



H.P. Power Transmission Corporation Limited  
(A State Govt. Undertaking)  
Himfed Bhawan, Panjari, Belo Old MLA Quarters,  
Shimla-171005

No. HPPTCL/STU-Vol-V/2018- 6154-81

Dated: 14.8.18

To


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

Subject: - 47<sup>th</sup> Meeting of STU Coordination Committee held under the chairmanship of Addl. Chief Secretary (Power), GoHP at Shimla.

Sir:

47<sup>th</sup> meeting of STU Coordination Committee was held under the chairmanship of Addl. Chief Secretary (Power) on 25.7.2018 in the Committee room of the H.P. Govt. Secretariat has been postponed. Minutes of meeting are enclosed for information and necessary action please. Minutes are available on the official website of HPPTCL i.e. [www.hpptcl.com](http://www.hpptcl.com).

Yours faithfully,


  
General Manager (Contract & Design)

Copy to:-

1. Sr. P.S. to Addl. Chief Secretary (Power), GoHP, Shimla-171002 for information of Addl. Chief. Secretary please.
2. Director, Energy Directorate, Shanti Bhawan, Phase-III, Sector-VI, New Shimla-171009 for information please.
3. Spl. Secretary (Power) to GoHP, Shimla-2 for information please.
4. Managing Director, HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information please.
5. Director (Planning & Contracts), HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information please.
6. Director (Projects), HPPTCL, Himfed Bhawan, Panjari, Below Old MLA Quarters, Shimla-171005 for information please.

7. Director (Electrical), HPPCL, Himfed Building, BCS, Shimla-171009 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.
15. M/S Sai Engg. Foundation, Sai Bhawan, Sector 4, New Shimla for information and necessary action please.
16. M/S Cosmos Hydro Power Private Limited, D-21, First Floor, Panchsheel Enclave, New Delhi-110017 for information and necessary action please.
17. M/S Brua Hydro watt Pvt. Ltd, Sai Bhawan, Sector-4, Shimla-171009 for information and necessary action please.
18. M/S Sahu Hydro Power Private Ltd., Registered Office at Opp. Ashamani & Rajneesh Hardware Shop, VPO Sarol, Tehsil & Distt. Chamba-176310 (HP) for information and necessary action please.
19. M/S Batot Hydro Power Limited, 26, Govind Mahal 86-B, NS Road, Marine Drive, Mumbai-400002, for information and necessary action please.
20. M/S Jalashakti Limited, House No. 135, Upper Julakari, Chamba-176310 for information and necessary action please.
21. M/S Belij Hydro Power Limited, 8-2-293/82/A/431/A, Road No. 22, jubilee Hills, Hyderabad, Telangana-500033 for information and necessary action. please.

22. M/S IA Energy, D-17, Lane-I, Sector-1, New Shimla-171009 for information and necessary action please.
23. M/S Greenko Hatkoti Energy Pvt. Ltd, Plot No. 1071, Road No. 44, Jubilee Hills, Hyderabad-500033 for information and necessary action please.
24. M/S DLI Power (India) Private Limited, House No. 16, H.P. Officers Colony (West End), Panthaghati, Shimla-171009 for information and necessary action.
25. M/S GMR Bajoli Holi Hydro Power Private limited, Airport Building, 302, New Udan Bhawan complex, Near terminal-3, IGI Airport New Delhi-1100037 for information and necessary action please.
26. M/S Darjeeling Power Limited, Empire House, 3<sup>rd</sup> Floor, Dr. D.N. Road, Fort Mumbai-400001 (Fax No. 0177-2645108) for information and necessary action please.
27. M/S Kiunr Hydro project, Village Dhanotu, P.O. Mahadev, Tehsil Sunder Nagar, Distt. Mandi-174402 for information and necessary action please.
28. M/S Jagdambay Hydro Projects LLP, Village Guganh, P.O. Sach, Distt. Chamba for information and necessary action please.

  
General Manager (Contracts & Design)

**Summary Record of discussions in the 47<sup>th</sup> meeting of STU  
Coordination Committee held on 25.7.2018 under the chairmanship  
of Addl. Chief Secretary (Power)**

The 47<sup>th</sup> meeting of STU Coordination Committee was held on 25.7.2018 under the chairmanship of Addl. Chief Secretary (Power) in the Committee room of H.P. Govt. Secretariat to discuss various agenda items circulated vide HPPTCL letter No. HPPTCL/STU-Vol-V/2018-4859-88 dated 20.7.2018. The List of participants is as per **Annexure-I**. During the discussions, following decisions were taken/action noted:

1. **Progress Review of Various Transmission Projects in different river basins under implementation by HPPTCL :-**

- Progress of various ongoing transmission projects was reviewed and after detailed deliberations, commissioning schedules of various transmission projects were projected by HPPTCL.
- The list of transmission projects along with commissioning dates is as per **Annexure-II**.

