I and Chanju-II HEPs;
- c) HPSEBL's contracted drawal/injection capacity requirement at Mazra Substation; and
- d) Status of the 132 kV Nakrod–Mazra transmission package under the GEC-II Scheme.

It was apprised that currently the interconnection point in respect of Chanju-I and Chanju-II HEPs is at 132kV Kurthala-Bathri line of HPSEBL.

A Tripartite LTA Agreement has been executed amongst HPPTCL, HPSEBL and M/s Cosmos Hydro Power Pvt. Ltd., the developer of Chanju-II HEP (19.80 MW). Further, M/s IA Hydro Energy Pvt. Ltd., the developer of Chanju-I HEP (36 MW), has conveyed its willingness to apply for LTA, subject to issuance of a NOC by HPSEBL for shifting of connectivity from the HPSEBL system to the Intra-State Transmission System (IaSTS).

With respect to Chanju-III HEP (48 MW), it was informed that HPPCL is in the process of finalizing the Power Purchase Agreement (PPA) with HPSEBL. Thereafter, HPSEBL shall be required to execute a Supplementary Transmission Service Agreement (TSA) with HPPTCL. The associated IaSTS shall be developed after the beneficiaries are tied up.

Subsequently, the Chair sought an update from HPSEBL regarding issuance of the NOC for shifting of connectivity of Chanju-I HEP (36 MW) and Chanju-II HEP (19.80 MW). In response, HPSEBL informed that the matter is under consideration and a decision in this regard shall be conveyed within two weeks.

Whereas, regarding point c) HPSEBL's contracted drawal/injection capacity requirement at Mazra Substation, HPSEBL informed that the requisite information shall be furnished after obtaining inputs from the concerned wings.

Agenda Item No. 7: Consultation on Requirement of Evacuation System and System Strengthening for Upper Ravi / Holi areas — Upstream EHV Infrastructure for 33kV System in Bharmour / Holi region.

It was informed to all stakeholders that the 33kV system in the Bharmour / Holi region is presently dependent on a single 1×220/33kV, 63 MVA transformer at Lahal Substation, creating a critical single-point dependency. The requirement of an evacuation system for generating projects and the need for upstream EHV system strengthening in this region shall be discussed and a consultative framework evolved.

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HPPTCL has commissioned the 220/66kV Heiling Substation in the Holi area. Based on preliminary studies and field visits, there is a possibility of providing 66/33kV transformation in the vicinity of Heiling Substation through a 66kV connection to the Heiling Substation. This would provide an alternate EHV source to the 33kV network in the region, which is crucial for evacuation of power from small hydro projects and would also provide the much-needed redundancy for reliable power supply to the Holi / Bharmour region.

