



HIMACHAL PRADESH POWER TRANSMISSION CORPORATION LTD.

(A State Govt. Undertaking)

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No. HPPTCL/STU-Cood/Vol-V/2022-

4870-99 Dated: 31/7/2024

To

The Managing Director,
HPSEB Limited, Vidyut Bhawan,
Shimla-1710004.

Subject: 51st Meeting of STU Coordination Committee to be held under the Chairmanship of Chief Secretary, Govt. of Himachal Pradesh on 5th August, 2024; Meeting Notice thereof.

Sir,

With reference to the subject cited matter, it is intimated that the 51st meeting of STU Coordination Committee is scheduled to be held under the chairmanship of worthy Chief Secretary, GoHP on **05.08.2024 at 03:00 P.M.** in the Committee Room of HP Secretariat (Ellerslie Building), Card Road, Shimla – 171002.

The agenda note for the meeting has been hosted on the official website of HPPTCL i.e. www.hpptcl.com. Therefore, it is requested to kindly make it convenient to attend the meeting on the scheduled date and venue, please.

Yours faithfully,


(Er. Manoj Kumar)
General Manager (C&D)
HPPTCL, Shimla-05.

Copy to:

1. The Sr. P.S. to the Chief Secretary, GoHP, Shimla -171002 for information of Worthy Chief Secretary, GoHP, please.
2. The Director (Energy), Directorate of Energy, MLA Crossings, Near ISBT Tutikandi, Shimla -171005 for information, please.
3. The Spl. Secretary (Power), to GoHP, Shimla-05 for information, please.
4. The Managing Director, HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information, please.
5. The Chief Executive Officer, Himurja, Urja Bhawan, SDA Complex, Kasumpti, Shimla-171009 for information, please.
6. The Director (Planning & Contracts)/(Projects), HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information, please.
7. The Director (Technical), HPSEBL, Vidyut Bhawan, Kumar House, Shimla-171004 for information, please.
8. The Director (Electrical), HPPCL, Himfed Building, BCS, Shimla-171009 for information, please.

9. The Chief Engineer (System Planning), HPSEBL, Uttam Bhawan, Dogra Lodge, Shimla-171004, for information, please.
10. The DGM (P&A), HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information and making necessary arrangement at the venue, please.
11. The President, Bonafide Himachalies Hydro Power Developers Association, Sai Bhawan, Sector-4, New Shimla-171009 for information, please.
12. Sh. C.M. Walia, Secretary-General, HPPF, Top Floor, Uttam Bhawan (near 103 Tunnel), Shimla-171004 for information, please.
13. The Chief Engineer, HP Load Despatch Society, SLDC Complex, Tutu, Shimla-11 for information, please.
14. Sh. S.N. Kapur, Gyamba House, South End, Lane-IV, Sector-1, New Shimla-9 for information, please.
15. M/s Sai Eternal Foundation, Sai Bhawan, Sector-4, New Shimla-171009 for information, please.
16. 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 Shimla, Himachal Pradesh for information, please.
17. M/s Himachal Hydel Projects Pvt. Ltd., SCO 3, Sector 16, Panchkula, Haryana-134108 for information, please.
18. M/s Ranital Hydro Ventures Private Limited, R/o: 39/2, Mahal Ratiara, Tehsil Baroh, Kangra, Himachal Pradesh-176054 for information, please.
19. M/s Western Himalayas Power Project, Village Shanag, PO Bhang, Tehsil Manali, Distt. Kullu-175103 for information, please.
20. M/s Kangra Hydro Power Venture Pvt., Ltd., Ranital, District Kangra (H.P.)-176029 (H.P) for information, please.
21. M/s Leond Hydro Power Pvt. Ltd., Skipton Villa, Jodha Niwas, The Ridge Shimla-171001 H.P. for information, please.
22. M/s Varun Jal Vidyut Shakti Pvt. Limited, Skipton Villa, Jodha Niwas, The Ridge Shimla-171001 H.P. for information, please.
23. M/s Western Himalayas Power Projects, Village Shanag, PO Bhang, Tehsil Manali, Distt. Kullu-175103 for information, please.
24. M/s Kapil Mohan & Associates Hydro Power Pvt. Ltd., S.C.O. 140-141, Sector 34-A, Chandigarh (U.T) for information, please.
25. M/s Daiwik Power Pvt. Ltd., Flat No. A-4, Block No. 08, Strawberry Hills, Shimla-171002 (H.P). for information, please.
26. M/s Pinnacle Hydro Energy Private Limited, D-119, First Floor, Saket, New Delhi – 110017 for information, please.
27. M/s Halindi Hydro Electric Project Pvt. Ltd., Durga Niwas, Below Himfed Building, BCS New Shimla, H.P. 171009 for information, please.
28. M/s Palchan Bhang Pvt. Ltd., Room No. 18, Hotel Rohtang view, Vishishat, Manali-176131 for information, please.
29. M/s Kalima Hydro Power Private Limited, C/o Shri Chaman Lal, Near Nishita Hotel, Village Aleo, P.O. Manali, H.P.-175131 for information, please.