2. Action taken report on the problems listed in the 46<sup>th</sup> meeting of the Committee was presented:

i) **Solution to contain over voltage resulting in trippings being faced by generators connected with 220/66/22 kV substation Bhoktoo during the winters when over loaded:**

- M.D, HPPTCL apprised that HPPTCL has carried out system studies to evolve short term measures to control trippings during winters. Following measures have been identified:
  - Integrated operation of power system at 220 kV Baddi substation of HPSEBL.
  - Operation of generators at Bhaba power house of HPSEBL at leading power factor of 0.9.
  - Synchronous condenser operation of machines at Kashang power house of HPPCL.

These possible short term measures have other implications like impact on reliability, quantum of financial implications for preparing Kashang power house machines for synchronous condenser operation.

It was also apprised that further detailed studies are required to be done to find out a permanent solution to the problem.

ii) **Squeezing of commissioning schedule of 66 kV Urni-Wangtoo D/C line by March/April, 2019:**

- Committee was apprised that a detailed program to commission the line by March/April, 2019 has been worked out and it shall now be possible to commission the line by the committed date.

iii). **Completion of 66/220/400 kV Substation at Wangtoo in Distt. Kinnaur by December, 2018.**

- M.D, HPPTCL informed the Committee that issues/modalities for early commissioning of Wangtoo substation have been thrashed out with M/S L & T and on best efforts basis, it shall now be possible to make the station ready by January, 2019.
- HPPCL agreed to apply for long term open access to HPPTCL at the earliest for Kashang HEP.

iv) **Finalization of site for 66/220 kV substation at Heling:**

- Committee was apprised that the proposed site has been visited in the month of July and alternative protection works for sites are under examination.

v). **LTA Applications to be submitted by IPPs in Pabbar valley:**

- Committee was apprised that only one application in respect of Sawra Kuddu HEP has been received.

- Representative of M/S Jagdambey informed that IPPs in Dodra Kwar area shall be submitting the applications for connectivity and LTA shortly.

v). **Road connectivity for 400/220/33 kV Lahal substation:**

- The work for mitigating the road constraints to facilitate carriage of power transformers to site has been started and are likely to be completed by October-November, 2018 and as of now there are no further issues for ensuring road connectivity for Lahal substation.

3. **Interim Evacuation arrangement for Salun (9 MW) and Kuwarsi-II (15 MW) SHEPs:**

- HPSEBL gave a brief presentation on the interim evacuation arrangements for Salun and Kuwarsi-II HEPs. Power of these two projects shall be evacuated through 2<sup>nd</sup> 33 kV Holi-Gharola circuit which is under construction with WOLF conductor after completion of 33/220 kV Lahal substation. On the completion of Holi-II HEP (7 MW), Salun and Kuwarsi-II HEPs may have to back down.
- IPP's offer to augment the 2<sup>nd</sup> 33 kV Holi-Gharola circuit with AL59 conductor initially at his own cost but to be reimbursed to him after commissioning of Heling substation was not accepted. IPP was advised to rope in other IPPs, who shall use the 2<sup>nd</sup> 33 kV circuit after commissioning of Heling substation, for sharing the cost of augmentation.
- In view of evacuation constraints at Holi substation of HPSEBL, there is need to create alternative evacuation arrangement in the valley.
- ACS (Power) directed STU to call meetings of stake holders to resolve the issues being faced by the generators in all the valleys by evolving long term as well as interim evacuation plans.

4. **Grant of Long Term Open Access to Upper Nanti HEP (13.5 MW):**
  - The issues connected with grant of long term open access to Upper Nanti HEP still remains unresolved.
  - HPSEBL shall revisit the issue and STU shall call meeting of stake holders.
5. **Interim Evacuation arrangement for Gaj-III HEP:**
  - Gaj-III HEP has been granted connectivity at 33/132 kV Chambi substation of HPPTCL which is under construction. Till the commissioning of Chambi substation and its associated 132 kV line, power of Gaj-III HEP needs to be evacuated through 33 kV system of HPSEBL.
  - HPSEBL informed that Gaj-III power can not be evacuated through existing system with out constraints.
6. **Interim Evacuation arrangement for Kiunr HEP (5 MW) :**
  - Kiunr HEP has been granted connectivity at 33/220 kV Lahal substation of HPPTCL which is under construction. Interim connectivity has been provided by HPSEBL at 33 kV Gharola-Chamba line for winter months only. IPP has requested for connectivity during peak generation also.
  - HPSEBL shall call a meeting to consider the request of IPP.
7. **Construction of 33 kV D/C line from Janragla to Karian substation by the IPPs;**
  - Committee was apprised that IPPs have neither applied for connectivity to HPPTCL as agreed in 46<sup>th</sup> meeting of the Committee nor they have completed the 33 kV line from Jarangla to Karian and have not deposited the 33 kV bay charges with HPPTCL.
  - HPSEBL may consider disconnection of IPPs' D/C line at Jaranagla in the absence of connectivity application by the IPPs.