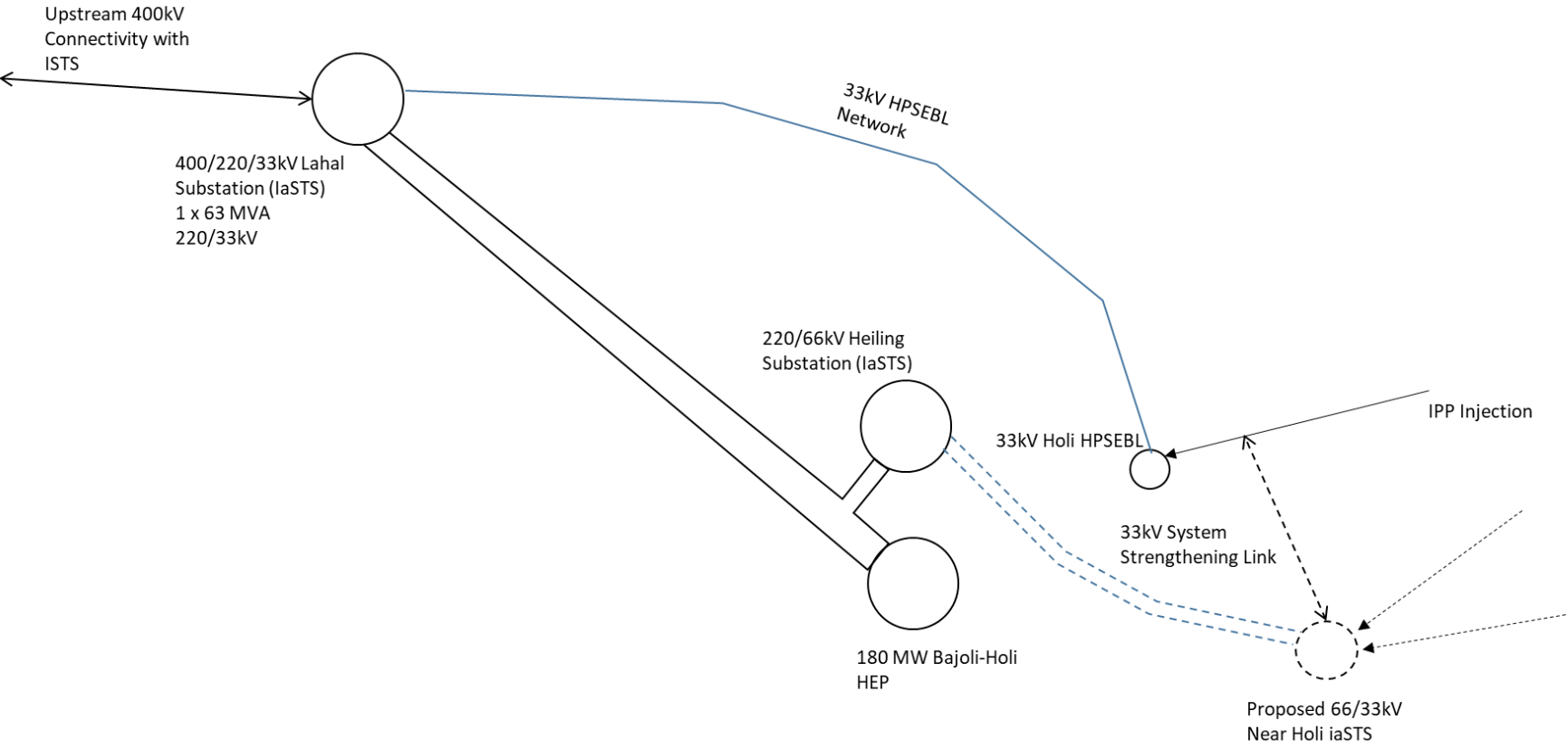


Figure: Proposed 66/33kV IaSTS SS near Holi

The following SHEPs in the Holi area, regarding whose evacuation arrangement the matter is under deliberation, are relevant:

Sr.	SHEP Name	Capacity	Remarks
1.	Dera SHEP	5 MW	Evacuation arrangement to be finalized

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Sr.	SHEP Name	Capacity	Remarks
2.	Urna SHEP	5 MW	Evacuation arrangement to be finalized
3.	Sundrali + Thanetar SHEP	5 MW	Evacuation arrangement to be finalized
4.	Sundrali HEP	11 MW	Evacuation arrangement to be finalized
5.	Gharoh SHEP	3.5 MW	Evacuation arrangement to be finalized
6.	Holi HEP	7 MW	Evacuation arrangement to be finalized
7.	Lower Holi SHEP	2 MW	Evacuation arrangement to be finalized
8.	Holi Top SHEP	5 MW	Evacuation arrangement to be finalized
9.	Kurhed-II SHEP	5 MW	Evacuation arrangement to be finalized
10.	Kunkali SHEP	5 MW	Evacuation arrangement to be finalized

The matter was earlier discussed in the 51st STU Coordination Committee meeting (16.08.2024), wherein it was conveyed that the request for construction of a 66/33kV Substation near the M/s GMR Bajoli Holi Switchyard and its interconnection with the 220/66kV Heiling Substation can only be considered upon receipt of the system strengthening requirement from HPSEBL.

HPSEBL informed that at present they do not have any constraints in the power supply infrastructure in the Holi region; however, they shall convey their final comments on the matter within two weeks. HPSEBL further informed that it has not received any request from any Independent Power Producer (IPP) in this regard.

Thereafter, the developers of the potential hydro power projects informed that no transmission infrastructure development has taken place in the upstream area of Holi for evacuation of power from the proposed projects. They emphasized that establishment of a 66/33 kV Substation in the upstream area of Holi is essential to facilitate evacuation of power from the Hydro Electric Projects (HEPs) proposed in that region.

Further, the developer of Dera Hydro Project informed that the IPPs located downstream of Holi are presently evacuating power through the Holi Substation of HPSEBL.

In response, HPPTCL informed that, as per the prevailing regulatory provisions, it can undertake construction of a substation only when at least 50% of the Long-Term Access (LTA) beneficiaries are tied up with HPPTCL. It was further informed that approximately 25 MW of LTA beneficiaries would be required for taking up the proposal for construction of a 66/33 kV Substation in the Holi area. Accordingly, all the concerned IPPs were requested to submit their proposals to HPPTCL.

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Further, the Chair requested the Directorate of Energy to furnish the details of the IPPs in the area that have been accorded Techno-Economic Clearance (TEC) for their respective projects.

Agenda Item No. 8: Consultation on Requirement of Evacuation System for SHEPs Upstream of Kurthala region — 132kV SHEP Pooling at Kurthala / Upstream of Kurthala towards Nakror / Darkunda.

The requirement of a pooling substation at/upstream of Kurthala for small hydro projects located upstream of / in the vicinity of Kurthala region, was discussed and deliberated with stakeholders to evolve an efficient and viable evacuation framework.

STU informed that they have kept provision of a 132 kV pooling substation with its upstream connectivity with Chanju-Mazra 132kV Link through a switching station at Nakror/Darkunda.

