



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

NO. HPPTCL/STU-Vol-IV/2014- 933-49

Dated:- 24/5/14

To

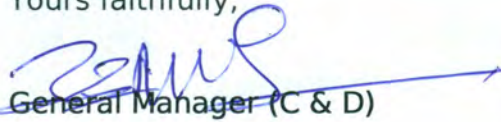
Managing Director,
HPSEB Limited,
Vidyut Bhawan, Kumar House,
Shimla-171004.

Subject: - 35th Meeting of STU Coordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP at Shimla on 12.5.2014 -Minutes of Meeting.

Sir:

Minutes of 35th meeting of STU Coordination Committee held on 12.5.2014 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. Sr. P.S. to Managing Director, HPPTCL, Barowalia House, Khalini, Shimla- 171002 for information of Managing Director please.
3. Director, Energy Directorate, Shanti Bhawan, Phase-III, Sector-VI, New Shimla-171009 for information and necessary action please.
4. Spl. Secretary (Power) to GoHP, Shimla-2 for information of Director (Projects) action please.
5. Sr. P.S. to Director (Projects), HPPTCL, Barowalias House, Khalini, Shimla-171002 for information of Director (Projects) please.

6. Sr. P.S. to Director (P & C), HPPTCL, Barowalias House, Khalini, Shimla-171002 for information of Director (P & C) 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. General Manager (C & D), HPPTCL, Barowalia House, Khalini, Shimla-171002 for information and necessary action please.
10. Chief Executive Officer, Himurja, Urja Bhawan, SDA Complex, Kasumpti, Shimla-171009 for information and necessary action please.
11. Superintending Engineer, HP Load Despatch Society, SLDC Complex, Totu, Shimla-11 for information and necessary action please.
12. 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.
13. 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.
14. 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 Himgiri Infrastructure Development (Pvt.) Ltd, Transport Nagar, Narwal, Jammu (J & K)-180006 (Fax No. 0191-2490122) for information and necessary action please.
16. 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.

17. 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.


General Manager (C & D)

**Summary Record of discussions in the 35th meeting of STU
Coordination Committee held on 12.5.2014 under the chairmanship
of Pr. Secretary (Power)**

The 35th meeting of STU Coordination Committee was held on 12.5.2014 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/2014-380-99 dated 24.4.2014. 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 Dhuangan

HEP:

Committee was apprised that:

- Contouring of 220 kV bay site completed.
- Excavation work of all 3 nos. 220 kV columns foundations, transformer foundations have been completed and Foundation work is in progress.

Though the given time line for commissioning of the sub station is September, 2014, Committee stressed that all out efforts should be made to advance the commissioning of sub station in the month of August, 2014. HPPTCL shall extend all the assistance that is required by the developer of Beaskund HEP to put the project on fast track.

HPPTCL was directed to interact with M/S AD Hydro for speedy resolution of all the pending issues between Developer of Beaskund HEP and M/S AD Hydro.

33 kV D/C Palchan-Prini line:

- *Forest Clearance*
- *Preliminary and detailed survey completed.*

- FCA case has been forwarded by Conservator Forests, Kullu to Nodal Officer, Shimla on 10.4.2014.
- Certificate by the FR Committees at Gram Sabha level under FRA has been issued and submitted to Sub division level Committee for considerations and further necessary action.

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 +LIL0 of 220 kV Kashang- Bhaba Line- (Time Line 31.7.2014)**

Committee was apprised that physical work on the sub station could be started after 15.4.2014. The progress of ongoing activities is as under:

22/66 kV portion- Revised time line-**31.7.2014.**

- *66 kV GIS Building-*
 - Concreting of columns above Corvel beam (1.5 mtr) completed.
 - shuttering, reinforcement, binding and concreting of upper beam completed.
- *220 kV GIS Building-*
 - No further progress other than that reported in 34th meeting held on 15.3.2014.
- *22 kV GIS Building-*
 - 1.6 mtr high shuttering, reinforcement binding and concreting of 22 kV lower bench raft retaining wall (10 mtr. In length) completed.
- *Control Room Building-*
 - No further progress other than that reported in 34th meeting held on 15.3.2014.
- *Sub Station Retaining Walls-*

