



H.P. Power Transmission Corporation Limited
(A State Govt. Undertaking)
Barowalias House, Khalini, Shimla-171002
(Telefax: 0177-2626284)

NO. HPPTCL/STU-Vol-IV/2014-4074-97

Dated:- 20/9/14

To

Managing Director,
HPSEB Limited,
Vidyut Bhawan, Kumar House,
Shimla-171004.

Subject: - 37th Meeting of STU Coordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP at Shimla on 6.9.2014 – Minutes of Meeting.

Sir:

Minutes of 37th meeting of STU Coordination Committee held on 6.9.2014 in the Committee room of Govt. Secretariat at Shimla are enclosed for information and necessary action please. Minutes have also been hosted on the official web site of HPPTCL i.e. www.hpptcl.gov.in.

Yours faithfully,


General Manager (C & D)

Copy to:-

1. Sr. P.S. to Pr. Secretary (Power), GoHP, Shimla-171002 for information of Pr. Secretary please.
2. Director, Energy Directorate, Shanti Bhawan, Phase-III, Sector-VI, New Shimla-171009 for information and necessary action please
3. Managing Director, HPPTCL, Barowalias House, Khalini, Shimla-171002 for information of Managing Director please.
4. Spl. Secretary (Power) to GoHP, Shimla-2 for information of Director (Projects) action please.
5. Director (P & C), HPPTCL, Barowalias House, Khalini, Shimla-171002 for information and necessary action please.

6. Director (Projects), HPPTCL, Barowalias House, Khalini, Shimla-171002 for information and necessary action please.
7. Director (Electrical), HPPCL, Himfed Bhawan, Panjari, Old MLA Quarters, Shimla-171005 for information and necessary action please.
8. Sh. C.M. Walia, Secretary General, HPPF, Top Floor, Uttam Bhawan (near 103 Tunnel), Shimla-171004 (Ph: 0177-2810466) for information and necessary action please.
9. Chief Executive Officer, Himurja, Urja Bhawan, SDA Complex, Kasumpti, Shimla-171009 for information and necessary action please.
10. Superintending Engineer, HP Load Despatch Society, SLDC Complex, Totu, Shimla-11 for information and necessary action please.
11. M/S Kapil Mohan & Associates Hydro Power Private Limited, SCO 140-141, Sector-34 A, Chandigarh (UT) (Fax No. 0172-2602863) for information and necessary action please.
12. Sh. S.N. Kapur, Gyamba House, South End, Lane-IV, Sector-1, New Shimla-9 (Fax No. 0177-2670013) for information and necessary action please.
13. M/S NSL Tangnu Romai Power Generation Private Limited, B-127, First Floor, Sector-2, Noida-201301 (U.P) (Fax. No. 0177-2670297) for information and necessary action please.
14. M/S Sai Engg. Foundation, Sai Bhawan, Sector 4, New Shimla for information and necessary action please.
15. M/S Fozal Power Pvt. Ltd, 1421-23, Ansal Tower, 38, Nehru Place, New Delhi-110099 (Fax No. 011-26281910) for information and necessary action please.
16. M/S Kunchanjunga Power Company (P) Ltd, Distt. Gautam Budh Nagar, B-37, Sector-1, Noida-201301, U.P for information and necessary action please.
17. M/S Kapil Mohan & Associates (P) Ltd, for information and necessary action please.

18. M/S Padhas Hydel Projects (P) Ltd. for information and necessary action please.
19. Sh. A.K. Pandey, DGM- Hydro Power Development, L & T Himachal Hydro Power, 201, 2nd Floor, HL Wings, MLU, Pocket-04, Sector-11, Dwarka, New Delhi-110075 for information and necessary action please.
20. Sh. O.P. Ajmera, Chief Executive Officer, AD Hydro Power Limited, Bhilwara Towers, A-12, Sector-1, Noida-201301 (NCR-Delhi) for information and necessary action please.
21. M/S MPCL, Bhilwara Towers, A-12, Sector-1, Noida-201301, NCR- Delhi. (Fax No. 0120-2531648) for information and necessary action please.
22. M/S Darjeeling Power Limited, Empire House, 3rd Floor, Dr. D.N. Road, Fort Mumbai-400001 (Fax No. 0177-2645108) for information and necessary action please.
23. M/S Door Sanchar Hydro Power Private Limited, 1211, Sector-7, Panchkulla, Haryana-134109 (Fax: 0172-2576575) for information and necessary action please.