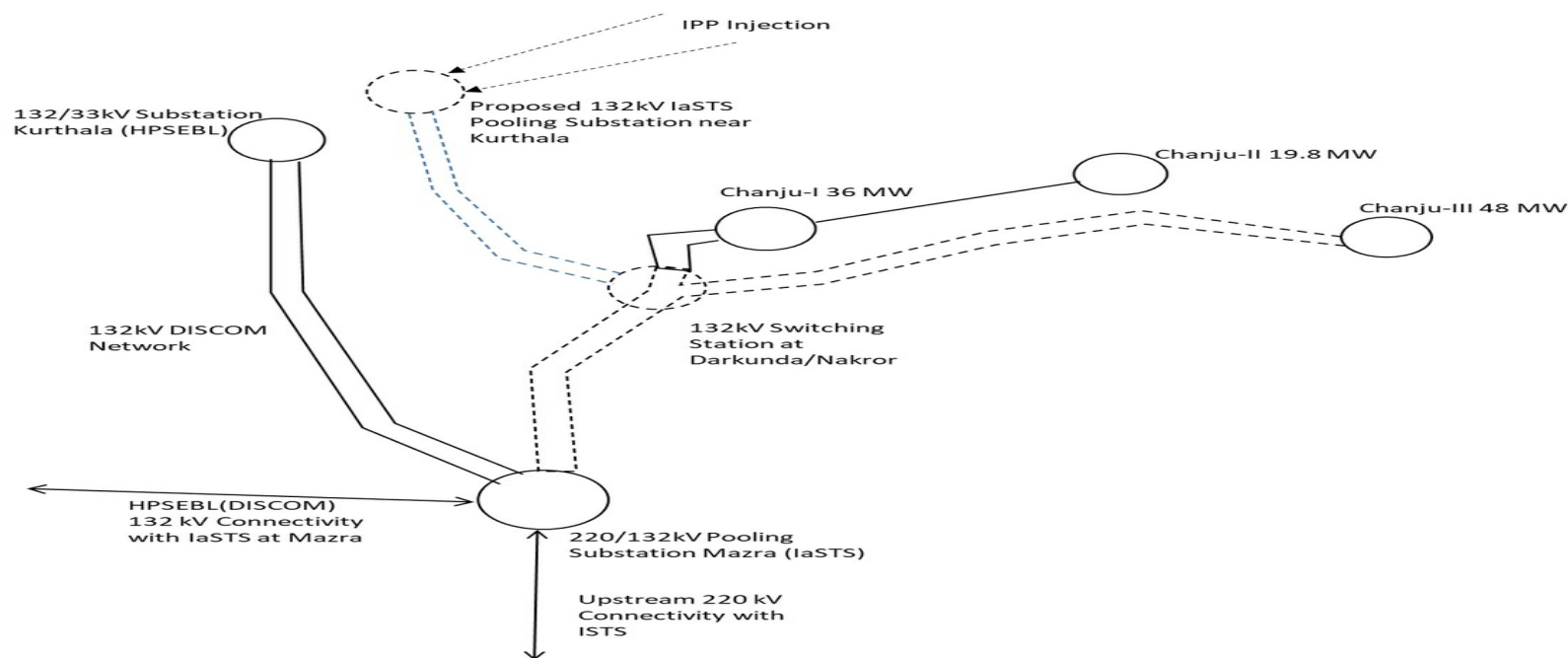


Figure: Proposed 132kV Evacuation System for Kurthala HEPS

It was informed to all the stakeholders that as per the prevailing regulatory provisions, STU can undertake investment in the transmission system only when at least 50% of the Long-Term Access (LTA) beneficiaries are firmly tied up. It was further informed that approximately 45 MW of LTA beneficiaries would be required for taking up the proposal for construction of a 132 kV evacuation system in the Kurthala area. Accordingly, all the concerned IPPs were requested to submit their proposals to HPPTCL.

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Agenda Item No. 9: Consultation on Requirement of 220/132/66kV Solar Pooling Station at Una / Gagret / Amb area.

It was informed to stakeholders that in view of the rapidly growing pipeline of solar generation projects in the Una / Gagret / Amb area (with connection agreements for approximately 223 MW already signed and additional applications/feasibilities of ~300 MW received), there is an apparent requirement of a dedicated 220/132/66kV Solar Pooling Station at an optimal location /configuration. Further, it was discussed that the existing transmission system in Una is not adequate to cater to both the solar generation evacuation and load requirements simultaneously.

It was apprised to the stakeholders that HPPTCL has received a connectivity application from M/s Jai Bharat Steel for the evacuation of power from a proposed 200 MW Solar Power Project. The Chair sought confirmation from HPSEBL regarding the feasibility of power evacuation through the existing Nehrian Substation.

In response, HPSEBL informed that it has already released a significant amount of connectivity downstream of Nehrian Substation and, as such, there does not seem to be adequate capacity to accommodate the evacuation of an additional 200 MW of power from the proposed project of M/s Jai Bharat Steel. HPSEBL, however, stated that the matter would be examined in detail and a final feasibility report would be conveyed separately.

Further, it was informed that M/s Maa Chintpurni Solar Power Plant, vide letter dated 25.04.2026, had requested confirmation of feasibility for the evacuation of power from 21 Solar Power Projects of 5 MW each proposed in the vicinity of the Nehrian region. The developer informed that land for the establishment of these solar power projects has already been acquired in the Una region.

After detailed deliberations, HPPTCL informed that they have planned for the 220kV pooling substation at an optimal strategic location near Una/Gagret/Amb which HPPTCL can take up for construction; however, as per the prevailing regulatory provisions, construction of a new 220/132/66 kV Substation can only be undertaken after firm Long-Term Access (LTA) beneficiaries are tied up. Accordingly, all stakeholders were requested to apply for Connectivity and Long-Term Access (LTA) in accordance with the HPERC (Grant of Connectivity, Long-Term Access and Medium-Term Open Access in Intra-State Transmission and Related Matters) Regulations, 2010, available on the HPPTCL website.