- Excavation, Foundation PCC and 1.6 mtr high (8 mtr. In length) concreting of 8 mtr. High retaining wall completed in front of 66 kV building.
- Counter forts-
 - No further progress other than that reported in 34th meeting held on 15.3.2014.
- Transportation of transformers by employing Trailer on tricky curves was deliberated and it was decided that the issue shall be flagged for discussions with the Contractor.

66/220 kV portion-

Committee was apprised that experts from IIT, Roorkee have submitted the interim recommendations for stabilizing 220/66 kV portion of the sub station on 9.4.2014.

HPPTCL is working on the measures recommended by the experts for preparing specific designs for implementation of the remedial measures.

In view of implementation of extra remedial measures for stabilization of the site, commissioning of the 220/66 kV sub station shall slip beyond 2014

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.

- PTCC clearance obtained.
- Preliminary engineering design and drawing activities initiated by the firm. Layout finalization in progress.

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

- 60% material supplied which includes conductor, insulator, Hardware fittings, stubs, earthing material, nuts & bolts and tower material.
- FCA case submitted to MOEF Chandigarh office.
- Certificate of 7 Nos. Gram Sabhas has been obtained and certificate from remaining 11 Gram Sabhas is awaited.
- Out of 40 village level FR Committees (For 400 kV & 220 kV line), certificates from 24 Committees have been obtained and certificates from remaining 16 Committees shall be obtained after the Parliamentary Elections..

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.

- Work awarded on- **27.7.2013**. Preliminary engineering design and drawing activities initiated by the firm.
- Approval for Stage-I granted on 27.6.2013,
- Case is to be sent by APCC to MOEF for securing Stage-II approval which is pending for want of certificate from concerned DC under new guide lines issued by MOEF on 5.7.2013.
- Regarding constitution of Village level committee, under FRA, Committee at Katgaon has been constituted and at Yangapa and Kafnoo panchayats, Committee shall be constituted on 23.5.2014. HPPTCL shall pursue and ensure that Committees are constituted by the stipulated date.
- Committee directed that pace of work be expedited.

3. Construction of 33/220 kV GIS sub-station at Phojal in Naggar Valley (Time Line-31.5.2014):

33/220 kV, 100 MVA GIS sub station at Phojal:

Committee was apprised that:

- a: 95% of the site development work has been completed.
- b: Construction of approach road is in progress.
- c: **Control Room Building:** Finishing work and panel installation work in progress. Indoor cable trench completed.
- d: **220 kV GIS Building:** Finishing work in progress..
- e: **33 kV GIS Building:** Finishing work in progress.
- f: Transformer Foundation:- Main block works of all 4 transformers completed. Road cum rail track 27 m completed, 160 m is in progress. 3 Nos. fire walls completed and 1 No. in progress. Soak pit in progress.

It was apprised that 220 kV bay shall be ready by 25.6.2014 and 220/33 kV transformer shall be delivered by 30.6.2014. and accordingly sub station could now be completed by 31.7.2014.

Representative from Energy Directorate confirmed that 1st Phase of Baragaon (24 MW) shall be ready by 31.5.2014

Taking note of continued slippage in the completion of sub station which would lead to loss of substantial quantum of generation during peak season, Pr. Secretary (Power) directed that sub station be completed by 15.7.2014 under all the circumstances and monitoring of the progress be done by HPPTCL on weekly basis.

It was also agreed that for disposal of power beyond Phojal sub station in to 220 kV Prini-Nalagarh D/C line, HPPTCL shall initiate and convene Tripartite meeting between HPPTCL, M/S ADHPL and the developer of Baragaon HEP.