General Manager (C & D)

**Summary Record of discussions in the 37th meeting of STU
Coordination Committee held on 6.9.2014 under the
chairmanship of Pr. Secretary (Power)**

The 37th meeting of STU Coordination Committee was held on 6.9.2014 under the chairmanship of Pr. Secretary (Power) in the Committee room of H.P. Secretariat to discuss various agenda items circulated vide HPPTCL letter No. HPPTCL/STU-Vol-IV/2014 3343-64 dated 28.8.2014. The List of participants is as per **Annexure-I**. During the discussions, following decisions were taken/action noted:

1. **Evacuation arrangement for Beaskund (9 MW) & other SHEPs in Palchan Valley:-**

**33/220 kV, 31.5 MVA sub station in the yard of Allain
Dhuanan HEP (Revised Time Line-15.12.2014):**

Committee was apprised that:

Date for opening of tenders of 220 kV Circuit Breaker and C & R panels which was earlier confirmed as 16.7.2014 had to be extended to 14.8.2014 due to lack of response. Tenders for Batter/ battery chargers, DCDB and CR panels have now been opened and order shall be placed before 15.9.2014. Committee was further apprised that to expedite the commissioning of the sub station, a meeting was held with the developer of Beaskund HEP on 3.9.2014 and time lines for intermediate activities have been frozen as under:

ACTION BY HPPTCL

- a) Submission of revised Single Line Diagram to M/S KMA---**Time Line-10.9.2014**
- b) Submission of revised Layout Plan of Control Room Building duly approved by M/S AD Hydro to M/S KMA---**Time Line-15.9.2014.**

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- c) Submission of Foundation drawing of 220 kV Breaker to M/S KMA---**Time Line-30.9.2014**

ACTION BY M/S KMA

- a) Submission of Control Room construction Drawing to HPPTCL -----**Time Line-20.9.2014.**
- b) Completion of all foundation works of 220 kV -----**Time Line-20.9.2014**
- c) Submission of all drawings of equipments along with GTP for 220 kV and 33 kV to HPPTCL -----**Time Line-20.9.2014**
- d) Submission of Project Plan/ Bar Chart to HPPTCL for commissioning of sub station by 15.12.2014-----**Time Line-25.9.2014.**

It was further apprised that for additional 33 kV bays for HPSEBL, M/S KMA shall submit their offer separately.

The commissioning of sub station is now delayed and shall be commissioned by **15.12.2014** instead of **30.9.2014.**

Representative of M/S AD Hydro submitted that there are certain legal, commercial, operational, Regulatory and open access related issues which need to be addressed and taken care of by HPPTCL on priority. Pr. Secretary (Power) directed HPPTCL to take immediate action for settlement of all the pending issues.

33 kV D/C Palchan-Prini line:

- *Forest Clearance*
- FCA case under process with Nodal Officer Shimla which was submitted on 19.7.2014. The FRA case is under process with sub divisional level FR Committee.

2. Construction of 4 Nos. Transmission Projects to be built by HPPTCL with Financial assistance by ADB (Tranche-1): -

i) 22/66/220 kV, (22/66 kV, 2x10 MVA+66/220 kV, 31.5 MVA) GISS at Bhoktoo +LILO of 220 kV Kashang- Bhaba Line-

22/66 kV portion- Revised time line-20.12.2014.

Committee was apprised that time line for commissioning of 22/66 kV portion committed during last meeting of the Committee as 31.8.2014 could not be met due to continued problems of labor, material and transportation. Urni Dhank landslide has further hampered the progress. All out efforts are being made to commission the 66/22 kV sub station by 20.12.2014. Progress of ongoing works was reported as under:

220 kV GIS Building-

- No further progress other than that reported in 36th meeting held on 4.7.2014.
- NIT for protection work for stabilization of slope of 220 kV yard shall be floated by 10.9.2014 and completion shall take 4 months.

• ***22 kV GIS Building-***

-Beams and slab at level 4802.2 m and soil filling at lower bench completed.

• ***Control Room Building:***

- Building foundation Raft completed.
- Foundation RCC walls and columns completed.
- Plinth beam 50% and soil filling 80% completed.

• ***Approach Road Counterforts:***

- Approach road 8 m high counterfort 80% completed.