General Manager (C&D)
HPPTCL, Shimla-05.

Agendas for Discussion in the 51st Meeting of the STU Co-ordination Committee to be held under the Chairmanship of Worthy Chief Secretary:

Agenda Item No. 1: Power evacuation of Gramang HEP (9 MW).

The power evacuation of Gramang HEP 9 MW has been proposed at 33kV switch-yard of Sarbari-I SHP of M/s DSL Hydro Watt from where the power will be further evacuated in Joint mode with Sarbari-1 up to 33kV substation at Bhuti. The 33kV transmission line up to Sarbari-I switch yard has been erected and the project will be ready for commissioning shortly as per the status updation by the developer.

The matter was discussed during the 50th STU meeting wherein, it was suggested that HPSEBL should work out the proposal to strengthen the 33kV Kullu-Larankaloun-Phojal corridor, as Kullu is equidistant from Phojal & Bajaura. It was apprehended that it shall be difficult to strengthen the 33kV Bajaura to Kullu link as it passes through populated areas. It was agreed that HPSEBL shall come up with a proposal to strengthen the corridor immediately.

HPSEBL may provide update in the matter.

Agenda Item No. 2: Power Evacuation of Dera SHEP (5 MW) in Distt. Chamba.

M/s Dera Hydro Power Pvt. Ltd. vide their letter dated 14.11.2022 had requested M/s Himachal Hydro Power Pvt. Ltd to issue NOC for evacuation of Power of Dera SHEP in joint mode from Kurhed-1 to Holi Substation to enable Dera SHEP to sign LTA with HPPTCL.

However, M/s Himachal Hydro Power Pvt. Ltd. had conveyed vide their letter dated 13.12.2022 that Power of Dera SHEP (5 MW) cannot be evacuated through Kurhed-1 SHEP up to Holi Substation due to Power constraints in their 33 kV Transmission line.

Further, M/s Dera Hydro Power Pvt. Ltd. had carried out technical suitability and feasibility of the transmission line from Kurhed-1 to Holi Substation and copy of the suitability report was also handed over to M/s Himachal Hydro Power Pvt. Ltd.

Subsequently, M/s Dera Hydro Power Pvt. Ltd. had conducted a meeting with representative of M/s Himachal Hydro Power Pvt. Ltd. on 16.03.2023. During this meeting, it was decided to explore the feasibility of utilizing the existing transmission line by involving Technical team of both sides from Kurhed-1 to Holi Substation for evacuation of Power from Dera SHEP and accordingly, M/s Dera Hydro Power Pvt. Ltd. had requested M/s Himachal Hydro Power Pvt. Ltd. to give suitable date for the same but no response has been received yet from M/s Himachal Hydro Power Pvt. Ltd. despite of repeated requests from M/s Dera Hydro Power Pvt. Ltd.