LILO of 220 kV Prini- Nalagarh Line:

- a: All the 23 tower locations have been handed over to the firm.
- b: Work for laying of foundations has been completed on 9 locations. Excavation on another 10 locations completed.

It was also apprised that pending tower material for LILO of one circuit of 220 kV Prini-Nalagarh D/C line is now being procured by M/S Hythro from another firm and the payment will be released by HPPTCL on the risk and cost of M/S Hythro. The first lot of tower material offered by the firm has been inspected on 28.4.2014 and sample of some material failed in the test. The other firm i.e. M/S M.J. Engineering Works is in the process of procuring right quality material.

In view of above limiting factors, Line could be completed by 31.7.2014. Pr. Secretary (Power) stressed that completion of the line be matched with commissioning of sub station i.e. by 15.7.2014.

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.

- Above 33 kV lines are progressing to meet the time line of **31.3.2015**.
- ii) **Evacuation arrangements for Small HEPs in Satluj Basin (up to Wangtoo)**
- a One 66/220 kV, 31.5 MVA transformer has been augmented on 5.5.2014. The 2nd 66/220 kV, 31.5 MVA transformer shall be augmented with in 10 days.
 - b Work for construction of 66/22 kV sub-station at Ani (Nagan) is in progress and shall be completed by 15.6.2014. LILO of 66 kV Gumma-Kumarsain line is delayed and shall now be completed by 15.7.2014.
- iii) **Evacuation arrangements for Small HEPs in Ravi Basin (Chamba & Gharola Zones)**
- a **33/220/400 kV GIS sub-station at Lahal and 220 kV Lahal- Budhil Line under implementation by HPPTCL.**
 - Tender opened on 5.2.2014. Technical Bid evaluation report submitted to ADB for approval on 10.4.2014.
 - NIT for 220 kV Lahal- Budhil line issued and date for opening scheduled on 21.4.2014 has been again extended to 15.5.2014 as no bid was received till 21.4.2014.
 - MOEF has approved the FCA in favour of M/S JSW for transfer of 3.1715 Ha land transfer of user agency case is under process.
 - b 33 kV D/C lines between Holi and Gharola & Gharola and Bharmour under implementation by HPSEBL are progressing to meet the time line of 2014-15.
 - c) Construction of 33/220 kV GIS sub-station at Karian:
 - The substation work completed and pre commissioning testing for substation accomplished.

- 220 kV S/C line on D/C Towers from Karian to Chamera is under execution. Work is in progress on all tower locations except tower No. 1. 60 out of 80 legs have been casted.
- Tower erection work has been started on 15.4.2014. One tower has been erected and erection of 2 Nos. towers in progress. There is slippage of one month in the completion of line. The line shall now be completed by 31.7.2014.
- HPSEBL confirmed that LILO of 33 kV Gharola-Chamba line at Karian sub station is in progress and shall be completed by 30.6.2014.

5. Restoration of 220 kV Kashang- Bhaba D/C Line

Restoration of line is in progress as under:

Tower No -1 Dismantling work completed and parts stacked. Erection shall be completed in June, 2014.

Tower No 2- Construction work of retaining wall completed.

Tower No 40 A: Crate work completed. Tower erection work completed.

Tower No 50 - Construction of breast wall work in progress.

Tower no 58 - Construction of retaining wall completed.

Tower No 61: Work for construction of retaining wall completed.

Tower No 74 – Construction of breast wall work in progress (5% completed).

Tower No 83- Tower re-erected in Feb, 2014 but again damaged on 6.3.2014 as heavy boulder fell on it resulting in bending of one leg and some members. The work for removal of debris and boulder has been started.

Tower No 84- Covering of stubs work completed.

Tower No. 86- Work of retaining wall in progress. 90% completed.

Tower No. 97- Construction of retaining wall (Leg B) completed.

Earth cutting work at Tower No. 38 (50%) Tower No 39 (100%), Tower No. 59 (100%) Tower No. 65 (30%), Tower No. 73 (70%), Tower No. 85 (completed) , Tower No. 89 (20%), Tower No. 98 (100%) for ground clearance is under progress.

