

**Agendas for Discussion in the 52<sup>nd</sup> Meeting of the STU Co-ordination Committee to be held under the Chairmanship of Secretary (Power) GoHP:**

**Part A - Agenda by STU**

**Agenda Item No. 1: Confirmation of minutes of meeting of 51<sup>st</sup> STU Coordination committee.**

The MoM of 51<sup>st</sup> STU Coordination committee meeting were circulated vide HPPTCL letter dated- 31.08.2024. No comments for any change have been received from any of the stakeholders. Considering above minutes of **51<sup>st</sup> STU Coordination committee may please be confirmed.**

**Agenda Item No. 2: EHV Plan for Providing Supply of Power to Medical Devices Park at Majholi and Elimination of Congestion in BBNA.**

**A. Approval of 220/66 kV, 2X200 MVA Akkanawali Substation:**

In order to address the issues of Nalagarh and Baddi area 220/66 kV, 2x200 MVA Akkanawali substation has been proposed by HPPTCL by D/ C LILO of Upperla Nangal to Baddi/Mandhala Line. The space adjacent to existing 66kV Akkanawali substation of HPSEBL is required for construction of this proposed substation. HPSEBL needs to sign advance Transmission Service Agreement with HPPTCL for execution of above project.

**Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- Proposal for the construction of the 220/66 kV Akkanawali Substation adjacent to the existing 66 kV Akkanawali Substation was approved.
- HPSEBL agreed to revert back with spare area available with them adjacent to present 66 kV Akkanwali Substation to be provided to HPPTCL
- HPSEBL to be provided with the provisional DPR for their comments/ value addition prior to its finalization.
- It was agreed that the DPR should cover the cost of re-organization of 66 kV existing feeders as well as shifting of existing utility lines as per requirement.
- HPSEBL agreed to sign the Advance Transmission Service Agreement (TSA) with HPPTCL for project execution only after the finalization of the DPR between HPSEBL and HPPTCL.

**Proposal of STU/HPPTCL**

Approval for construction of 220/66 kV, 2x200 MVA Akkanawali substation by D/C LILO of Upperla Nangal to Baddi/Mandhala Line may please be accorded and HPSEBL may please be directed to expedite the supply of information at their end.

**Members may deliberate please.**

#### **B. Utilization of 400 kV Reru-Kunihar Line at 220 kV Level:**

HPPTCL submitted the proposal for utilization of 400kV Reru-Kunihar line by charging it on 220 kV level from 400/220kV Reru Substation of PGCIL to Kunihar which has been approved by GoHP and further directed HPSEBL to transfer the asset to HPPTCL for utilization of line. HPPTCL has proposed to execute the project under World Bank funded Himachal Hydro Power Sector Development Programme. HPSEBL needs to execute the advance Transmission Service Agreement with HPPTCL for execution of project.

#### **Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- The proposal for utilizing the 400 kV Reru-Kunihar line by charging it at 220 kV was approved. The terminal towers of 400 kV are already there whereas termination will be planned for 220 kV level for utilization.
- HPSEBL confirmed the transfer of assets after approval of their BOD to HPPTCL to facilitate the integration of the grid under the World Bank-funded Himachal Hydro Power Sector Development Programme.
- Director (Technical) HPSEBL submitted that HPSEBL desires that 400 kV Substation should be constructed in long term at Kunihar considering load growth projections.
- MD HPPTCL apprised that considering load projections of next 5 to 10 years the 400 kV Substation is not required whereas all provisions shall be kept to ensure charging of line at 400 kV when the need arises.

#### **Proposal of STU/HPPTCL**

Approval to decision of 2<sup>nd</sup> STU meeting may please be accorded and HPSEBL may please be directed to expedite the signing of Advance TSA and supply of information at their end.

**HPSEBL may provide update in the matter and members may deliberate please.**

### **C. HTLS Reconductoring of 220 kV D/C Line from Reru to Nalagarh (Upperla Nangal):**

HTLS reconductoring of 220 kV D/C Line from Reru to Nalagarh (Upperla Nangal) needs to be done to ensure availability of power at Upperla Nangal substation and further downstream for Baddi, Proposed Akkanawali and Mandhala substation.