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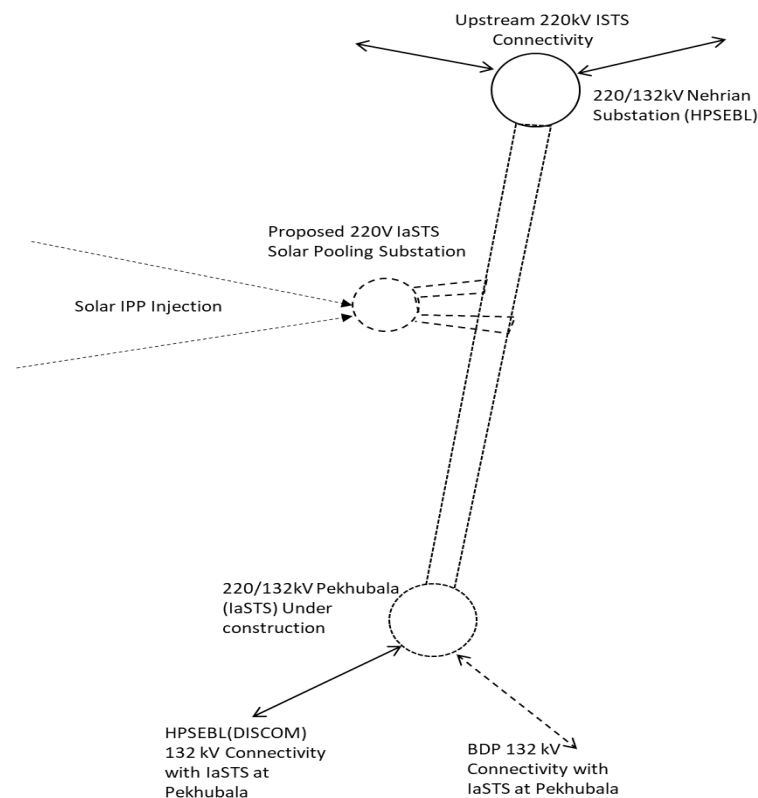


Figure: Proposed 220 kV Solar Pooling Substation in Una District

HPPTCL further informed that only upon finalization of the beneficiaries and completion of the requisite approvals, the proposal for the new substation can be finalized. It was also informed that the construction and commissioning of a new substation would require at least two years from the date of finalization of the firm beneficiaries.

Agenda Item No. 10: Consultation on Requirement of Additional / Upgradation of Transformation Capacity at 220/132kV Under-Construction Una Substation.

It was informed to the stakeholders that, considering the substantial solar generation capacity being planned in Una district and the associated load growth, the requirement for additional and/or upgraded transformation capacity at the 220/132 kV Una Substation (under construction) needs to be examined and deliberated upon.

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It was discussed that, as HPSEBL has already released a significant amount of solar generation connectivity there seems to be an apparent requirement of enhancement of upstream 220/132kV Transformation at under construction Pekhubala (Una) substation. Further it was informed by STU that the IaSTS being constructed by HPPTCL in Una district was planned in consultation with HPSEBL keeping only the load growth in mind; solar injection in such huge quantum was never envisaged, and it seems that reverse power flow at Pekhubala Substation can be expected in high solar low load scenarios, in such case 220kV ISTS links at Nehrian being the only evacuation path, the power can be expected to inject into the ISTS grid for which approval/consultation with CTU/NRPC may be required.

HPSEBL was therefore requested to intimate firm additional load and injection requirement for Una district EHV system, so that STU can accordingly plan for any enhancement/augmentation system and take up with CTU/NRPC for the requirements. In response, HPSEBL informed that they shall communicate the firmed-up figures in the next meeting of the STU-CMETS.

Agenda Item No. 11: Intimation of Interim and Long-Term System Strengthening Plan for Kullu Region — Decisions of the Special STU Meeting held under Chairmanship of Secretary (Power), GoHP.

The agenda item was deferred, and it was decided that the matter shall be taken up for detailed discussion in the next meeting of the STU Consultation Meeting for Evolving Transmission System (STU-CMETS).

Agenda Item No. 12: Consultation on Requirement of Strengthening of Upstream EHV Infrastructure of 66kV Grid in Upper Satluj and Under-Construction Spiti EHV System.

It was informed to stakeholders that the 66kV grid in the Upper Satluj region and the under-construction Spiti EHV system are presently dependent on a single 1×220/66kV, 31.5 MVA transformer at Bhoktoo Substation of HPPTCL, creating a critical single-point dependency. The requirement of upstream EHV infrastructure strengthening to ensure reliable and redundant power supply and generation evacuation from this region shall be deliberated.

HPSEBL is constructing a 66kV Transmission Line from 66kV Pooh Substation to Kaza with a 66kV Sumdo Substation in between. The 66kV Pooh Substation is radially connected from 66kV Akpa Substation, which is in turn radially connected upstream from the 220/66kV IntraState Substation at Bhoktoo of HPPTCL. With only 1×220/66kV, 31.5 MVA transformer at Bhoktoo, the entire 66kV network extending up to Kaza shall be dependent on a single transformer without any redundancy. Further, the capacity of the transformer at Bhoktoo appears inadequate considering the capacities of the substations planned downstream of Bhoktoo. There is thus an apparent requirement of additional transformation at 220/66kV level.

HPPTCL has carried out preliminary assessments and found that there is no availability of additional land at Bhoktoo Substation for additional transformation. Moreover, Bhoktoo Substation has faced issues regarding stability / settlement of nearby land, and the

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outgoing 66kV feeder from Bhoktoo to Akpa is also a single circuit. Therefore, a new substation with 220/66kV transformation is required for the necessary system strengthening.

HPPTCL has explored the possibility of constructing a new 220/66kV Substation in the vicinity of Tidong HEP, where the 220kV IntraState Grid is available (Tidong HEP is connected via LILO of the 220kV Kashang–Wangtoo circuit through their dedicated project line at Tidong). The proposed substation location shall also be in proximity to the 400/220kV Jangi Pooling Station (ISTS), providing flexibility for any future system strengthening / drawl requirement.