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- Committee was apprised that for transportation of 66/22 kV transformer, the Firm is working out a solution in consultation with HPPCL/independent transporters. HPPTCL has also planned to make a dummy run in this regard.
- Representative of M/S Darjeeling Power (P) Ltd informed the Committee that their project, Shaung HEP (3 MW) is ready to generate and the interim arrangement (till such time as 66/220/400 kV Wangtoo and 66 kV Urni sub stations are commissioned) approved in earlier meetings of the Committee envisages interfacing of Shaung (3 MW) and Brua (9 MW) SHPs in joint mode with one circuit of 220 kV Kashang- Bhaba D/C line to be charged at 66 kV level. It was also informed that for this arrangement to work, 66/22 kV portion of the Bhoktoo sub station has to be completed.
- MD, HPSEBL informed that capacity of 66 kV line between Nathpa and Kotla sub stations is only 40 MW and the existing load flows need to be checked for its adequacy.
- Committee noted with concern that not only 66/22 kV, but 66/220 kV portion must also be commissioned to ensure smooth transmission of upcoming projects through interim arrangements which are targeted for commissioning before the peak hydro period of next year.
- HPPTCL was directed to expedite the completion of 66/22 kV and 66/220 kV portions on priority.

ii) 220/400 kV, 315 MVA GISS Pragati Nagar+ LILO of both circuits of 400 kV Jhakri- Abdullapur D/C Line.-COD-30th June, 2015.

- Soil investigation work has been completed.
- The work of retaining wall has been started.
- Site has been handed over to the Contractor.
- Matter regarding approach road to site through Pvt. Land has been finalized. The agreement for the same shall be executed by 30.9.2014.

iii) 220 kV D/C High Capacity Line from Hatkoti to 220/400 kV GISS Pragati Nagar.-COD- 30th June, 2015.

- Recheck survey completed. 70% material supplied which included conductor, insulator, Hardware fittings, stubs, earthing material, nuts & bolts and 220 kV tower material etc. amounting to ₹ 26.10 Crore out of ₹ 37 Crore has been received.
- FCA case for diversion of forest land for Stage-I clearance sent to Regional Office Dehradun. Stage-I clearance is expected to be obtained by 15.9.2014.

Committee directed HPPTCL to expedite the clearance process.

iv) 66/220 kV, 2x80/100 MVA+220/400 kV, 2x315 MVA GISS at Wangtoo+ LILO of 220 kV line and 400 kV connectivity COD- COD -220 kV portion-31st October, 2015 and 400 kV portion-30th April, 2016.

- Mobilization advance released.
- Preliminary engineering design and drawing activities initiated by the firm.
- Stage-II approval granted by MOEF on 30.7.2014. Transfer of land case from Revenue Department is under progress.

- It was informed only preliminary discussions were held with M/S JP for transfer of land but nothing substantial could come out.
- Committee directed that site be handed over to the Contractor immediately.

3. Construction of 33/220 kV GIS sub-station at Phojal in Naggar Valley:

33/220 kV, 100 MVA GIS sub station at Phojal (Revised Time Line-31.10.2014):

Committee was apprised that time line for commissioning of sub station and the 220 kV line committed in its 36th meeting as 15.8.2014 could not be achieved despite best efforts put in by HPPTCL and sub station could now be completed by 31.10.2014. Progress of ongoing activities is as under:

- Control Room Building:** Finishing work in progress. Battery chargers, Battery Banks, LT Panels & DCDB have been tested and commissioned.
- 220 kV GIS Building:** Finishing work in progress. Erection work of LCCs of 220 kV GIS have been completed. EOT crane commissioned.
- Control & Power cabling between 33 kV GIS and C&R panels has been completed. Cabling work between 220 kV and GIS and C&R panels under progress.
- Transformer Erection:** Erection of all the three transformers is in progress. Oil filling in 1st and 2nd unit of power transformers has been completed. Delivery of 4th unit is awaited and expected by 30.9.2014.
- Work for 5 m and 3.5 m wide road completed. Erection of 220 kV and 33 kV gantry structures

completed. Erection of lightening mast completed.
Cable trenches work completed.