#### **Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- Reconductoring of 220 kV D/C Line from Reru to Nalagarh (Upperla Nangal) with HTLS conductor was agreed upon to address the present overloading and reliable power availability for Upperla Nangal, Baddi, Akkanawali, and Mandhala Substations.
- HPSEBL shall revert back with the views on the said proposal after detailed study.

#### **Proposal of STU/HPPTCL**

Approval to decision of 2<sup>nd</sup> STU meeting may please be accorded and HPSEBL may please be directed to expedite the signing of Advance TSA and supply of information at their end.

**HPSEBL may provide update in the matter and members may deliberate please.**

### **D. Upgrade of Power Supply to Medical Devices Park at Majholi and finalization of funding arrangement:**

For providing supply of power to MDP at Majholi, HPPTCL proposes 220/66kV substation at the allocated land by Industries department and also proposes that HPSEBL shall continue its proposal of construction of 33/11kV substation but with clearances for 66kV system as that later on this substation can be converted at 66kV level for handling more power.

#### **Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- HPPTCL's proposal to keep the gantry and clearances of 66 kV substation in under-construction 33/11 kV substation at Majholi under RDSS were accepted in principle. Director (T) HPSEBL assured that they will revert on the matter within 15 days after discussion with Chief Engineer (Shimla Zone) Operation.
- It was agreed that the 220/33 kV Substation will not be a long-term solution and 220/66 kV Transformation shall be better suited.
- It was apprised by HPPTCL that the matter of funding for EHV substation for MDP has been taken up with GoHP for decision as the issue is pending for decision by Discom as well as Department of

Industries. HPSEBL was requested to finalize the methodology of funding i.e. whether HPSEBL is willing to sign TSA for project so that work can be taken up under intrastate Transmission strengthening as majority of industries will be direct consumers of HPSEBL only and others will pay open access charges. Director (T) assured of reply of HPSEBL stance within 15 days on the issue of fund tie up.

- MD HPPTCL informed that works on site at MDP are in full swing and indecisiveness on funding is leading to delay in start of work for SOP to MDP and Defence Park in Majholi area as lead time of 2 to 3 years shall be required to construct EHV substation at Majholi.

#### **Proposal of STU/HPPTCL**

Approval to decision of 2<sup>nd</sup> STU meeting may please be accorded and HPSEBL may please be directed to expedite the signing of Advance TSA and supply of information at their end.

**HPSEBL may provide update in the matter and members may deliberate please.**

#### **E. Requisition for 220 kV Bays at Nalagarh (Reru):**

The proposal of charging 400kV Reru-Kunihar line on 220kV level and 220kV line from Reru to Majholi requires 4 nos. of bays at 400/200kV substation Nalagarh (Reru), HPPTCL will be required to provide requisition for same to PGCIL.

#### **Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- Upon firming up the above proposal, HPPTCL will submit a requisition to PGCIL for constructing 4 bays at the Nalagarh Substation (Reru). The TSA will be signed accordingly.
- The construction is expected to take 18 months after finalization of approvals at PGCIL & at various mandatory forums meaning thereby that it will take minimum 24 months for execution after placement of requisition to PGCIL by HPPTCL.

#### **Proposal of STU/HPPTCL**

Approval to decision of 2<sup>nd</sup> STU meeting may please be accorded.

**Members may deliberate please.**

#### **Agenda Item No. 3: Signing of TSA for Elements Pending with HPSEBL**

Signing of TSA for 9 nos. of elements is pending with HPSEBL which includes elements proposed under GEC-II scheme wherein 33% central financial

assistance is available from GOI and to be executed in time bound manner. In addition, TSA for system strengthening works of construction of 132/33kV Ghumarwin, Additional 220/132kV 200 MVA Transformer at Kala Amb and Termination of additional 132kV circuit from Andheri substation of HPTCL at 132/33kV Johron substation is also pending.

#### **Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- MD HPPTCL apprised HPSEBL that in the deadline for tendering of works in MNRE supported GEC-II has already expired on September 2024 and HPPTCL has requested extension for tendering process from MNRE and in event of further delays in signing of TSA or rejection of request by MNRE the 33 % Grant in GEC-II shall be lost.
- The Director (Technical), HPSEBL, informed that the matter is listed as agenda in upcoming meeting of Whole Time Directors of HPSEBL and assured the signing of TSAs after approval of WTD.

