



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

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

355-60

Dated:-

18/04/12

To

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

Subject: - 18th Meeting of STU Coordination Committee held under the chairmanship of Pr. Secretary (MPP & Power), GoHP at Shimla on 12.4.2012 –Minutes of Meeting.

Sir:

Minutes of 18th meeting of STU Coordination Committee held on 12.4.2012 under the chairmanship of Pr. Secretary (Power) are enclosed for information and necessary action please. The minutes have also been hosted on the official web site of HPPTCL i.e. www.hpptcl.gov.in. and can be downloaded.

Yours faithfully,

Director (Planning & Contracts)

Copy along with MOM 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 (C & D), 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 Fozal Power Pvt. Ltd, 1421-23 Ansal Tower, 38, Nehru Place, New Delhi-110019 (Fax No. 011-26281910) 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.



Director (Planning & Contracts)

Summary Record of discussions in the 18th meeting of the STU
Coordination Committee held on 12.4.2012 under the chairmanship of
Pr. Secretary (MPP & Power)

The 18th meeting of STU Coordination Committee was held on 12.4.2012 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-II/2012-94-108 dated 4.4.2012 and No. 225-26 dated 10.4.2012. 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 noted that 22 kV breakers and auto-reclosures have been procured and shall be installed by 30.4.2012 and 15.5.2012 respectively.
 - HPSEBL has arranged loan from REC to reimburse ₹ 18 Crore to HPPTCL on account of providing 66/22 kV sub station and 66 kV switchgear at 220/66/22 kV sub station at Bhoktoo and the amount shall be released by 15.4.2012.
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. HPPTCL shall prepare a list of all such cases which are being submitted to Forest Department. Regular meetings shall be held with Forest Department on monthly basis to ensure early Forest clearance and the 1st meeting with Forest Department shall be held in the last week of April, 2012.
 - Construction of 33/220 kV, 31.5 MVA sub station in the 220 kV yard of Allain Dhuangan HEP is not meeting the time line of 31st July, 2012. Revised time line is 31.8.2012.



- 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 and shall apprise the Committee in its next meeting.
3. Evacuation arrangement for Jirah HEP (4 MW) in Parvati valley:
IPP
- 33 kV line from Chakshi (2 MW) HEP to Barsaini shall form a part of 2nd circuit of 33 kV line between Barsaini and Malana-I and all the issues including metering of Chakshi power at the power house itself have been sorted out by HPSEBL. The line shall be completed by 31.5.2012.
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- COD- 31st March, 2013
 - Contract agreement has been signed with the firm.
 - 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.

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- 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 220 kV and 400 kV portions of the project shall be commissioned in different time frames i.e. June, 2014 and December, 2015 respectively. HPPTCL shall take all possible measures to commission the 400 kV sub station by April, 2015 and apprise the Committee in its next meeting.
 - Forest Clearance shall be obtained by October, 2012.
5. Evacuation of power from Fozal HEP (11 MW) and other projects in Naggur valley:
- Forest Clearance for the sub station is targeted in July, 2012 and case for line shall be included in the list of cases to be taken up with 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
- 66 kV switchyard at Ghanvi-II HEP can not be completed by 30th May, 2012. Revised time line is 31.7.2012.
7. Valley wise Transmission Plan for Palampur Zone & Satluj Basin (up to Wangtoo)
- i) Laying of 2nd circuit on 132 kV S/C line on D/C towers between Uhl-III and Bassi

HPSEBL requested for review of the arrangements for evacuation of power in Palampur Zone which were firmed up during the presentation given on 27.1.2012 and again on 17.3.2012. HPPTCL and HPSEBL shall study and report the findings in next meeting of the Committee.



- ii) Augmentation of 66/220 kV Transformers at Kotla
HPSEBL has obtained funds from REC and shall augment the transformer in 2012-13 time frame.
- iii) Augmentation of 66 kV Ghanvi-I- Kotla D/C Line
In view of proposed 66 kV line between Nathpa and 66/220/400 kV sub station at Wangtoo, augmentation of 66 kV Ghanvi-I- Kotla line is not required. HPSEBL shall give the time line and funding arrangement for providing 66 kV line between Nathpa and Wangtoo sub station in next meeting of the Committee.
- iv) Interim arrangements for evacuation of 11.5 MW of Small Hydel Power in Ani area
HPSEBL shall hold meeting with IPPs of the Small HEPs coming in 2012 for firming up interim arrangement for evacuation of their power and apprise the Committee in its next meeting.
- v) Augmentation of 22 kV line between Chaba and Gumma
HPSEBL shall hold meeting with IPPs of the Small HEPs for firming up augmentation of 22 kV line between Chaba and Gumma and apprise the Committee in its next meeting.
8. Evacuation of power of 4 SHEPs of M/S SPML
- There are no constraints to evacuate Iku-II (4.5 MW) SHP which is currently evacuating its power through 33 kV Baner- Dehan line in joint mode with Iku SHP of M/S Lanco.
 - Option given by M/S SPML to evacuate power of Neugal (4.5 MW), Luni (4.5 MW) and Awa (4.5 MW) SHEPs in joint mode with Neugal (15 MW) HEP of M/S Om Power shall be discussed in a meeting to be convened by



