



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

NO. HPPTCL/STU-Vol-III/2012/- 1099-118

Dated:- 28/5/12

To

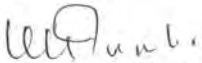
Chairman cum Managing Director,
HPSEB Limited,
Vidyut Bhawan, Kumar House,
Shimla-171004.

Subject: - 19th Meeting of STU Coordination Committee held under the chairmanship of Pr. Secretary (MPP & Power), GoHP at Shimla on 23.5.2012 at 12.00 NOON- Minutes of Meeting.

Sir:

Minutes of 19th meeting of STU Coordination Committee held on 23.5.2012 are enclosed for information and necessary action please. Minutes have also been uploaded on the official web site of HPPTCL i.e. www.hpptcl.gov.in.

Yours faithfully,


Director (Planning & Contracts)

Copy to:-

1. Sr. P.S. to Pr. Secretary (MPP & Power), GoHP, Shimla-171002 for information of Pr. Secretary please.
2. Managing Director, HPPTCL, Barowalia House, Khalini, Shimla-171002 for information 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 and necessary action please.
5. Director (Projects), HPPTCL, Barowalia House, Khalini, Shimla-171002 for information and necessary action please.

6. Director (Electrical), HPPCL, Himfed Bhawan, Panjari, Old MLA Quarters, Shimla-171005 for information and necessary action please.
7. General Manager (Planning & Contracts), HPPTCL, Barowalia House, Khalini, Shimla-171002 for information and necessary action please.
8. Chief Executive Officer, Himurja, Urja Bhawan, SDA Complex, Kasumpti, Shimla-171009 for information and necessary action please.
9. 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.
10. 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.
11. M/S NPCPL, House No. 4, Ward No. 1, Near Hotel T- Bud, Bandla Estate, Palampur-176061 (Fax No. 011-41435005) for information and necessary action please.
12. 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 .
13. M/S Sai Engg. Foundation, Sai Bhawan, Sector 4, New Shimla for information and necessary action please.
14. M/S Skyzen, Infrabuild Pvt. Ltd, A-304, Kailas Complex, Park Site, Veer Savarkar Marg, Vikhroli (West)Mumbai- 400079 (Fax: 022-39167180) for information and necessary action please.
15. M/S Jigrai Hydro Power Pvt. Ltd, Ist Floor, Sidharth, Brar Road, Solan (Fax 011-66306997) for information and necessary action please.
16. M/S Door Sanchar Hydro Power Private Limited, 1211, Sector-7, Panchkulla, Haryana-134109 (Fax: 0172-2576575) for information and necessary action please.
17. M/S Micro Hydro Electric Power Generation Pvt. Ltd, 11, Building City Center, New Road, Hamirpur (94180-28551) for information and necessary action please.

18. M/S Sahu Hydro Power Private Limited, 103, 8-2-293/82/W/103, Road No. 7D, Jubilee Hills, Hyderabad 500033 (Mob. 9418084888, / Fax No. 040-2355 6880) for information and necessary action please.
19. Secretary General, HPPF, Top Floor, Uttam Bhawan (near 103 Tunnel), Shimla-171004 (Ph: 0177-2810466) for information and necessary action please.



Director (Planning & Contracts)

Summary Record of discussions in the 19th meeting of the STU
Coordination Committee held on 23.5.2012 under the chairmanship of
Pr. Secretary (MPP & Power)

The 19th meeting of STU Coordination Committee was held on 23.5.2012 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-III/2012-853-71 dated 15.5.2012. The List of participants is as per Annexure-I. During the discussions, following decisions were taken/action noted:-

1. Construction of 220/66/22 kV (GIS) Sub station at Bhoktoo:-

- Committee is concerned that even after a period of one year of deciding the location of 22 kV breakers at Bhoktoo and fixing/reviewing the time lines for its installation, there is still a difference of opinion on the location where these breakers are to be installed i.e. at Bhoktoo or Spillo & Akpa which are being proposed by HPSEBL at this stage. HPPTCL and HPSEBL shall discuss and finalize the location for installation of breakers and apprise the committee in its next meeting.
- Since, HPSEBL is not able to meet the time lines (extended several times) for reimbursement of ₹ 18 Crore to HPPTCL for making provision of 66 kV level for HPSEBL at Bhoktoo, HPPTCL shall discuss the issue separately with HPSEBL for final settlement and apprise the committee in its next meeting.