#### **Proposal of STU/HPPTCL**

HPSEBL may please be directed to expedite the signing of Advance TSA please.

**HPSEBL may provide update in the matter and members may deliberate please.**

#### **Agenda Item No. 4: Transfer of Work for 66 kV Line from Pooh to Kaza.**

The State Government has transferred work for execution of 66kV Pooh to Kaza line along with 66/22 KV substations at Sumdo and Kaza to HPPTCL. In order to proceed ahead with the works HPSEBL may provide the DPR of the projects prepared along with details of sanction received from Govt. of India for analysis by HPPTCL.

#### **Outcomes of 2<sup>nd</sup> STU Technical meeting held on 21.11.2024**

- Director (T) HPSEBL informed that the matter has been placed agenda as per GoHPs directions and HPSEBL opinion for decision before BOD. HPSEBL will revert on issue as per decision of BOD.

#### **Proposal of STU/HPPTCL**

HPSEBL may please be directed to expedite the process of transfer of asset to HPPTCL, please.

**HPSEBL may provide update in the matter and members may deliberate please.**

**Agenda Item No. 5: Utilization of spare 2 No. 220 kV bays at 400/220 kV Hamirpur Substation of PGCIL allotted to HPSEBL.**

In the 2<sup>nd</sup> STU technical meeting held on dated 21.11.2024, HPSEBL requested HPPTCL to ascertain usability of 220 kV line bays available with HPSEBL at 400/220 kV PGCIL substation Hamirpur for which HPSEBL is paying charges. HPPTCL asked HPSEBL to furnish the complete details with HPPTCL along with case history so that matter can be placed at appropriate forums to seek some remedial action to share charges under ISTS among all partner states and evaluate possible utility of these bays for State.

**HPSEBL may provide update in the matter and members may deliberate please.**

**Part B – Agendas by IPPs**

**Agenda Item No. 6: Power Evacuation of Barthi SHEP (1 MW).**

As per the TEC, the connectivity granted to IPP was at 132/33 kV Barsaini Substation of HPPTCL. However, the connectivity arrangement of the IPPs i.e. Chakshi-II (3 MW), Barthi (1 MW), Jigrai (5 MW) & Garthi (1.25 MW) was discussed at Agenda Item no. 11 in the 50th STU meeting held on 05.09.2022 and it was agreed that IPPs shall evacuate their power by LILO of 33kV Barsaini to Malana Switchyard line of HPSEBL. However, in case any change is desired by any IPP, the same shall be evaluated by HPPTCL. HPSEBL was further advised to study the possibility of using 33kV Barsaini to Malana line for pooling power of SHEPs in the region after commissioning of 132/33kV Barsaini Substation and come up with a proposal for a same. Thereafter, a joint meeting was held between HPSEBL, IPPs and HPPTCL on 03.07.2023 wherein, with respect to power evacuation of Barthi SHEP (1 MW), it was agreed as under:

*“The evacuation by LILO of 33 kV Barsaini-Malana line of HPSEBL was agreed and decided that HPPTCL shall intimate revised evacuation plan to DoE and accordingly, IPP shall apply for connectivity to HPSEBL after revision of TEC.”*

The matter is pending with HPSEBL with respect to the feasibility confirmation in respect of Barthi SHEP (1 MW) for power evacuation through HPSEBL 33kV Barsaini-Malana line.

**HPSEBL may provide update in the matter.**

**Agenda item No. 7: Power Evacuation of Chakshi-II SHEP (3 MW).**

As per the TEC, the connectivity granted to IPP was at 132/33 kV Barsaini Substation of HPPTCL. However, the connectivity arrangement of the IPPs i.e. Chakshi-II (3 MW), Barthi (1 MW), Jigrai (5 MW) & Garthi (1.25 MW) was discussed at Agenda Item no. 11 in the 50th STU meeting held on 05.09.2022 and it was agreed that IPPs shall evacuate their power by LILO of 33kV Barsaini to Malana Switchyard line of HPSEBL. However, in case any change is desired by any IPP, the same shall be evaluated by HPPTCL. HPSEBL was further advised to study the possibility of using 33kV Barsaini to Malana line for pooling power of SHEPs in the region after commissioning of 132/33kV Barsaini Substation and come up with a proposal for a same. Thereafter, a joint meeting was held between HPSEBL, IPPs and HPPTCL on 03.07.2023 wherein, with respect to power evacuation of Chakshi-II SHEP (3 MW), it was agreed as under:

*“The evacuation by LILO of 33 kV Barsaini-Malana line of HPSEBL was agreed. HPPTCL shall intimate revised evacuation plan to DoE and accordingly, IPP shall apply for connectivity to HPSEBL after revision of TEC.”*

The matter is pending with HPSEBL with respect to the feasibility confirmation in respect of Chakshi-II SHEP (3 MW) for power evacuation through HPSEBL 33kV Barshaini-Malana line.