- **R**epresentative of M/S Kunchanjunga Pvt. Ltd apprised that their Baragaon (24 MW) is ready to generate but they are not able to achieve commercial operation due to non availability of evacuation arrangements. It was also informed that to avoid loss of generation, interim arrangements i.e. by employing 33 kV existing lines of HPSEBL to evacuate the power, are being worked out with HPSEBL.
- It was also apprised that for disposal of power beyond Phojal sub station in to 220 kV Prini-Nalagarh D/C line, discussions were held with M/S ADHPL on 18.7.2014 where issues of connectivity along with legal, commercial, operational and open access issues were discussed. It was also informed that in pursuance of discussions held on 18.7.2014, HPPTCL has approached Hon'ble Supreme Court for seeking interim connectivity to the 220 kV line of M/S ADHPL and the matter is listed for hearing in the Court.
- Committee directed that all the pending issues be settled on priority and interim arrangements being worked out by HPSEBL for evacuation of Baragaon power be completed on priority.

LILO of 220 kV Prini- Nalagarh Line (Revised Time Line-15.10.2014):

- a: Work on laying of foundations i/c protection work has been completed on 18 locations and is in progress on 6 locations. Seven towers

have been erected and work is in progress on erection of 7 more towers.

b: Tower material is expected to reach the site by 15.9.2014.

The Line shall now be completed by 15.10.2014.

4. Valley wise Transmission Plan for Palampur Zone, Satluj Basin (up to Wangtoo) and Ravi basin (Chamba & Gharola Zones):

i) Short term arrangements for evacuation of Small Hydel Power in Palampur Zone.

a 33 kV Baner- Darang- Kangra line.

b 33 kV Baijnath- Bassi line.

- Committee directed that the work for the above 33 kV lines be planned to meet the time line of 31.3.2015 without any slippage and in case of constraints in erection of line in certain patches, laying of cable may be explored.

ii) Evacuation arrangements for Small HEPs in Satluj Basin (up to Wangtoo):

a CTs for augmented 220/66 kV transformer have been replaced and power of Small HEPs is being evacuated smoothly..

b 66/22 kV sub-station work at Ani (Nagan) has been completed But LILO of 66 kV Gumma-Kumarsain line is delayed and shall now be completed by 31.12.2014.

iii) Evacuation arrangements for Small HEPs in Ravi Basin (Chamba & Gharola Zones)

a: 33 kV D/C lines between Holi and Gharola & Gharola and Bharmour under implementation by HPSEBL are progressing to meet the committed time lines i.e. 2014-15. Director (Operation), HPSEBL informed that commissioning of these 33 kV lines would not serve the purpose till the

33/220 kV Lahal sub station under implementation by HPPTCL is commissioned.

HPPTCL informed that bid evaluation process for Lahal sub station covered in Tranche-II loan of ADB is complete and the work shall be awarded after obtaining approval of BOD of HPPTCL.

Committee directed that work be awarded immediately and BOD approval be obtained Ex Post Facto, if no deviations, which require approval of BOD, are involved.

b **Construction of 33/220 kV GIS sub-station at Karian:**

- The substation work completed and 33 kV portion of the sub station commissioned on 3.9.2014.
- **220 kV S/C line on D/C Towers from Karian to Chamera pooling station (Revised Time Line-31.12.2014):**

Commissioning of line is further delayed as 18 out of 64 stubs were wrongly casted and these along with protection work need to be recasted. Plan for recasting is finalized and it is planned to be completed by 31.10.2014 and line is expected to be commissioned by **31.12.2014.**

- Principal Secretary (Power) took serious note of the casual and unprofessional attitude of the officers / officials under whose supervision such an important transmission link was allowed to be constructed with out prudent quality checks leading to further delay with unwarranted financial implications. HPPTCL was directed to initiate disciplinary action for negligence against all

the erring officers/officials and apprise the Committee in its next meeting.

- HPSEBL confirmed that LILO of 33 kV Gharola- Chamba line at Karian sub station is complete.

5. Restoration of 220 kV Kashang- Bhaba D/C Line (revised Time Line-31.12.2014)

- Committee was apprised that there is no further progress to report other than that reported in 36th meeting of Committee held on 4.7.2014 as the Contractor has stopped work for want of payments of his pending bills. One of the reasons for suspending the release of payments is non finalization of estimates/scheme by HPSEBL for the amount incurred by them on construction of 220 kV line.
- MD, HPSEBL assured to finalize the estimate at the earliest.
- It was informed that meeting with the Contractor was held on 22.8.2014 to discuss and suggest ways to complete the line. Subject to approval of cost estimate, the order is being placed to supply the material for the items which have been damaged due to falling of boulders/land slides which will be supplied by 25.9.2014. This has further led delay in restoration of the line. The line is now expected to be restored by 31.12.2014.