2. Evacuation arrangement for Beaskund (9 MW) HEP:-

- Forest Clearance for 33 kV Palchan- Prini D/C line shall be obtained by 31.10.2012. Forest case is included in the list

of cases to be discussed in meeting under Chief Secretary in next 15 days.

- M.D., HPPTCL shall convene a meeting of the developer of Beaskund HEP and the M/S ADHPL to sort out the issues concerning construction of 33/220 kV sub station in the 220 kV yard of Allain Dhuangan HEP with in 10 days and apprise the Committee in its next meeting.
- HPSEBL shall ensure that all the necessary approvals from M/S ADHPL including 33 kV bay in the 33/220 kV sub station in the 220 kV yard of Allain Dhuangan HEP are obtained for providing 33 kV connectivity between 33 kV Prini sub station and 33/220 kV sub station in the AD Hydro switchyard matching with commissioning of 33/220 kV sub station in the 220 kV yard of Allain Dhuangan HEP.

3. Evacuation arrangement for Jirah HEP (4 MW) in Parvati valley: IPP

- Construction of 2nd circuit on the structures of 33 kV existing Barsaini- Malana-I line is complete except in 4 Kms patch. There is slippage of one month in commissioning of the line and the revised time line is 30.6.2012.

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

i) 66/220 kV, 31.5 MVA Pooling station at Bhoktoo +LILO of 220 kV Kashang- Bhaba Line- Revised COD- 31st October, 2013

- Contract agreement has been signed with the firm. There is slippage in COD of the project and the revised COD is 31st October, 2013 instead of 31st March, 2013 committed earlier.

- ii) 220/400 kV, 315 MVA P.S near Pragati Nagar+ LILO of both circuits of 400 kV Jhakri- Abdullapur D/C Line.-COD-30th June, 2013
- Land Acquired and work shall be awarded by 31.7.2012. Forest Clearance for 400 kV LILO line shall be obtained by October, 2012.
- iii) 220 kV D/C High Capacity Line from Hatkoti to 220/400 kV P.S near Pragati Nagar.-COD- 30th June, 2013
- Forest clearance shall be obtained by October, 2012.
 - Work shall be awarded by 31.7.2012.
- iv) 66/220 kV, 2x80/100 MVA+220/400 kV, 2x315 MVA P.S at Wangtoo+ LILO of 220 kV line and 400 kV connectivity COD-30th June, 2014.
- Committee was apprised that 400/220 kV portion of 400/220/66 kV Wangtoo sub station can be completed by April, 2015.
 - Forest Clearance shall be obtained by October, 2012.
5. Evacuation of power from Fozal HEP (11 MW) and other projects in Naggar valley:
- Forest Clearance for the 220 kV LILO line submitted to Forest Department. Work is in progress to meet the time line of 31.10.2013.
6. Construction of 66 kV Switchyard at Ghanvi-II HEP
- Work is in progress to meet the time line of 31.7.2012.
7. Valley wise Transmission Plan for Palampur Zone & Satluj Basin (up to Wangtoo)
- i) Review of the proposed 132/220 kV sub station at Dehan with 220 kV Dehan- Mattansidh D/C Line.

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Need for the sub station and the connecting 220 kV line has been discussed in the Presentation given by HPPTCL on 21.5.2012. Due to long gestation period of the Transmission Project, HPSEBL & HPPTCL shall evolve a short term arrangement and apprise the Committee in its next meeting.

ii) Augmentation of 66/220 kV Transformers at Kotla

HPSEBL shall place the order for augmentation of transformer (s) by 30.5.2012 and complete the augmentation by 30.11.2012.

iii) Construction of 66 kV Line between Nathpa and Wangtoo sub stations

Time line and funding arrangement for the construction of above mentioned 66 kV line shall be given by HPSEBL in next meeting of the Committee.

iv) Interim arrangements for evacuation of 11.5 MW of Small Hydel Power in Ani area

Himurja shall call a meeting of the IPPs and apprise the Committee about interim arrangements being made for evacuation of power.

v) Augmentation of 22 kV line between Chaba and Gumma

In view of the proposal to evacuate power of Small HEPs on the right bank of river Satluj at Pangna sub station, Himurja shall hold meeting with IPPs of the Small HEPs and firm up the evacuation arrangements. HPPTCL shall revise the interconnections points for these projects accordingly.