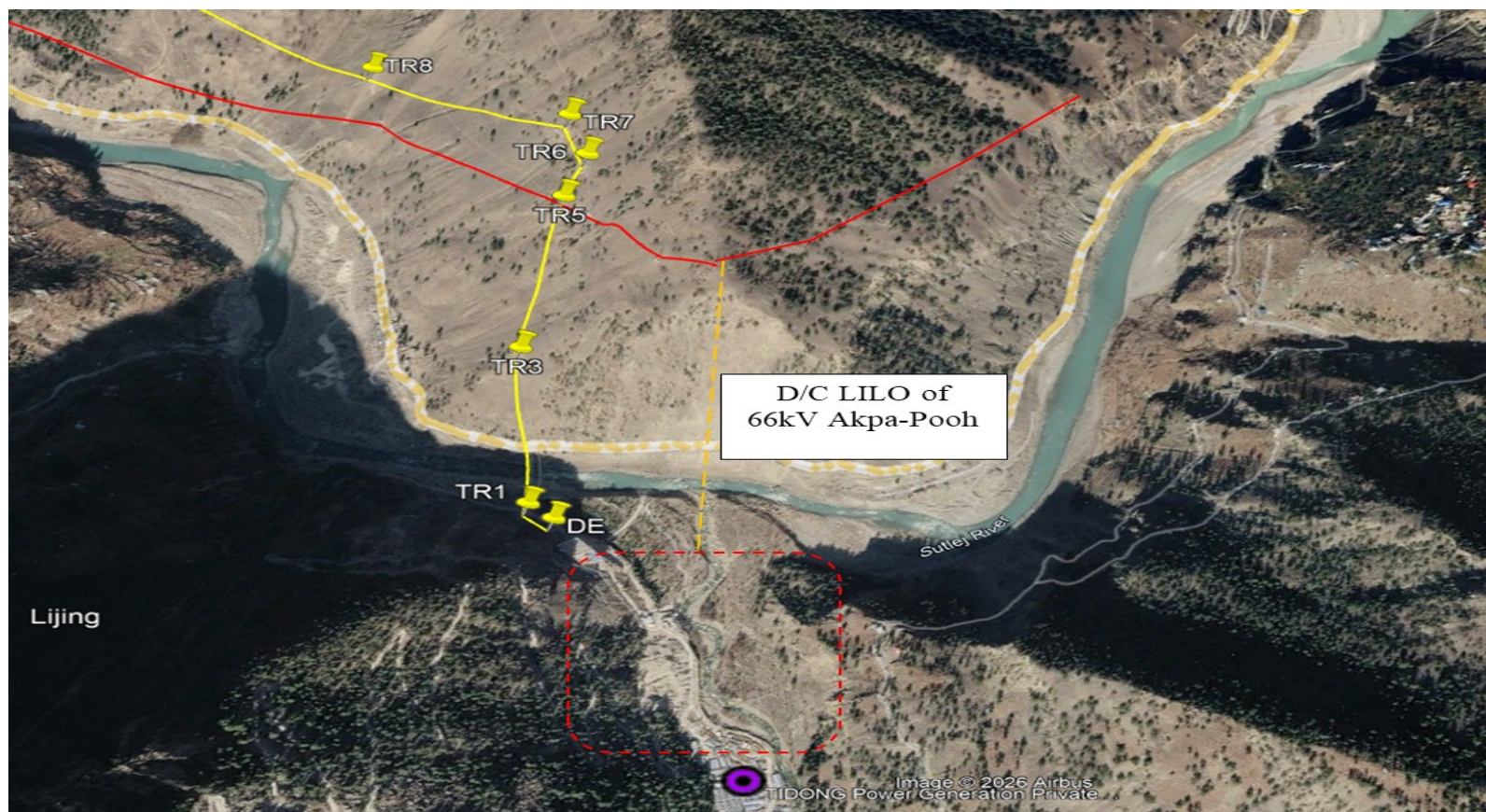


Figure: Proposed 220/66kV Substation near Tidong — Upstream EHV Strengthening for Upper Satluj / Spiti region

The Senior Manager, Bhaba informed that system strengthening is required in the Upper Satluj region, as the under-construction Spiti EHV system is presently dependent on a single 1×220/66 kV, 31.5 MVA transformer at HPPTCL's Bhoktoo Substation.

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The Chair sought the views of HPSEBL on the proposal. In response, HPSEBL informed that the proposal appears to be technically justified; however, its final views shall be communicated after techno-commercial analysis in the next meeting of the STU-CMETS.

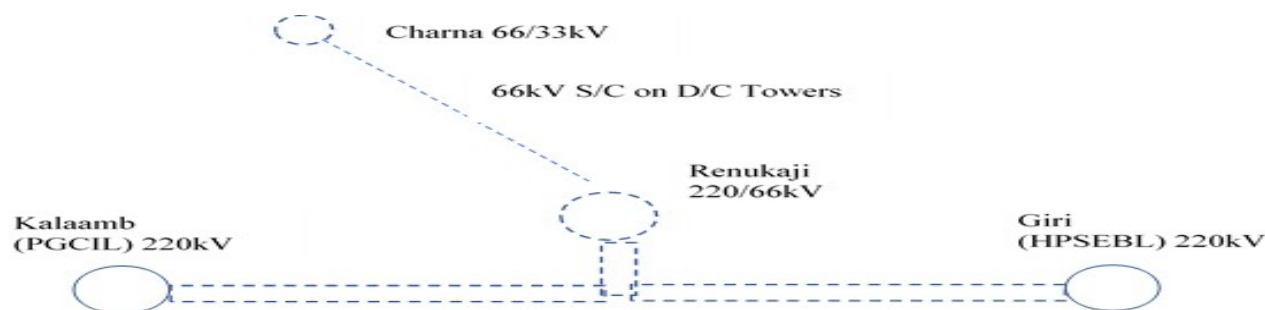
Agenda Item No. 13: Consultation on Evacuation Plan for Renukaji HEP being Constructed by HPPCL and Revised Proposal for Providing EHV System to Charna Region.