The line shall be fully restored by 31.7.2014.

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:

- Price bid opened on 15.1.2014.
- Survey completed.
- Land acquired.
- FBER submitted to ADB for approval on 27.3.2014..

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

- Revised NIT issued on 7.12.2013 and bid opening date extended up to 21.4.2014 has been further extended to 15.5.2014 due to poor response.
- Village level FRCs is yet to be constituted.
- The committee directed HPPTCL to pursue the matter vigorously with district authorities.

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):

- Tender opened on 5.2.2014 and TBER submitted to ADB on 10.4.2014 for approval.

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

- NIT for 220 kV Lahal- Budhil line issued and date for opening extended to 21.4.2014 has been further extended to 15.5.2014 as no bid was received till 21.4.2014.
- MOEF has approved the FCA in favour of M/S JSW for transfer of 3.1715 Ha land. CCF (T) Chamba has forwarded the case to Nodal Officer Cum APCCF (FCA), Shimla on 10.2.2014 and observations raised by Nodal officer are being attended to.

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

- Acquisition of land through LAA is in progress. The award announced by LAO on 16.12.2013. Part payments to land owners under Section 17 (4) of the "Land Acquisition Act" have been made on 17.4.2014. Mutation has been done in the name of HPPTCL.
- Revised Bid document prepared and sent to ADB for approval on 10.4.2014.

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

- Detailed Survey completed. FCA case as per revised check list issued by MOEF on 21.1.2014 has been submitted to DFO Rohroo. The process of obtaining FRA as per new instructions is in progress.
- NIT issued on 19.2.2014 and date of opening on 9.4.2014 has been extended to 28.5.2014 as no bid was received.

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

Site No. 4 is already approved by BOD. After receiving representation from the owners of Site No. 6, M.D., HPPTCL visited the site on 43.4.2014 and the complete position shall be reported to BOD.

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

- Bid document has been submitted to ADB for approval on 29.4.2014.
- Preliminary survey conducted and submitted to Design Office..
- Sub station site at Govt. land was rejected by ADB. Pvt. Land selected and action for carrying out final survey initiated.
- Bid document under preparation and shall be sent to ADB for approval by 25.3.2014.

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

- ***Land Acquisition:*** Award has been submitted by LAO to Pr. Secretary (Power), GoHP through D.C Kullu on 28.12.2013. The case is under process.
- Forest case has been submitted. Joint inspection and site inspection has been completed. FRA certificate from Gram Sabha level Committee has been issued on 29.4.2014 and the same has been submitted to Sub division level Committee.
- Bid document under preparation.

- vii) **132 kV D/C Line from Barsaini to 132/220 kV Charor Sub-station (Time Line April, 2016)**
- FCA case prepared. Joint inspection is likely to be fixed by the end of March, 2014. Committee for FRA constituted by D.C Kullu.
 - NIT issued on 19.2.2014. Bid opening date on 9.4.2014 has been extended to 28.5.2014 as no bid was received on 9.4.2014.
- ix) **132/220 kV, 126 MVA GIS sub-station at Charor (Time Line- May, 2016):**
- *Land Acquisition:* Award has been approved by Pr. Secretary (Power), GoHP and issued by the LAO under section 10 of LAA.
 - Bid document prepared and has been sent to ADB for approval on 29.4.2014.
- x) **220 kV Charor- Banala D/C Line (April, 2016):**
- *Forest Case:* Detailed survey complete. Process of obtaining FRA as per new instructions is in progress.
 - NIT issued and was due for opening on 21.4.2014. Date is now being extended to 15.5.2014 as only one bid was received.
- xi) **33/132 kV, 31.5 MVA GIS sub-station at Pandoh with LILO of 132 kV Bajaura- Kangoo line (Time Line- Feb, 2016):**
- Transfer of land for the sub station from BBMB to HPPTCL in progress.
 - Revised Bid document prepared and sent to ADB for approval on 10.4.2014.