The matter was also discussed in the 50th meeting of STU Coordination Committee and it was decided to take suitable steps for amicable settlement of the dispute between the



two HEPs. As such, HPPTCL had conducted meeting on 27.03.2024 under the chairmanship of MD, HPPTCL amongst representatives of HPPTCL, M/s Dera Hydro Power Pvt. Ltd. (for Dera HEP 5 MW) & M/s Himachal Hydro Power Pvt. Ltd. (for Kurhed-1 HEP 4.5 MW) where it was decided that developer of both the HEPs shall submit the technical details of 33kV dedicated line from Kurhed-1 HEP to Holi Substation of HPSEBL to HPPTCL in order to check feasibility for the same. The technical details have not been submitted by M/s Himachal Hydrel Projects and further, in response, M/s Himachal Hydrel Projects Pvt. Ltd. vide their letter dated 03.05.2024 has conveyed to HPPTCL that they are not interested in allowing any evacuation of Power in Joint mode with Dera HEP through their dedicated 33 kV transmission line under any circumstances.

In view of above, since the matter is related to dedicated transmission line and the STU is responsible for optimum utilization of the resources/ROW and also to coordinate with planning agencies and generating companies, thus, STU is of the opinion that multiple dedicated line is not in the interest of State as it has impact on the Social and Environment aspects. In the instant case, both the developers i.e. M/s Dera Hydro Power Pvt. Ltd. and M/s Himachal Hydro Power Pvt. Ltd. may share the cost of the transmission line proportionate to their project's capacity. Else, the Generating Companies may approach Hon'ble HPERC for resolution in the matter.

Matter needs a detailed deliberation to arrive at a consensus.

Agenda Item No. 3: Power Evacuation of Parai SHEP (5MW), Distt. Kangra.

The issue regarding evacuation of Power of Parai SHEP (5 MW) in joint mode with Banu SHEP (5 MW) up to Binwa Substation was duly discussed in the 50th meeting of STU Coordination Committee. During this discussion, it was advised to strengthen Binwa-Bajjnath corridor on priority for smooth evacuation of Power.

Subsequently, HPPTCL has taken up the matter with HPSEBL on dated 12.12.2022 by conveying that 132/33 kV Substation at Bajjnath is proposed to be constructed under GEC-II Scheme of MNRE. This upcoming Substation shall be connected with 33/11 kV Bajjnath Substation of HPSEBL and shall resolve the evacuation related issues. Also, HPSEBL was requested to submit the latest status of action taken report in respect of strengthening of Binwa-Bajjnath corridor but the response is still awaited from HPSEBL's end.

HPSEBL may provide latest status report.

Agenda Item No. 4: Power Evacuation of Beas Kund-II HEP (5 MW) in Distt. Kullu.

In the 50th meeting of STU Coordination Committee, it was decided that Power of Beas Kund-II HEP (5 MW) shall be evacuated in joint mode with Beas Kund HEP (9 MW), Serai HEP (2 MW) and Rallah HEP (1.5 MW) to 33 KV Switching Substation at Palchan of HPPTCL.

In this context, M/s Western Himalayan Power Projects submitted that the total length of Transmission line works out to be 13.4 km and such a long Transmission line shall make the project economically unviable as lot of forest land is to be diverted for construction of Transmission line.

As such, M/s Western Himalayan Power Projects has proposed that Power of Beas Kund-II HEP (5.0 MW) to be evacuated through in joint mode with project namely Beas Kund Top HEP (4.9 MW) to 33 kV Substation of HPSEBL at Dhundi. Beas Kund Top HEP has already been commissioned in Sept, 2022 and total length of Transmission line from Beas Kund-II to Beas Kund Top HEP Power house is 900 mtr. only.

Matter needs a detailed deliberation.

Agenda Item No. 5: Power evacuation of various HEPs at 33 kV Palchan Substation of HPPTCL.

The matter was discussed during the 50th STU meeting. As per the connectivity applications received by HPPTCL, the following power evacuation arrangement was agreed and approved in respect of IPPs on the basis of geographical location of the projects:

1. Beas Kund-II (5 MW), Beas Kund (9 MW), Pinnacle HEP Serai (2 MW) and Rallah (1.5 MW) – in joint mode (cumulative power of 17.5 MW)
2. Palchan Bhang (9 MW), Halindi Nallah (1.6 MW), Shanag (2.175 MW) and Shanag Top (4.2 MW) - in joint mode (cumulative power of 16.975 MW)
3. 1 bay for interconnection with 33kV HPSEBL substation at Palchan.