8. Evacuation of power of 4 SHEPs of M/S SPML

- Power of 4 Nos. Small HEPs of M/S SPML i.e. Awa (4.5 MW), Neugal (4.5 MW), Luni (4.5 MW) and Iku (4.5 MW) SHEPs can be evacuated by installing 3rd 132/33 kV,

31.5 MVA transformer at Dehan by the IPP as an interim arrangement which shall be dismantled after commissioning of regular evacuation arrangement i.e. 132 kV being built by the IPP. The arrangement shall be subject to condition that IPP shall back down its generation in the event of constraints.

9. Evacuation of power from Balarga (5 MW enhanced to 9 MW) & Jigrai (5 MW) HEPs in Parvati valley.

Committee took note of the continued absence of the developer of Bramganga in the meetings called by HPPTCL which is leading to delay in finalization of interim evacuation arrangements for Balarga and Jigrai HEPs. Committee directs that M.D, HPPTCL shall take necessary steps to convene the meeting of developers of Bramganga, Balarga and Jigrai HEPs at the earliest and apprise the Committee on the following two options for evacuation of Balarga and Jigrai SHPs :

- i) Evacuation through existing 33 kV Barsaini- Malana-I line by upgrading the conductor size and sorting out issues of sharing of losses and metering etc.
- ii) Evacuation through existing 33 kV Bramganga- Jari line.

Evacuation of power of Rukti-II (5 MW) HEP

- i) Power of Rukti-II HEP shall be evacuated through 220 kV Kashang- Bhaba line (charged at 22 kV) as an interim arrangement by providing 22 kV connectivity through suitable isolating mechanism by the IPP.
- ii) HPPTCL shall immediately examine the proposal to operate one circuit of 220 kV Kashang- Bhaba line at 220 kV and the other circuit at 22 kV in December, 2013 to facilitate evacuation of Kashang HEP (65 MW) through one circuit at 220 kV and the Small HEPs at 22 kV till 66

kV switching station at Urni along with 66 kV Urni-Wangtoo D/C line is commissioned.

- iii) HPSEBL shall study the adequacy of transformation capacity at 66/22 kV Nathpa sub station to handle injection of Shyang (3 MW), Tangling (3 MW), Shaung (3 MW), Brua (9 MW) and Rukti-II (5 MW) and take necessary steps.
- iv) In the long term arrangement, HPSEBL shall provide the 22 kV connectivity with Urni to evacuate Rukti-II power through Urni by using 66/22 kV transformer installed at Urni for evacuation of Shaung & Brua power.

11. Evacuation arrangements for Sainj HEP (100 MW) under implementation by HPPCL:

Matter regarding evacuation of Sainj HEP through LILO of 400 kV line between Parbati-II and III HEPs has been sorted out.

12. Interim arrangement for evacuation of Shaung HEP (3 MW)

- Shaung HEP (3 MW) shall evacuate its power by construction of 66 kV line (to be used for joint evacuation of Shaung (3 MW) and Brua (9 MW) HEPs) up to site of 66 kV Urni sub station and using 66/22 kV step down transformer to be spared by HPSEBL on mutually agreed terms and conditions. Further connectivity at 22 kV with 220 kV Kashang- Bhaba line (charged at 22 kV) shall be provided to Shaung and Brua HEPs.
- Specifications for 66 kV terminal bay equipment at Urni shall be got vetted from HPPTCL.

- HPPTCL & HPSEBL shall examine the proposed arrangements in Item 10 (ii) & (iii) above and apprise the Committee in its next meeting.

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

HPPTCL shall give time lines for Tranche-II projects in the next meeting of Committee.

14. Completion of 220 kV Kashang- Bhaba D/C Line

Work on 2 tower locations is in progress and line shall be completed by August, 2012.