**HPSEBL may provide update in the matter.**

**Agenda item No. 8: Power Evacuation of Choned HEP (24.81 MW).**

M/s Kundan Hydro LLP in the revised DPR of Choned HEP proposes to evacuate the power of Choned HEP (24.81 MW) through 132/66/33kV Kurthala substation by laying 16 Km long, 66kV transmission line. Considering that, evacuation has been proposed at 132/33kV Kurthala substation of HPSEBL and 66kV voltage level is not available at said substation, HPPTCL vide letter dated 18.10.2022 requested HPSEBL to confirm the feasibility of evacuation of power on 132kV voltage level at 132/33kV Kurthala substation. HPPTCL vide letter dated 06.07.2023 again requested HPSEBL to confirm the power evacuation feasibility of Choned HEP (24.81 MW) at 132/33kV Kurthala substation.

M/s Kundan Hydro LLP intimated that in the absence of feasibility confirmation Technical Clearance is not being issued which is delaying the commencement of construction activity. IPP vide letter dated 24.10.2024 requested HPSEBL to provide update on the possibility of connecting through 132kV S/C line from the powerhouse site to the 132/33kV Kurthala

substation or an alternative proposal by allowing them to connect to the evacuation arrangements for Hail HEP and Devi Kothi HEP.

The matter is pending with HPSEBL with respect to the feasibility confirmation of Choned HEP (24.81 MW).

**HPSEBL may provide update in the matter.**

**Agenda item No. 9: Regarding Power Evacuation of Sundrali SHEP (5 MW) in Distt. Chamba.**

The matter was discussed in 51<sup>st</sup> STU Meeting wherein it was conveyed HPPTCL that the request of IPP for construction of 66/33 kV Substation near M/s GMR Bajoli Holi Switchyard and its interconnection with 220/66 kV Heiling Substation can only be considered upon receipt of system strengthening requirement from HPSEBL. Further, it was decided that HPSEBL shall study the requirement of 66/33 kV Substation near Holi accordingly share reply to HPPTCL with a month's time.

Furthermore, with respect to Power Evacuation of Dera SHEP (5 MW), keeping in view that M/s Himachal Hydel Projects Pvt. Ltd. is not interested to evacuate the power of Dera SHEP in joint mode with their project i.e. Kurhed -I SHEP (4.5 MW), it was decided that the developer may approach the Hon'ble HPERC for resolution by filing a petition in 51<sup>st</sup> STU Meeting.

In view of this, the IPP vide letter dated 04.09.2024 requested to issue clarification with respect to decision made by the committee to allow to evacuate the power of Sundrali HEP (5 MW) in joint mode with Dera SHEP (5 MW). So that both the IPPs i.e. Sundrali HEP (5 MW) and Dera SHEP (5 MW), may jointly approach the Hon'ble HPERC.

**HPSEBL may provide update in the matter and members may deliberate please.**

**Agenda item No. 10: Regarding Signing of Connectivity Agreement with respect to Kuril SHEP (5 MW) with HPSEBL.**

It is intimated that as per the TEC, the power of the project is to be evacuated through 33kV switching station at Maredi in joint mode with Kurtha SHEP at 33 kV level i.e. through the HPSEBL system. M/s Sahu Hydro Power Private Limited vide letter dated 25.11.2024 has raised their concerns over the delay in obtaining the feasibility report for the Kuril SHEP (5 MW) from HPSEBL, which is pending since 2022. Further, connectivity application along with requisite



formats had been submitted to HPSEBL which is yet to be executed between HPSEBL and IPP.

**HPSEBL may provide update in the matter and members may deliberate please.**

\*\*\*\*\*