Accordingly, the connectivity had been granted in joint mode to the developers as agreed and approved in 50th STU meeting.

Furthermore, the connectivity to Bhang HEP (9 MW) was granted by S/C LILO of 33kV Palchan-Prini line initially. Now, the developer of Bhang HEP has reduced the capacity from 9 MW to 4.80 MW and accordingly, has proposed to evacuate the power along with Palchan Bhang (9 MW) up to 33kV Palchan switching station. Further, the IPP has requested to confirm the commissioning date for the Palchan sub-station and commissioning of Palchan-Prini transmission line for evacuating of entire power from the Bhang HEP 4.80 MW.

Members may deliberate and HPPTCL may provide update regarding commissioning of 33kV Palchan substation and Palchan-Prini line.

Agenda Item No. 6: Power Evacuation of Beas Kund HEP (9MW) in Distt. Kullu.

Beas Kund HEP (9 MW) at Village Palchan had commissioned in June 2012 with interconnection point at HPSEBL's 33/11 kV Palchan Sub-Station. Beas Kund which had suffered financial loss since the whole power from Beas Kund could not be evacuated due to sub-station and transmission line capacity constraints.

HPSEBL vide their letter dated 29.12.2023 has instructed the IPP to shift their interconnection point from HPSEBL's 33/11kV Palchan sub-station to HPPTCL's 33/11kV switching station Palchan near Nehru Kund. Hence, in order to evacuate power of Beas Kund HEP at 33/11kV switching station Palchan near Nehru Kund, the work for cable laying is in progress and shall be completed by end of July 2024.

In view of above, IPP has requested that if this switching station is not commissioned by 31st July 2024 then connection shall be granted directly at 33kV line from Palchan to Prini of HPPTCL till the time, the switching station gets commissioned.

Further, IPP has sought confirmation regarding their interconnection point since as per earlier PPA, the interconnection point was HPSEBL's 33/11 kV Palchan substation and regarding their metering arrangement that whether their main and check meters shall be installed at HPPTCL's 33/11kV switching station Palchan near Nehru Kund.

Also, IPP has sought confirmation regarding Beas Kund HEP transmission line losses which were earlier considered up to HPSEBL's 33/11 kV Palchan sub-station. Now with this arrangement, whether Beas Kund HEP transmission line losses shall be considered up to 33/11 kV switching station near Nehru Kund and accordingly net energy exported shall be calculated.

Also, IPP was earlier paying O&M charges for HPSEBL's 33/11 kV Palchan Substation. Now with this arrangement, whether IPP shall be paying O&M charges only for 33/11kV switching station near Nehru Kund.

Members may deliberate.

Agenda Item No. 7: Power Evacuation of Gaj-III (5 MW) and Gaj Top (3.80 MW) SHEPs in Distt. Kangra.

Gaj-III SHEP (5 MW) was commissioned on Dec, 2019. Meanwhile, M/s Kangra Hydro Power Ventures Pvt. Ltd. had been constructing their dedicated 33kV S/C transmission line from their project to 33/132 kV Chambi Substation of HPPTCL for evacuation of power in joint mode with Gaj Top SHEP (3.8 MW). Earlier they were evacuating their power at 132/33 KV Chambi substation through Kangra-Chambi line as interim arrangement.

During the flash floods of July, 2021, the dedicated line of IPP up to Chambi sub-station was washed away and HPSEBL allowed them interim inter-connection at 33 kV sub-station Bithloo which is still continuing. The IPP was served demand note of Rs. 1,05,94,440/- in Feb. 2021 for construction of one no. 33kV GIS bay at 33/132kV Chambi substation.