7. Construction of IPPs' lines by HPPTCL

- 132 kV D/C line from Tangnu Romai (44 MW) HEP to 132/220 kV GISS Sunda:
 - PTCC clearance obtained. Forest case has been submitted to DFO Rohroo as per the revised check list issued by MOEF on 21.1.2014.
- 220 kV Snail (Sawra Kuddu HEP) - Hatkoti D/C line
 - Committee noted that pace of work is not progressing as per the schedule and stressed that in view of non performance by the Contractor, rescinding of the awarded work may be considered.
 - Case for diversion of forest land was discussed in SAG meeting held on 6.8.2013 at Chandigarh. As advised in the meeting, in line with new instructions of MOEF, the process of obtaining certificate from committees is in progress. Out of 10 Gram Sabhas, 6 have given their consent.

8. Construction of 132/220 kV GIS sub station at Dehan and 220 kV Dehan- Hamirpur (PGCIL) D/C Line

- HPPTCL apprised the Committee that in view of delay in signing of loan documents for Tranche-II of \$ 350 Million ADB loan for which HPPTCL has now been given extension beyond 7.5.2014, time line for NIT of 132/220 kV Dehan sub station and 220 kV Dehan-Hamirpur D/C line can not be given which is covered under Tranche-III of the loan and is yet to be negotiated.
- In view of urgency of the sub station and the line, it was decided that option to explore alternative funds through MNRE or JICA may be examined and Committee be apprised in its next meeting.

9. Construction of 400/220 kV GIS ISTS sub station at Kala Amb (Distt. Sirmour)

- Committee was apprised that it is not feasible to draw power through 132 kV Giri- Abdullapur line for meeting the load demand of Giri/Paonta area as the line is partly owned by HVPNL and partly by HPSEBL and HVPNL has already charged this line at 66 kV for meeting the power requirements of their territory.
- It was decided that power for these areas shall be drawn from the planned 400/220 kV ISTS sub station which has now been awarded to PGCIL for implementation. Matching system for drawal from this sub station has already been planned by HPSEBL and shall be provided by them.

Next meeting of the Committee shall be held on 4.7.2014 at 3.00 P.M

Meeting ended with a vote of thanks to the chair.

Annexure-I

List of the Participants present in the 35th meeting of STU Co-ordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP on 12.5.2014 at Shimla.

HPPTCL

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|----|-----------------------|---------------------------------|
| 1. | Sh. S.L. Sharma- | Managing Director |
| 2. | Sh. R.K. Sharma- | Director (Projects) |
| 3. | Sh. S.K. Sharda- | Director (Planning & Contracts) |
| 4. | Sh. Vijai Dogra | General Manager (C & D) |
| 5. | Sh. Kaushlesh Kapoor- | D.G.M (Projects) |
| 6. | Sh. Harish Kapoor- | D.G.M. (Contracts) |
| 7. | Sh. S.K. Sharma- | Sr. Manager (Planning/IT) |

HPSEB Limited

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|----|-----------------------|-------------------------|
| 1. | Sh. P.C. Negi- | Managing Director |
| 2. | Sh. Suneel Grover- | Chief Engineer (SO & P) |
| 3. | Sh. Rajender Bhasker- | S.E (S.O. & P) |

Energy Directorate

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| 1. | Sh. P.K.S. Rohela- | S.E. |
|----|--------------------|------|

Himurja

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| 1. | Sh. K.L. Thakur- | XEN |
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M/S Taranda Hydro Power

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| 1. | Sh. S.N. Kapur- | Director |
|----|-----------------|----------|

M/S Kunchanjunga Power (P) Ltd

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|----|--------------------|----------|
| 1. | Kr. Uday Pratap - | Director |
| 2. | Sh. Pankaj Sharma- | L.O. |
| 3. | Sh. Ram Lal- | L.O. |