6. Progress Review of Transmission Projects planned to be built with ADB Loan- Tranche-II

i) 66 kV GIS Switching station at Urni and 66 kV Urni-Wangtoo D/C Line: (Time Line April, 2015)

a) 66 kV GIS Switching station at Urni:

- Work awarded on 7.6.2014.

- Site could not be taken over by the firm for want of mobilization advance. The matter is being pursued with ADB for release of mobilization advance.

b) 66 kV Urni-Wangtoo D/C Line:

- Price Bids opened on 23.8.2014 and are under process.
- FCA case submitted on 23.7.2014 and is with Regional Office Dehradun for Stage-I clearance.

ii) **33/220 kV, 50/63 MVA GIS sub-station at Lahal with 220 kV Lahal- Budhil S/C Line:**

a) 33/220 kV, 50/63 MVA GIS sub-station at Lahal (Time Line -Aug, 2015):

- FBER approved by ADB on 4.9.2014. Work to be awarded after getting approval from BOD.
- However, Committee directed to award the work immediately and obtain BOD approval Ex Post Facto if no deviations, where requirement approval of BOD, are involved.

b) 220 kV Lahal- Budhil S/C Line (Time Line-Aug, 2015):

- TBER sent to ADB for approval on 2.9.2014.
- MOEF has approved the FCA in favour of M/S JSW for transfer of 3.1715 Ha. The proposal has further been forwarded by the Nodal Officer to the Sr. Assistant Inspector General of forest, Govt. of India, MoEF (FC), New Delhi on dated 28.05.2014. Case is being pursued with MOEF for transfer of land.

iii) **132/220 kV, 2x100 MVA GIS sub-station at Sunda (Time Line-October, 2015):**

- NIT floated on 14.8.2014 and is scheduled for opening on 25.9.2014.

- Pvt. Land Payments to the land owners under Section 14 (4) of Land Acquisition Act has been made. The mutation has been done in the name of HPPTCL.

iv) 220 kV Sunda- Hatkoti D/C Line (Time Line-October, 2015):

- Certificates from all the village level FRA Committees has been obtained and case has been submitted to SDM, Rohroo on 16.8.2014.
- Financial Bids opened on 23.8.2014 and are under process of evaluation.

v) 220 kV Switching Station at Hatkoti (Time Line-October, 2015):

Committee was apprised that as per decision taken in the meeting of BOD of HPPTCL, rates have been invited from owners of Site No. 4, 5 and 6. Analysis for most suitable site is under process. Site has been short listed and shall be finalized in consultation with ADB.

vi) 33/132 kV, 2x25/31.5 MVA GIS sub-station at Chambi (Shahpur) with LILO of 132 kV Dehra- Kangra S/C Line (Time Line-February, 2016):

- NIT for sub station floated on 10.7.2014 and is due for opening on 18.9.2014.
- Survey completed and preparation of tender specifications for transmission line in progress.

vii) 33/132 kV, 2x25/31.5 MVA GIS sub-station at Barsaini (March, 2016):

- *Land Acquisition:* As per BOD decision, three sites have been identified and quotation for the same has been invited from the land owners.
- Revised Bid document approved by ADB.

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- vii) 132 kV D/C Line from Barsaini to 132/220 kV Charor Sub-station (Time Line April, 2016)
- FCA case is under process with DFO Parvati. FRA Committee constituted by DC Kullu.
 - Price Bid opened on 23.8.2014 and are in process of evaluation.
- ix) 132/220 kV, 126 MVA GIS sub-station at Charor (Time Line-May, 2016):
- Revised bid document sent to ADB for approval on 12.8.2014.
- x) 220 kV Charor- Banala D/C Line (April, 2016):
- *Forest Case:* Joint inspection completed and case is with Conservator Forest Kullu.
 - Price Bid opened on 23.8.2014 and is under evaluation.
- xi) 33/132 kV, 31.5 MVA GIS sub-station at Pandoh with LILO of 132 kV Bajaura- Kangoo line (Time Line- Feb, 2016):
- NIT floated on 22.7.2014 and is due for opening on 1.10.2014.