Further, the IPP restored the 33kV line up to 33/132kV Chambi sub-station and has requested for allowing inter-connection at 33/132kV Chambi sub-station so that full power of IPP could be evacuated. The dedicated transmission line is idle charged up to 33/132

kV HPPTCL substation in March, 2023 but they are unable to inject their power to the 33/132 kV Chambi Substation due to non-availability of spare 33 kV bay at the substation as all four 33 kV bays are allotted to the HPSEBL.

HPSEBL vide letter dated 19.06.2023 intimated M/s Kangra Hydro Power Ventures that the proposal for allowing connectivity to Gaj-III and Gaj Top in joint mode at one of the 4 nos. 33kV bays allocated to HPSEBL at 132/33kV Chambi sub-station does not fall in the ambit of any of the existing HPERC regulations/guidelines and requested further to take up the matter with HPPTCL as per permanent evacuation arrangement.

Accordingly, M/s Kangra Hydro Power Ventures vide letter dated 28.06.2023 requested HPPTCL to allow them to evacuate their power through 33/132kV Chambi substation and further informed that construction cost for one no. bay at 33/132kV Chambi substation shall be deposited before Sept. 2023.

Keeping in view of complete RE evacuation and IPPs having PPA with HPSEBL, HPPTCL vide letter dated 07.07.2023 allowed to connect the 33kV dedicated transmission line at 33kV Kangra feeder bay at 33/132kV Chambi substation as an interim arrangement. Whereas, HPSEBL vide letter dated 17.07.2023 have intimated the following and requested HPPTCL to withdraw the decision conveyed vide letter dated 07.07.2023:

1. As per the Hon'ble HPERC order dated 28.09.2022 regarding "Capital Cost and Tariff determination for 33/132 kV GIS Substation at Chambi (Shahpur) and 132 kV D/C Transmission Line" the HPSEBL is sole beneficiary of the transmission scheme. Thus, HPSEBL is paying the Transmission charges to HPPTCL amounting to Rs. 1323.20 Lakh (FY-23) including O&M charges for 4 nos. 33 kV bays as per Hon'ble HPERC Order for 4th MYT Control Period (FY20-FY24) dated 31.03.2023.
2. The 33 kV Kangra Feeder Bay at 33/132 kV Sub-Station Chambi shall be utilized by HPSEBL for drawl of Power during contingency, hence no interim connectivity to other IPPs can be allowed on said feeder bay.
3. The decision taken to connect subject cited IPPs for evacuation of Power as an interim arrangement has been taken at your end own unilaterally without any consent of HPSEBL which shall lead to dispute regarding approved tariff & charges thereof being paid by HPSEBL to HPPTCL.

In consideration of HPSEBL letter dated 17.07.2023, HPPTCL vide letter dated 09.08.2023 has taken up the matter with Hon'ble HPERC for resolution but response is still awaited.

However, M/s Kangra Hydro Power Ventures Pvt. Ltd. vide letter dated 30.03.2024 again intimated that 33/11 kV Bithloo substation is already overcrowded and they are facing frequent back down instructions during peak season and accumulating huge generation losses due to the same whereas on the other hand, there is spare bay available at 33/132 kV Chambi substation as no power is flowing in two circuits/bays of HPSEBL. Accordingly, M/s Kangra Hydro Power Ventures Pvt. Ltd has requested to allow them to

evacuate their power through any one of the aforementioned bays of HPSEBL till the completion of construction work of 33 kV bay by HPPTCL in order to avoid generation loss during the monsoon season.

In this regard, M/s Kangra Hydro Power Ventures Pvt. Ltd. has also filed petition before Hon'ble HPERC on dated 04.07.2024.

In addition to the above, M/s Kangra Hydro Power Ventures Pvt. Ltd. have deposited the entire bay charges amounting to Rs. 1,05,94,440/- to HPPTCL in Sep, 2023. Further, the construction of the one no. 33kV GIS bay at 33/132kV Chambi substation by HPPTCL on deposit would take considerable time as such the single-bid received against the tender is under evaluation and completion period has been kept as 6 months for the construction work.

Members may deliberate.

Agenda Item No. 8: Power Evacuation of Leond (2 MW) SHP in Distt. Kangra.