It was informed to all stakeholders that HPPTCL has planned for the evacuation system for the Renukaji HEP (being constructed by HP Power Corporation Limited — HPPCL); however, since no representative of HPPCL was present in the meeting, the agenda was deferred to the next meeting of the STU-CMETS.

HPPTCL, however, for the information of the other stakeholders and HPSEBL, informed that the proposed plan envisages creation of a 220/66kV Interlinking Substation at Renukaji, with connectivity to Renukaji HEP at 66kV level. The 220kV Kalamb–Giri Transmission Line shall be LILOed at the proposed 220/66kV substation.

Further, the requirement for providing an EHV source to the remote region of Charna in Rajgarh area is also proposed to be linked with this scheme. The earlier approved scheme (under the World Bank-funded scheme) had proposed a 132kV supply through LILO of the 132kV Gaura-Giri Transmission Line; however, that scheme had to be dropped because the relatively long 132kV LILO transmission line required forest clearance and could not be executed within the strict World Bank timelines. Additionally, the cost of the 132kV system — including the long LILO line — was relatively high for the proposed 2×20 MVA substation capacity at Charna (132kV systems are generally designed for projected loads of 50–100 MW).

HPPTCL has accordingly reviewed the scheme and now proposes to supply Charna region from the proposed 220/66kV Renukaji Substation via a 66kV S/C (on D/C towers) line from Renukaji to Charna, with a 66/33kV, 2×10 MVA Substation at Charna. This revised approach shall significantly reduce the system cost.



The Chair sought the comments of HPSEBL on the revised proposal/scheme. In response, HPSEBL informed that its comments on the revised scheme would be conveyed separately after due examination.

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Agenda Item No. 14: Consultation on System Strengthening Plan for Sansarpur Terrace area in Una District.

The requirement of transmission system strengthening to cater to the load growth and upcoming generation in the Sansarpur Terrace area of Una District was deliberated and the proposed system strengthening plan was presented to stakeholders. It was informed that representatives from BBMB are also attending this meeting as a special invitee for this agenda item.