Meeting ended with a vote of thanks to and from the chair.

## Annexure-I

### List of the Participants present in the 47<sup>th</sup> meeting of STU Co-ordination Committee held under the chairmanship of Addl. Chief Secretary (Power), GoHP on 25.7.2018 at Shimla.

#### HPPTCL

- |    |                       |                                 |
|----|-----------------------|---------------------------------|
| 1. | Sh. R.K. Sharma-      | Managing Director               |
| 2. | Sh. K.S. Attri-       | Director (Planning & Contracts) |
| 3. | Sh. Rajesh Singh-     | Director (Projects)             |
| 4. | Sh. Kaushlesh Kapoor- | General Manager (C & D)         |
| 5. | Sh. Sandeep Sharma-   | AGM (Planning/IT)               |

#### HPSEB Limited

- |    |                    |                            |
|----|--------------------|----------------------------|
| 1. | Sh. J.P. Kalta-    | Managing Director          |
| 2. | Sh. B.M. Sud-      | Director (Technical)       |
| 3. | Sh. Rajiv Awasthi- | Chief Engineer (SP)        |
| 4. | Sh. Sanjeev Maria- | Dy. Chief Engineer (SP)    |
| 5. | Sh. M.L. Sharma-   | Addl. SE (System Planning) |

#### Energy Directorate

- |    |                          |          |
|----|--------------------------|----------|
| 1. | Mrs. Mansi Sahay Thakur- | Director |
| 2. | Sh. Anshul Sharma-       | Addl. SE |
| 3. | Sh. Deepak Dhiman-       | AE       |

#### HPPCL

- |    |                  |                 |
|----|------------------|-----------------|
| 1. | Sh. Udyan Ukhal- | GM (Electrical) |
| 2. | Sh. M.S. Thakur- | GM (CP)         |



**HIMURJA**

- |                        |           |
|------------------------|-----------|
| 1. Sh. K.L. Thakur-    | Director. |
| 2. Sh. Sanjeev Gautam- | Addl. SE  |

**M/S Cosmos Hydro Power Pvt. Ltd**

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|------------------------|----------|
| 1. Sh. Satish Chauhan- | DGM (PR) |
|------------------------|----------|

**M/S Sai Engineering Foundation**

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|------------------------|-------------|
| 1. Sh. H.S. Thakur-    | GM          |
| 2. Sh. Hemender Verma- | E.E         |
| 3. Sh. Bhushan Bramta- | Sr. Manager |

**M/S Astha Green Energy**

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

**M/S Bajoli Holi GMR:**

- |                     |     |
|---------------------|-----|
| 1. Sh. R.K. Rajput- | G.M |
|---------------------|-----|

**M/S Greenko**

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|----------------------|-----|
| 1. Sh. D.P. Reddy-   | G.M |
| 2. Sh. Vinod Thakur- | A.M |

**M/S Jala Shakti (P) Ltd**

- |                     |                |
|---------------------|----------------|
| 1. Sh. Mahashu Ram- | Liason Officer |
|---------------------|----------------|

**M/S Batot Hydro Power**

- |                           |                |
|---------------------------|----------------|
| 1. Sh. M.S. Srujan Kumar- | Liason Officer |
|---------------------------|----------------|

**M/S Balij Hydro Power**

- |                      |                |
|----------------------|----------------|
| 1. Sh. M. Bhaskaran- | Liason Officer |
|----------------------|----------------|

**M/S DLI Power (P) Ltd**

- |                      |  |
|----------------------|--|
| 1. Sh. Shyam Vaidya- |  |
| 2. Sh. V S V A Rao-  |  |

**M/S Jagdambey Hydro Projects LLP**

1. Sh. Rajesh Kumar Sharma- G.M

**M/S Dera Small Hydro Power Pvt. Ltd**

1. Sh. Gurdev- AGM

**M/S Sandhya Hydro Power Pvt. Ltd**

1. Sh. Jitender Kanwar- Consultant

**M/S Greenko Pvt. Ltd**

1. Sh. Dharam Pal Reddy- G.M

2. Sh. Vinod Thakur- Manager

**M/S Kangra Hydro Power Ventures Pvt Ltd**

1. Sh. Balasubramaniam- GM

**M/S Snow Dew Hydro Power Pvt Ltd**

1. Sh. R.P. Dhiman- CMD

## LIST OF PROBLEMS

1. To find out solution to contain voltage over shoots being faced by generators connected with 220/66/22 kV substation Bhoktoo during the period when Kashang HEP does not generate.
2. To compress the commissioning schedule for construction of 66 kV Urni-Wangtoo D/C line by March/April-2019.
3. To ensure completion of 66/220/400 kV Wangtoo substation by 31.12.2018 by intensifying the monitoring and get the damaged road repaired by PWD.