7. Construction of IPPs' lines by HPPTCL

- 132 kV D/C line from Tangnu Romai (44 MW) HEP to 132/220 kV GISS Sunda:
 - The process of obtaining FRA certificate from village level Forest right committees is in progress. The certificates 4 Village level Committees out of 8 have been obtained.
- 220 kV Snail (Sawra Kuddu HEP) - Hatkoti D/C line
 - The FCA case is with Regional Office Dehradun for Stage-I clearance.
 - Out of total 40 village level Committees (involved for 400 kV and 220 kV lines) NOC from 38 village level FR Committees have been obtained. NOCs from 2 village level FR

Committees are pending due to non constitution of Committees till date.

8. **Taking over of 132/33 kV, 50/63 MVA sub station at Kurthala (Tissa) (Distt. Chamba)**

- Representative of M/S TPTCL confirmed that that 132/33 kV sub station at Kurthala (Tissa) along with 132 kV Kurthala-Bathri line has been taken over by HPSEBL.

9. **Evacuation of power of Brahl Top (5 MW) SHEP in Distt. Kangra:**

Committee was informed that there are no issues involved in evacuation of power of Brahl Top HEP except augmentation of system beyond the interfacing point which has been separately taken up with the IPPs.

10. **Transmission System for supplying construction power and evacuation of power from Chhoo (3.5 MW) and Tindi (4.4 MW-proposed to be revised to 5 MW):**

- HPSEBL informed that planned system which could evacuate power of above SHEPs is 33 kV Thirot- Killar line and 66 kV Sissu –Palchan line.
- Representative of M/S L & T Power explained that 33 kV Thirot- Killar line is about 80 Kms long and evacuation through this line shall not be possible without incurring huge losses. He further requested for early finalization of evacuation arrangement as TEC for his project is held up for want of confirmed evacuation arrangement.
- Committee directed HPSEBL to call the developer of Chhoo and Tindi SHEPs and firm up the evacuation

arrangement on priority so that pending TEC for the projects can be processed.

11. **Grant of Connectivity at Sub Stations under implementation by HPPTCL:**

- Committee was apprised that HPSEBL is getting connected with 33/220 kV sub stations at Karian and Phojal for which HPPTCL has kept provision of 8 Nos. 3 kV bays each at these sub stations.
- As per approved procedure for Grant of Connectivity and Open Access in the Intrastate Transmission System, HPSEBL has to apply for grant of connectivity and also pay cost for bays and the O & M charges payable annually to HPPTCL.
- Committee directed HPSEBL to take immediate steps. HPSEBL assured the Committee to complete all the requirements as per the Procedure and report the compliance in its next meeting.

12. **Evacuation of Toss (10 MW), Jirah (4 MW) and Chakshi (2 MW) SHPs through 132 kV Malana-I –Bajaura D/C line of M/S MPCL:**

- Committee was apprised that power of above three projects is being evacuated through 132 kV Malana-I- Bajaura D/C line of M/S MPCL for which charges payable by HPSEBL to MPCL are pending for a long time. Representative of M/S MPCL informed that they have already submitted the bill to HPSEBL.
- Committee directed HPSEBL to release the pending amount to MPCL at the earliest.
- HPSEBL shall immediately call the meeting of MPCL and apprise the Committee in its next meeting.

13. **Evacuation arrangement for Rukti-II HEP (5 MW)**

- Committee was apprised that Rukti-II HEP (5 MW) has been commissioned and is currently evacuating its power at 22 kV level up to 22 kV yard of Rukti-I P.H of HPSEBL. There are frequent trippings in the 22 kV system beyond Rukti-I PH due to which power of Rukti-II PH can not be evacuated smoothly.
- In the earlier meetings of the Committee, it was decided that power of Rukti-II PH shall be evacuated through 66 kV Urni Switching station in joint mode with Shaung and Brua HEPs for which HPSEBL shall provide necessary 66 kV link beyond Rukti-I P.H.
- HPSEBL confirmed that they have planned 66/22 kV sub station at Rukti-I PH and a 66 kV line from Rukti-I to 66 kV Shaung P.H. The proposal has been posed for funding to MNRE under Green Energy Corridor Development Scheme which allocates funds with 40 % KfW loan, 40% NCES grant and 20% equity by GoHP.
- Committee directed HPSEBL to intimate the time line of commissioning of the proposed transmission project and also to work out mechanism for sharing of cost of the 66 kV line from Shaung to Urni constructed by the IPPs.