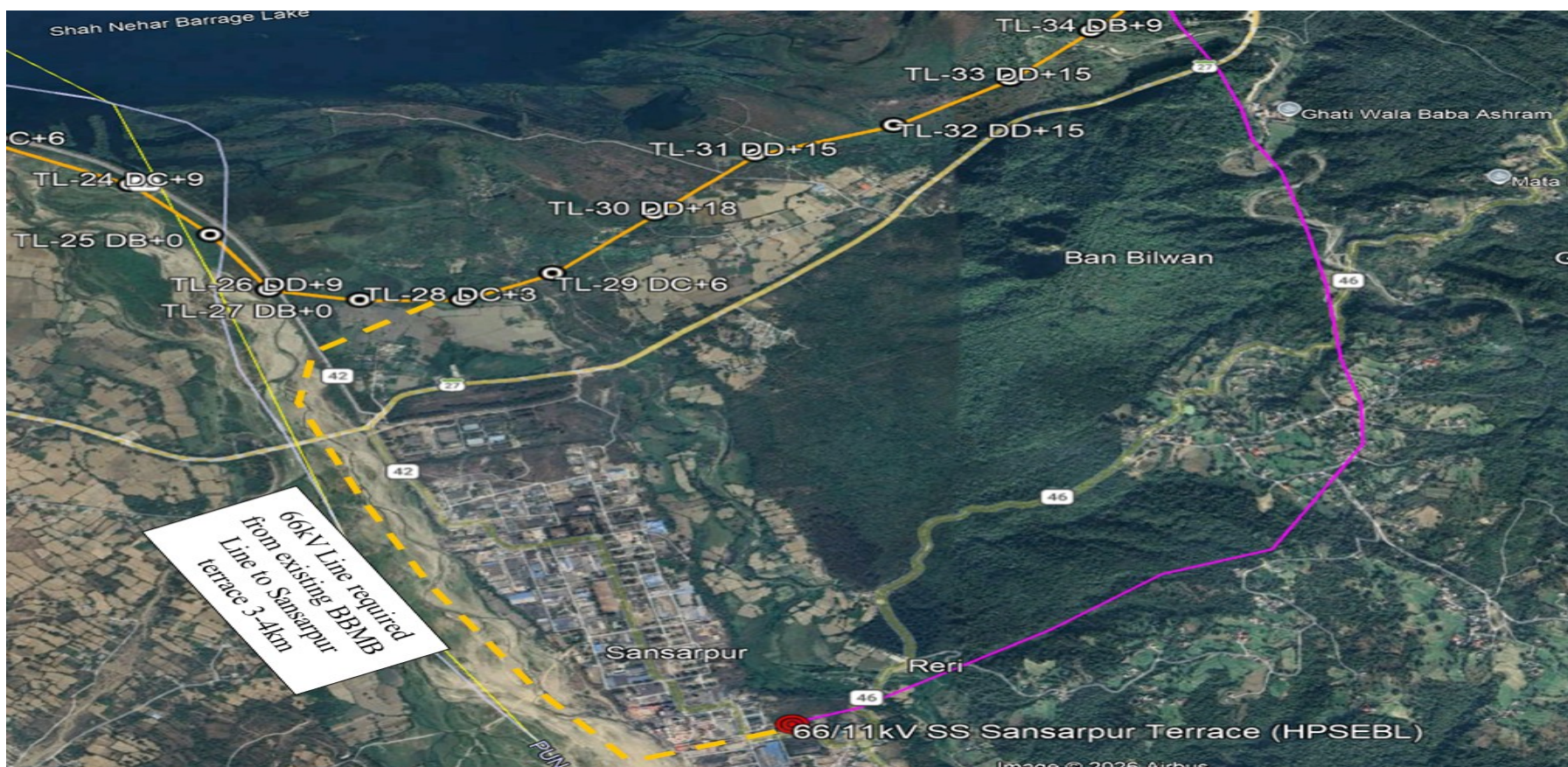


Figure: Alternate proposal to reconductoring of 66kV Sansarpur Terrace–Pong Line

It was informed that HPPTCL is in the process of finalizing the scheme for reconductoring of the 66kV Sansarpur Terrace–Pong Line on the request of HPSEBL, for additional drawl from BBMB Pong. In this context, representatives of BBMB informed that they have constructed a 66kV line from Pong to Talwara for a proposed solar project that did not ultimately materialize, and this line

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along with its 66kV bay at Pong is now idle. BBMB requested HPPTCL to explore the possibility of takeover of this line for utilization in the HP network.

HPPTCL informed that on the basis of information provided by BBMB, HPPTCL had analysed the alignment through the KML file provided by BBMB and found that approximately 3–4 km of additional 66kV line would be required to link the existing 66kV Sansarpur Terrace Substation of HPSEBL through this system. The usable portion of the BBMB line in that case would be approximately 4–5 km. This proposal would create a ring system, which would be more robust and reliable than a single-circuit HTLS line for additional drawl of power from Pong.

The matter was further deliberated and it was discussed that both proposals i.e. reconductoring of existing 66kV Pong-Sansarpur Terrace and a new 66kV corridor utilizing a portion of the existing idle 66kV Pong-Talwara line shall be evaluated by HPPTCL and HPSEBL internally and then the decision regarding the same shall be communicated to BBMB. It was further informed that any decision regarding the takeover of BBMB 66kV line if decided by competent authority shall of course be subject to firm availability of power from BBMB Pong and cost as decided by Hon'ble HPERC.

It was decided that a meeting shall be conducted separately between HPPTCL and HPSEBL for deliberation and decision on the matter.

Agenda Item No. 15: Consultation on Proposed Addition / Reorganization of 33kV Bays at Palchan Substation.

It was informed that four (04) nos. 33 kV GIS feeder bays have been constructed at the 33 kV Switching Station, Palchan. Presently, two bays are utilized for the Palchan–Prini line, one bay for Beas Kund HEP (9 MW), and one bay has been reserved for interconnection with the 33 kV HPSEBL Substation, Palchan, as decided in the 50th STU Meeting held on 05.09.2022. However, the said bay is yet to be utilized as HPSEBL has not completed the interconnection.

It was further apprised that connectivity to Bhang HEP (4.8 MW) in joint mode with Palchan Bhang HEP (9 MW) has been granted at the 33 kV Switching Station, Palchan, subject to construction and commissioning of an additional 33 kV feeder bay on a deposit work basis.

Whereas, M/s Sai Eternal Foundation intimated that the project is nearing commissioning and requested HPSEBL for utilization of the bay reserved for HPSEBL, considering that the project has an executed PPA with HPSEBL.

In response, HPSEBL informed that comments from its field units would be obtained and conveyed to the developer, with a copy to HPPTCL within two weeks.

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Thereafter, HPPTCL highlighted the requirement for additional 33 kV bays at Palchan in view of increasing generation and load connectivity requirements. Considering the high cost of GIS bays and system requirements, HPPTCL proposed reorganization of the 33 kV terminal arrangement by constructing four (04) new 33 kV AIS bays. Under the proposal, the existing GIS bays would serve as high-capacity incoming bays, while the new AIS bays would be allocated as follows:

- a) Beas Kund HEP (9 MW) — to be shifted from GIS to AIS; (cost already deposited)
- b) Bhang HEP (4.8 MW) — in joint mode (estimated amount deposited however, actual cost to be borne);
- c) 2 No. additional bays to HPSEBL as per their request. (to be built under additional capitalization as per prevalent regulatory practice for DISCOM bays)

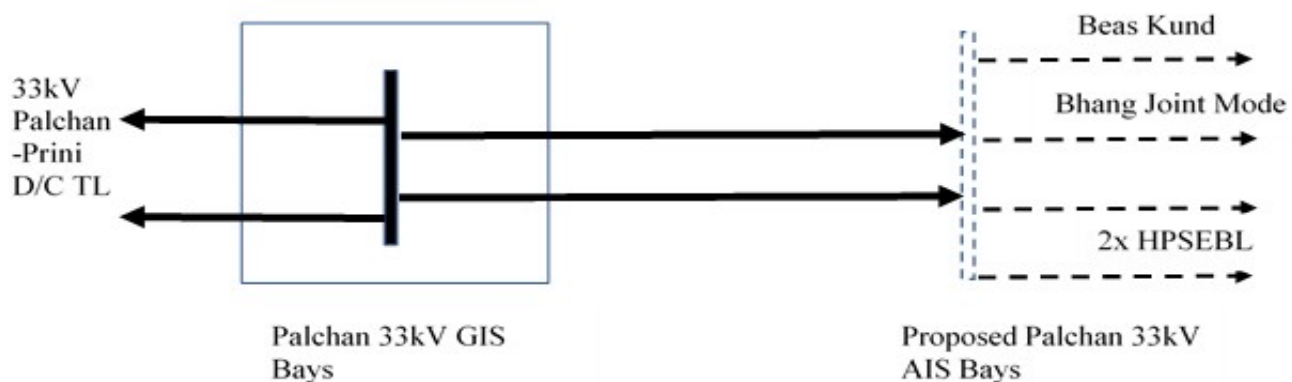


Figure: Proposed 33kV feeder reorganization, the existing 33kV terminal bays (GIS) shall act as bus couplers between the AIS and GIS bay arrangements.