Interim Power evacuation arrangement for Leond (2 MW) SHP was discussed in 48th meeting of STU Co-ordination Committee held on 03.01.2019 and it was decided that HPSEBL would consider the request of the IPP to accord connectivity for Leond HEP at Gaj/Bithloo Substation.

M/s Leond Hydro Power Pvt. Ltd. has conveyed that the matter was discussed with HPSEBL wherein it was recommended that permanent connectivity to Leond SHP may be allowed since field unit of HPSEBL has conveyed the feasibility of connectivity at 33kV Bithloo Substation.

Now, after the lapse of more than 2 years, HPSEBL has not conveyed the final decision in this matter yet.

HPSEBL may confirm the same.

Agenda Item No. 9: Power Evacuation of Banu SHP in Distt. Kangra.

Banu SHP is under implementation in Baijnath, Distt. Kangra and is likely to be commissioned within next few months. The interconnection point for the project was approved at 33kV Substation of Binwa powerhouse as per approved TEC.

Accordingly, M/s Varun Jal Vidyut Shakti Pvt. Ltd. had applied for interconnection point of HPSEBL. Further, Chief Engineer (SP), HPSEBL vide their letter dated 28.09.2021, intimated that connectivity has granted to Binwa Substation but interconnection point will be at 33kV bay at 33/11kV Baijnath Substation.

In view of above, M/s Varun Jal Vidyut Shakti Pvt. Ltd. has requested HPSEBL that the interconnection point for Banu SHP may be allocated at 33kV Substation Binwa.

HPSEBL may deliberate the same.



Agenda Item No. 10: Delay in signing of Supplementary Transmission Service agreements and connection agreements by HPSEBL.

HPPTCL shared draft Supplementary TSA with HPSEBL in respect of 22 transmission elements vide letter dated 08.02.2024, **in accordance with the clause 5.2 of the Transmission Service Agreement dated 10.02.2012 executed between the parties**, which requires that a Supplementary Agreement shall be signed as and when new Transmission elements owned by HPPTCL comes in operation and is being utilized by HPSEBL. Subsequently, it has also been agreed in meeting held on 03.03.2023 between HPSEBL & HPPTCL that an Advance Supplementary Transmission Agreement shall be signed between HPSEBL & HPPTCL as and when new intrastate Transmission element is approved for construction before taking up the construction of such element.

Out of the total 22 transmission elements, **Supplementary Transmission Agreement for 15 transmission elements have been executed on 18.07.2024** whereas, with respect to following 7 transmission elements, HPSEBL is yet to execute the agreement:

1. Construction of 132/33 kV Barsaini Substation, 132 kV D/C Barsaini to Charor line, 220/132/33 kV Charor Substation & 220 kV D/C Charor to Banala Line. *(The works of 132/33 kV Barsaini Substation, 132 kV D/C Barsaini to Charor line are already under construction and 220/132/33 kV Charor Substation & 220 kV D/C Charor to Banala Line have been commissioned)*
2. Construction of 132 kV GIS Pooling Substation at Darkunda by LILO of 132 kV Kurthala to Bathri line, Distt. Chamba & Construction of 132 kV D/C Transmission line from Darkunda Switching Station to 220/132 kV Mazra Substation, Distt. Chamba. & Upgradation of existing 132kV S/C line from 132/33 kV Bathri Substation to 220/132 kV Jassore Substation to 132 kV D/C HTLS Transmission line and HTLS reconductoring of 132 kV D/C TL from Mazra to Bathri. *(Proposed under GEC-II)*
3. Construction of 132/33 kV, 2x31.5 MVA GIS Substation near Dharamshala Substation along with 132 kV D/C line from Dehan (Patti) to Proposed substation near Dharamshala. *(Proposed under GEC-II)*
4. Providing 220/33 kV, 50/63 MVA Additional Transformer at 220/33kV 50/63 MVA GIS Karian Substation, Distt. Chamba. *(Proposed under GEC-II)*
5. Providing 220/132 kV, 80/100 MVA Additional Transformer at 220/132kV 80/100 MVA GIS Charor Substation, Distt. Kullu. *(Proposed under GEC-II)*
6. Providing 132/33 kV, 50/63 MVA Additional Transformer at 132/33kV AIS Kurthala Substation, Distt. Chamba. *(Proposed under GEC-II)*
7. 132/33 kV Ghumarwin Substation along with S/C LILO of 132 kV D/C Hamirpur to Kangoo line at Ghumarwin. *(Being implemented under Domestic funding Capex Approval obtained from Commission)*