15. Interim arrangements for evacuation of power of Surah (1.5 MW) and Swad (5 MW) HEPs

As an Interim arrangement till 33/132 kV Pandoh sub station is commissioned by HPPTCL,

- Surah HEP (1.5 MW) can be injected at 22 kV level in to Thunag sub station.
- Swad HEP (5 MW) can be injected at 33 kV level in to 33 kV Pandoh sub station.
- HPPTCL shall call a meeting of the developer of Patikari (16 MW) HEP and Swad HEP to facilitate joint evacuation of Patikari and Swad HEPs through existing 33 kV D/C line of Patikari HEP and apprise the Committee in its next meeting.

16. Construction of 33 kV Switching station at Maredi and 33 kV D/C line up to Karian

HPSEBL shall call meeting of the IPPs regarding construction of Maredi 33 kV switching station and connecting 33 kV line up to Karian and apprise the Committee in its next meeting.

17. Request for HPPF (Forum of the Hydro Power Producers) representative for nomination to STU Coordination Committee

It was decided that the Secretary General of HPPF shall be invited in all future meetings of the STU Coordination Committee.

Next meeting of the Committee shall be held on 29.6.2012 at 11.30 A.M.

List of the Participants present in the 19th meeting of STU Co-ordination Committee held under the chairmanship of Pr. Secretary (MPP & Power), GoHP on 23.5.2012 at Shimla.

HPPTCL

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|----|-------------------------|------------------------|
| 1. | Sh. H.S. Beshtoo- | Director (Projects) |
| 2. | Sh. Ashok Kumar Sharma- | G.M (C & D) |
| 3. | Sh. R.C. Kaundal- | DGM (Projects) |
| 4. | Sh. S. K. Sharma- | Sr. Manager (Planning) |
| 5. | Sh. R.C. Negi- | Dy. Manager (Planning) |

HPSEB Limited

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|----|-------------------|-----------------------|
| 1. | Sh. P.C. Negi- | Director (Operations) |
| 2. | Sh. A.R. Sharma- | SE (S.O. & P). |
| 3. | Sh. T.K. Kaushal- | XEN (S.O. & P) |

Himurja

- | | | |
|----|-------------------|--------------------|
| 1. | Sh. Harsh Mitter- | CEO |
| 2. | Sh. B.M. Sud- | Director |
| 2. | Sh. K.L. Thakur- | Executive Engineer |

Energy Directorate

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|----|--------------------|-------------------------|
| 1. | Sh. R. D. Nazeem- | Director |
| 2. | Sh. Subhash Gupta- | Chief Engineer |
| 2. | Sh. S.K. Kapila- | Superintending Engineer |

M/S Kapil Mohan & Associates Hydro Power Private Limited.

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|----|-----------------------|--------------------|
| 1. | Sh. Amit Modi- | M.D. |
| 2. | Sh. Anil Sharma- | A.V.P (Commercial) |
| 3. | Sh. Pushpinder Singh- | V.P. |

M/S S.P.M.L Energy

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|---------------------|----------------------|
| 1. Sh. S. Das- | C.G.M |
| 2. Sh. Vineet Jain- | Head, Hydro Projects |
| 3. Sh. L. Rahman- | G.M. (Power) |

M/S Fozal Power Pvt. Ltd

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| 1. Sh. C.K. Handa- | E.D. (Technical) |
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M/S Tissa Hydro Power

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| 1. Sh. S.N. Kapur- | M.D. |
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M/S Sandhya Hydro Power (Skyzen)

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| 1. Sh. Gautam Chopra- | G.M |
| 2. Sh. Rohit Sharma- | A.G.M |

M/S Door Sanchar HPPLtd

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| 1. Sh. Rajiv Batra- | Director |
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M/S Jigrai Hydro Power Pvt. Ltd

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| 1. Sh. Rajan Jain- | Director |
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M/S Sai Engineering Foundation

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| 1. Sh. Vinod Bisht- | G.M (E) |
|---------------------|---------|

M/S Darjeeling Power Pvt. Ltd

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| 1. Sh. Bhawin Sheth- | Director |
| 2. Sh. H.N. Ramachndran- | Director |
| 3. Sh. Deepak Bhandari- | Liason Officer |

M/S Micro Hydro Electric Power

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|----------------------|----------|
| 1. Sh. Atul Prakash- | Director |
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M/S Brua Hydro Watts (P) Ltd

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| 1. Sh. Anil Dogra- | G.M |
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M/S Sahu Hydro Power Private Limited

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| 1. Sh. K.G. Gupta- | Consultant |
|--------------------|------------|