The Senior Manager (Projects), PIU Sarabai, HPPTCL also confirmed that adequate space is available at Palchan Substation for construction of the proposed AIS bays.

After detailed deliberations, the proposal of HPPTCL for construction of four (04) additional 33 kV AIS bays at Palchan Substation with the above allocation was agreed and approved.

The stakeholders noted the position for information and record.

Agenda Item No. 16: Consultation on Requirement of Additional Drawl / Transformation Capacity at Prini (Manali) Substation.

It was informed to the stakeholders that there is a significant growth of load in Manali and upstream Lahul area, Manali-Leh axis due to improvement in road connectivity and tourism development. At present, the majority of the load of Manali and upstream is

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fed by 220/33kV, 31.5 MVA transformer at the switchyard of AD Hydro in Prini Manali. It was informed that this transformer is already saturated with the present load and requires immediate upgradation to cater to the growing load.

It was further discussed and deliberated that the matter assumes critical importance as many projects of national importance including Chenab-Beas link, Highway tunnels on Leh-Manali axis, Hydro projects in Chandra-bhaga basin are coming up and already demands of construction power has been raised, for which there appears no margin in the existing system.

HPPTCL informed that based on preliminary field assessment carried out by HPPTCL, it has been observed that there is a space constraint in the switchyard of AD Hydro (Prini), due to which a simple extension of the switchyard for addition of another transformer bay and transformer does not appear feasible. However, some land is available in the vicinity near Tower No. 1 on the 220kV Line; however, developing this location would entail site development works equivalent to a new 220/33kV Substation.



Figure: Location assessment for new 220/33kV Substation at Prini (Manali)

HPSEBL informed that there is a critical requirement of additional drawl from Prini and they have already internally raised the requirement.

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The Representative of AD Hydro informed that the exact location/land indicated by STU in the agenda/proposal is not clear, but it appears from their assessment that this land stands diverted to the AD Hydro project and, moreover, has significant trees of sensitive species, and as such forest clearance may be difficult. They further informed that final comments on the proposal cannot be provided without a more detailed proposal from STU and requested that same may be provided or a separate physical meeting may be called regarding this matter.

After deliberations, it was agreed that STU shall, after internal examination, take further necessary action on the matter.

Agenda Item No. 17: Applicable LTA Quantum of Nanti HEP (14 MW) for Billing Purposes.

It was informed that the Tripartite LTA Agreement among HPPTCL, HPSEBL and M/s Suryakanta Hydro Energies Pvt. Ltd. for Nanti HEP (14 MW) was executed on 24.05.2018, granting LTA w.e.f. 23.06.2018 for 18 years and 11 months. Subsequently, a Supplementary LTA Agreement was executed on 28.08.2021 revising the LTA quantum after accounting for free power as per DoE letter dated 05.08.2014.

As per the Implementation Agreement, free power to GoHP is applicable from COD/synchronization of the first generating unit, whichever is earlier. Since the COD of both units is 13.05.2014, the applicable LTA quantum for billing purposes shall be:

- *23.06.2018 to 12.05.2026: Free power 14.29%; Net LTA quantum = 12.00 MW.*
- *13.05.2026 to 22.05.2037: Free power 20.29%; Net LTA quantum = 11.16 MW.*

The stakeholders noted the above position for information and record.

Additional Agenda: Power evacuation of Garmang HEP (9 MW).

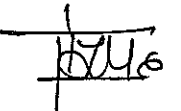
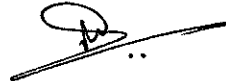
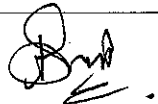
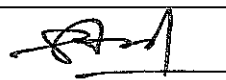
The developer of Garmang HEP (9 MW) sought an update regarding the evacuation arrangement for the project. It was informed that the matter was earlier discussed in the 51st STU Meeting held on 16.08.2024, wherein M/s Sai Eternal Foundation had requested confirmation of the evacuation system to avoid generation loss after commissioning. HPSEBL had then informed that power would be evacuated through Kullu Substation and that strengthening of the 33 kV Kullu–Larankaloun–Phojal corridor had been proposed under the RDSS scheme.

During the meeting, the Chair sought the latest status of the transmission system. HPSEBL informed that the works have since been awarded under the RDSS and World Bank schemes and assured that the completion timeline would be conveyed to M/s Sai Eternal Foundation Limited under intimation to HPPTCL within two weeks.

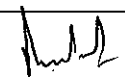
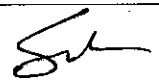
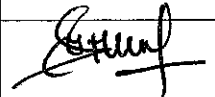
The stakeholders noted the above position for information and record.

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List of participants of the meeting held on dated 11.06.2026 regarding STU Consultation Meeting for Evolving Intra State Transmission System in HP (STU-CMETS-HP).

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5.	Gopal Verma	General Manager	Gomtesh Hydro Power (P) Ltd.	g.verma09@gmail.com	9816852194	
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20.	Er. Shamsher Singh Negi	Chief Engineer HPSEBL	HPSEBL	cesb.hpseb@gmail.com	9816959918	- Through VC -
21.	Sh. Arun Kumar Thakur	DGM, DSHEP	STVNL			- Through VC -
22.	Sh. Neelohit Bhardwaj	Sr. Manager (C&SD)	STVNL			- Through VC -
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30.						
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