In addition to this, HPSEBL has requested for augmentation in the capacity of 220/132kV transformation at KalaAmb. The issue was agreed in the STU Technical meeting held on 06.10.2023. The TSA for the same has been sent to HPSEBL along with the pending 7 elements for signing the agreement.

HPSEBL to update the delay in signing of STSA.

Agenda Item No. 11: Transfer of 132 kV S/C Solan Jamta Giri line to HPPTCL and use of 132 kV Jamata to Giri portion of line for upgradation to 220 kV D/C line and utilizing the 220 kV Portion of line from Jamta to Devani line by HPPTCL to ensure connectivity of 400/220 kV Kala Amb substation with 220/132 kV Giri Substation.

This is with reference to **use of 132 kV Jamata to Giri portion of line for upgradation to 220 kV D/C line and utilizing the 220 kV Portion of line from Jamta to Devani line by HPPTCL to ensure connectivity of 400/220 kV Kala Amb substation with 220/132 kV Giri Substation.** HPSEBL vide letter dated 20.06.2024 has shown apprehensions in respect of dismantling and upgradation of 132 kV S/C Jamta to Giri line to 220 kV D/C line and emphasised on construction of a 132kV switching station so that the existing 132 kV Solan - Jamta - Johron line of HPSEBL is not disturbed.

In this context, it is informed that 220 kV Multi Circuit line from 220/132 kV Andheri substation of HPPTCL till Tower No. 20 of 220 kV D/C line from Jamta to Devani charged on 132 kV line has been constructed in line with the master plan of HPSEBL (The tender has been transferred from HPSEBL to HPPTCL and work is being executed by HPPTCL). The said Multi Circuit line has four circuits out of which two 132 kV circuits are to be used for termination at 132 kV Johron Substation and two circuits shall be charged at 220 kV level from 400/220 kV Substation of PKATCL at Arandhwala in Kala Amb. In case, HPSEBL proposal as intimated vide letter dated 20.06.2024 is considered the 220 kV towers from Devani to Jamta with Zebra conductor cannot be used by HPPTCL till Jamta and further upgradation of line from Jamta to Giri is of no use as additional 220 kV Right of Way (R.O.W.) shall be required to reach the corridor of 132 kV S/C line from Jamta to Giri. This is in complete contravention to the earlier agreed planning of the area. The expenditure incurred on account of 220 kV M/C line from 400/220 kV Arandhwala to 220/132 kV Kala Amb and 220 kV M/C line from 220/132 kV Kala Amb to Tower No. 20 of 220 kV D/C line from Jamta to Devani shall become futile. The very purpose of construction of 132 kV line from Jamta to Devani on 220 kV D/C line with Zebra conductor by HPSEBL shall be defeated. Hence the proposal is not agreeable to HPPTCL. It is again requested to allow use of 132 kV Jamata to Giri portion of line for upgradation to 220 kV D/C line and utilize the 220 kV Portion of line from Jamta to Devani line. Further regarding utilization of balance portion of line i.e. 132 kV S/C Solan to Jamta line, HPPTCL intends to construct a 132/66/33 kV Substation to feed to load in the Dharampur /Kasauli area by LILO of 132 kV S/C Solan to Jamta line wherein, scope shall be kept for upgradation to 220 kV level in future. The location can be finalized in consultation with HPSEBL as per the load and system requirement. The balance portion of 132 kV S/C Solan to Jamta line, from the proposed new substation till Jamta shall initially be kept in



healthy condition charged at 132 kV level and thereafter its upgradation to 220 kV level or its utilization on 66kV level will be taken up as per increase in load demand of the area and system requirement. The matter has been conveyed to HPSEBL by HPPTCL wherein it was conveyed that issue shall also be discussed in upcoming STU to reach consensus and finality on long pending issue.