HPSEBL with the IPPs and Committee shall be apprised in its next meeting.

9. Evacuation of power from Balarga (5 MW enhanced to 9 MW)

Long term plan to evacuate Small Hydel potential in Parvati valley comprises of 33/132 kV sub station at Barsaini and 132 kV D/C line from Barsaini to 132/220 kV sub station at Charor with further connectivity at 220 kV level up to 400/220 kV Pooling station of PGCIL at Banala and HPPTCL will take a minimum of 3 years to commission the above evacuation arrangements. In view of proposed commissioning of Balarga HEP in 2013 time frame and another project Jigrai (5 MW) HEP in 2014 time frame, HPPTCL and HPSEBL shall examine the following interim arrangements and apprise the Committee in its next meeting:-

- 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.
- iii) If (i) and (ii) are not found feasible, construction of 132 kV Barsaini – Charor Line (Up to Malana-I in the first phase) (initially charged at 33 kV).

HPPTCL shall also take up with ADB the matter regarding transfer of 132 kV Barsaini sub station, 132 kV Barsaini- Charor line and 132/220 kV Charor sub station from Tranche-3 to Tranche-2.

10. Evacuation of power of Rukti-II (4.5 MW) HEP

HPSEBL withdrew their proposal to interface Rukti-II HEP with 220 kV Kashang- Bhaba D/C line (currently charged at 22 kV) as an interim arrangement. HPSEBL shall hold a meeting with the IPP to find out a solution for large fluctuations in voltage level at Rukti-II power house either by installing shunt reactors

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at the power house or augmentation of conductor of 22 kV line and apprise the committee in its next meeting.

11. It was also decided that:

- Since, Tranche-2 of ADB loan has been finalized and sent to ADB, progress and time lines of transmission projects covered in this Tranche shall also be reviewed in future meetings of the Committee.
- Action taken on the decisions taken during the presentations for valley wise transmission plans shall also be reviewed in future meetings of the Committee.

Next meeting of the Committee shall be held on 23.5.2012 at 12.00 NOON and the presentation for Ravi basin (Kurthala Zone) and Palampur Zone shall be given on 21.5.2012 at 12.00 NOON.

Meeting ended with a vote of thanks to the chair.



Annexure-I

List of the Participants present in the 18th meeting of STU Co-ordination Committee held under the chairmanship of Pr. Secretary (MPP & Power), GoHP on 12.4.2012 at Shimla.

HPPTCL

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|----|-------------------------|---------------------------------|
| 1. | Sh. V.K. Kaprate- | Director (Planning & Contracts) |
| 2. | Sh. H.S. Beshtoo- | Director (Projects) |
| 3. | Sh. Ashok Kumar Sharma- | G.M (C & D) |
| 4. | Sh. R.C. Kaundal- | DGM (Projects) |
| 5. | Sh. S. K. Sharma- | Sr. Manager (Planning) |
| 6. | 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) |

HPPCL

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|----|------------------|-----------------------|
| 1. | Sh. A.C. Sharma- | Director (Electrical) |
| 2. | Sh. B.S. Negi- | DGM (Electrical) |

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. S.K. Kapila- | Superintending Engineer |
| 2. | Sh. P.M. Nanda- | Executive Engineer |

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

1. Sh. Anil Sharma- V.P (Commercial)

M/S S.P.M.L Energy

1. Sh. Vineet Jain- Head, Hydro Projects
2. Sh. L. Rahman- G.M. (Power)

M/S Fozal Power Pvt. Ltd

1. Sh. C.K. Handa- E.D. (Technical)

M/S Tissa Hydro Power

1. Sh. S.N. Kapur- M.D.

M/S Sandhya Hydro Power (Skyzen)

1. Sh. Sukant Gupta- Director
2. Sh. Ashish- Director

M/S Door Sanchar HPPLtd

1. Sh. Dharmender Kumar- Dy. Manager (Operations)

M/S Jigrai Hydro Power Pvt. Ltd

1. Sh. Rajan Jain- Director