14. **Establishment of 220/132 kV sub station at Moginand (Devni)**

- Committee was apprised that a 400/220 kV, 2x315 MVA sub station (Interstate) is planned to be built at Kala Amb to facilitate H.P. to draw power for meeting the power demand in industrial area. The scope of sub station includes 220 kV feeder bays only and the system for drawal has to be provided by H.P.
- For interfacing with Interstate sub station, there is a proposal to set up 132/220 kV sub station at

Moginand (Devni) with 220 kV D/C line between Devni and Kala Amb.

- Committee approved the proposal to set up 132/220 kV Devni sub station with 220 kV Devni- Kala Amb D/C line.
- The matter may be discussed with HPSEB Limited as to who will undertake the work. The matter was discussed and the work will be executed by HPSEBL as no IPP is interfacing at this sub station and more over the power from the sub station would be exclusively drawn by HPSEBL. Accordingly, HPSEBL may take further necessary action to execute the work.

15. **Establishment of 132/33 kV sub station at Nagri by M/S SPML with 132 kV S/C Line up to 132/33 kV sub station Dehan of HPSEBL:**

- Committee was apprised that M/S SPML is constructing 132/33 kV sub station at Nagri and 132 kV S/C line between Nagri and 132/33 kV Dehan sub station (HPSEBL) for evacuation of Small HEPs. HPPTCL is also constructing 132/220 kV sub station at Drung Patti and 220 kV Drung Patti- 400/220 kV Hamirpur (PGCIL) D/C line for evacuation of power in Palampur Zone.
- In view of severe constraints on right of way, it is proposed to make 132 kV S/C line from Nagri to Dehan on D/C towers and take 2nd circuit from Dehan to Drung Patti on these towers.
- Committee approved the proposal and directed HPSEBL to further take up the matter with M/S SPML and apprise it in its next meeting.

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Next meeting of the Committee which was proposed to be held on 6.11.2014, shall now be held on 19.11.2014 at 3.00 P.M due to Gazatted holiday on 6.11.2014.

Meeting ended with a vote of thanks to the chair.

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Annexure-I

List of the Participants present in the 37th meeting of STU Co-ordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP on 6.9.2014 at Shimla.

HPPTCL

1. Sh. S.K. Sharda- Director (Planning & Contracts)
2. Sh. K.S. Attri- Director (Projects)
3. Sh. V. P. Singh- General Manager (C & D)
4. Sh. S.K. Sharma- Sr. Manager (Planning/IT)
5. Sh. A.S. Shandil- Sr. Manager (Contracts)

HPSEB Limited

1. Sh. P.C. Negi- Managing Director
2. Sh. J.P. Kalta- Director (Operation)
3. Sh. Rajender Bhasker- S.E (S.O. & P)

Energy Directorate

1. Sh. S.P. Gupta- Chief Engineer
2. Sh. P.K.S. Rohela- S.E.

Himurja

1. Kr. Bhanu Pratap Singh- Chief Executive Officer
2. Sh. K.L. Thakur- Director

HPPCL

1. Sh. B.S. Negi- DGM (Elect)

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HPPF

1. Sh. C.M. Walia- Secretary General

M/S Taranda Hydro Power

1. Sh. S.N. Kapur- Director

M/S Kunchanjunga Power (P) Ltd

1. Kr. Uday Pratap - Director
2. Sh. Ram Lal- L.O.

M/S Kapil Mohan & Associates (P) Ltd

1. Sh. Anil Sharma- AVP

M/S L & T Power Development Ltd

1. Sh. Gurinder Pal Singh- DGM
2. Sh. Rajinder Pirta- Project Coordinator
3. Sh. B. Bhattacharya- DGM
4. Sh. A.K. Pandey- DGM.
5. Sh. Parikshat Mehlotra- Consultant
6. Sh. Suresh Sharma- Manager

M/S Door Sanchar Hydro Power (P) Ltd

1. Sh. G.A. Naidu- Director
2. Sh. Rajiv-

M/S Brua Hydro Watts (P) Ltd

1. Sh. Anil Dogra- G.M.

M/S Darjeeling Power (P) Ltd

1. Sh. M.N. Ramachandran- Director
2. Sh. Deepak Bhandari- L.O.

M/S Fozal Power Private Limited

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1. Sh. Amit Chugh- Managing Director
2. Sh. Vikal Sharma- D.M

M/S ADHEPL

1. Sh. Sumit Garg- G.M
2. Sh. Rajesh Bhandari- Sr. G.M

M/S NSL Tangnu Romai Power Generation (P) Limited

1. Sh. Rohit Sharma- Assist. Manager –HR (Admn)