Members may deliberate.

Agenda Item No. 12: Transfer of the various transmission assets including 132 kV D/C Kurthala-Bathri line and 132 kV S/C Bathri-Jassore line to HPPTCL by HPSEBL.

This matter regarding power evacuation of Chanju-I HEP in District Chamba was discussed in the 50th meeting of STU Coordination Committee held on 05.09.2022 wherein, it was decided that 132 kV D/C Kurthala-Bathri line shall be transferred by HPSEBL to HPPTCL to ensure smooth evacuation of power from the projects in the area and to avoid duplicity of Transmission charges.

The power of Chanju-I (36 MW) and Chanju-II (19.80 MW) HEPs is currently being evacuated by LILO of one of the circuits of 132 kV D/C Kurthala-Bathri Transmission line. This transmission line is on Panther conductor and is already providing evacuation to projects injecting power to the tune of approximately 95.80 MW against its N-1 capacity of 95 MW.

In view of upcoming generation from HEPs in the Chanju Nallah i.e. Deothal Chanju (30.5 MW) and Chanju-III (48 MW) [projects of HPPCL] and four upcoming HEPs of HPSEBL namely Hail (18 MW), Devi Kothi (16 MW), Sai Kothi-I (15 MW), Sai Kothi-II (18 MW) and other upcoming HEPs of IPPs to the tune of 40 MW including Chonned-I HEP (24.81 MW), the existing system shall not be able to evacuate such quantum of power.

In order to ensure smooth evacuation of Power from the HEPs, HPPTCL is going to implement the following three (3) projects in the area under GEC-II scheme partly funded by MNRE as 33% grant.

1. Construction of 132 kV GIS Pooling Substation at Darkunda by LILO of 132 kV Kurthala to Bathri line
2. Construction of 132 kV D/C Transmission line from Darkunda switching station to 220/132 kV Mazra Substation
3. Upgradation of existing 132 kV S/C line from 132/33 kV Bathri Substation to 220/132 kV Jassore Substation to 132 kV D/C HTLS Transmission line and HTLS reconductoring of 132 kV D/C TL from Mazra to Bathri

Thus, for the execution of proposed system, the assets i.e. 132 kV D/C Kurthala-Bathri line and 132 kV S/C Bathri-Jassore line needs to be transferred to HPPTCL by HPSEBL. Further, in the 50th STU meeting, it was decided that the 132kV D/C Kurthala-Bathri Line shall be transferred by HPSEBL to HPPTCL to ensure smooth evacuation of power from the projects in the area and to avoid duplicity of transmission charges.



Further, the matter regarding transfer of the said asset was also discussed in the 1st meeting of STU Technical Coordination Committee and requested HPSEBL to convey the same within 15 days, but no response was received HPSEBL. Thereafter, HPPTCL vide letter dated 04.12.2023 and 15.12.2023 again requested HPSEBL to transfer 132 kV D/C Kurthala-Bathri line and 132 kV S/C Bathri-Jassore line in order to facilitate implementation of GEC-II scheme.

The transfer of assets has remained the matter for discussions after unbundling of assets between HPSEBL and HPPTCL. The transfer of assets is a broader matter and State Government is the authority to decide the same.

Further, various upgradation and alteration works have been proposed by HPPTCL to be executed in the existing transmission infrastructure being operated and maintained by HPSEBL. The financial assistance from World Bank and 33% grant-in-aid from MNRE under GEC-II scheme is available to execute such upgradation and alteration works which have scheduled timelines for completion. These financial assistances should be availed by state. Matter regarding transfer of assets has been taken up several times with HPSEBL but response from HPSEBL is still awaited.

In view of to carry out smooth execution of works, either HPSEBL transfer the assets to HPPTCL or HPSBEL immediately issues No Objection Certificate to execute the upgradation and alteration works by HPPTCL proposal under GEC Phase-II scheme and H. P. Power Sector Development Program funded by World Bank.

Members may deliberate.

