



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

NO. HPPTCL/STU-Vol-IV/2015- 7427-7450

Dated:- 19-02-2015

To

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

Subject: - 39th Meeting of STU Coordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP at Shimla on 29.1.2015 -Minutes of Meeting.

Sir:

Minutes of 39th meeting of STU Coordination Committee held on 29.1.2015 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, SCO 140-141, Sector-34 A, Chandigarh (UT) (Fax No. 0172-2602863) 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 Om Energy Generation Pvt. Ltd, 12 D, Race Course, Dehradun-248001 (Uttarakhand) for information and necessary action please.


General Manager (C & D)

**Summary Record of discussions in the 39th meeting of STU
Coordination Committee held on 29.1.2015 under the
chairmanship of Pr. Secretary (Power)**

The 39th meeting of STU Coordination Committee was held on 29.1.2015 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/2015 6430-52 dated 1.1.2015. 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:

- Work at site is still held up as project authorities of Allain Dhuangan HEP are yet to take a decision on the pending issues including connectivity.
- HPSEBL informed that they have held initial discussions with ADHPL regarding drawl of free power at Prini. HPSEBL informed that the final decision regarding drawl point at Prini will be taken shortly. ADHPL agreed to convey their approval for starting the work at Prini after finalization of drawl point.

33 kV D/C Palchan-Prini line:

- *Forest Clearance*
- FCA case was under process with MoEF Regional Office at Dehradun since 30.04.2014 and the same was being pursued. However, the recommendations of SAG committee are not accepted by the Regional office and the case has been received back on 28.01.15. The revised case with maximum ROW shall be prepared and re-submitted by the end of Feb. 2015.

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-31.5.2015.

Progress of ongoing works was reported as under:

220 kV GIS Building-

- Slope stabilization work for 220 KV Bench is in progress. 32 No. 20 m deep holes inserted with pipe and grouted with cement sand slurry. The protection work is with held w.e.f 16.12.14 as the contractor's workers have left the site on 16.12.14 due to snow fall and low temperature in the area.

- ***22 kV GIS Building-***

- -Ground floor Brick work (80%) & plaster work (30%) in progress. First floor RCC work of columns & Beams (85%), brick work (90%), Door & Windows (35%) are in progress.

The construction work has been stopped by the Contractor at site w.e.f. 10.01.15 due to snow fall and associated low temperature in the area.

- ***66 kV GIS Building:***

- Hard creet work in progress. Overall 85% completed.
- It was also apprised that assembly of 66/22 kV transformer is expected with in next 20 days. This is critical for evacuation of Shaung, Brua, Shyang and Tangling HEPs during interim period. It was also apprised that alternative route for cartage of this transformer only is open up to February end. Committee agreed that in view of critical nature of the work, short circuit test which could delay the work may be waived off after obtaining assurance

from the Contractor that transformer shall be ready for cartage before February end.

- Subject to above condition, 66/22 kV sub station can be completed in May, 2015.
- 66/220 kV portion which depends on the opening of Urni is expected to slip to the year 2016.
- Interim arrangements to evacuate power of Shaung (3 MW), Brua (9 MW) and Rala (9 MW) HEPs discussed in 38th meeting of the Committee were further taken up for deliberations.
- Director (Technical), HPSEBL informed that as per decision taken in 38th meeting of the Committee, meeting with the IPPs was fixed on 12.1.2015 but could not be held. In the mean time, cost estimate of 66 kV bay along with other equipment for terminating one circuit of 220 kV Kashang-Bhaba D/C line (to be charged at 66 kV) at 66 kV Nathpa sub station has been prepared and works out to ₹ 1.44 Crore. This cost has to be shared by the IPPs who shall inject their power in to Nathpa till their regular interfacing points allotted to them at Bhoktoo, Urni and Wangtoo sub stations of HPPTCL are commissioned.
- IPPs expressed reservations on the quantum of share to be borne by them particularly in view of interim nature of arrangement.
- Committee directed HPSEBL to immediately call a meeting of all the IPPs on 30.1.2015 and evolve such mechanism for sharing of cost so that IPPs are not burdened with exorbitant costs during interim period.

ii) 220/400 kV, 315 MVA GISS Pragati Nagar+ LILO of both circuits of 400 kV Jhakri- Abdullapur D/C Line.-COD-31st July, 2016.

- Construction of retaining wall is in progress (130 mtr. Raft concreting and 80 m. long 2.4 m. high retaining wall completed). The firm has started the material (CVT) supply.
- Sub station work has been delayed for settlement of private land dispute issue. Revised time line is July, 2016.

iii) 220 kV D/C High Capacity Line from Hatkoti to 220/400 kV GISS Pragati Nagar.

- Revised forest case for the diversion of forest land submitted to CF Shimla on 27.11.14 and is now in process with the office of Nodal officer cum Additional PCCF Shimla. Nodal officer has raised some observations, which are being attended. Meeting was held by DC Shimla on 20.1.2015 regarding issue of FRA certificate. The process of issuing FRA certificate by DC is pending.
- Negotiations with Pvt. Land owners are in progress.
- Time line -15 months after handing over of clear site.

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- February, 2017 and 400 kV portion-August, 2017.

- Land handed over to the Company on 23.01.15
- Action for shifting of 22 kV lines from the substation site has been initiated.
- There is slippage in the commissioning of the sub station. Revised Time lines are: 400/220 kV

Portion- Aug, 2017, 220/66 kV portion- Feb, 2017.

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-31.3.2015):

Committee was informed that there is a slippage in the commissioning of the sub station. Sub station shall now be completed by 28th Feb, 2015.

Progress of ongoing activities is as under:

- All the Major equipment and transformers (i/c spare transformer) have been erected. Some minor allied works are in progress and shall be completed shortly.
- Field testing of 33 kV GIS and all other equipment have been completed Field testing of 220 kV GIS and associated auxiliaries is under progress
- Committee was apprised that interim arrangement for evacuation of power of Baragaon HEP (24 MW) i.e. LILO of 33 kV Naggar- Bajaura line is complete except one span.

LILO of 220 kV Prini- Nalagarh Line (Revised Time Line-31.3.2015):

- a: Work on laying of foundations i/c protection work has been completed on all the 96 stubs. 15 towers have been erected. Erection work on three more towers is in progress. Sagging work of 1.308 km. out of total 6.8 km. completed and for 1.321 km is in progress.
- b: Delivery of Tower material of 5 No. towers (last lot) has been received on 19.01.15 with

shortages in each tower material which is being worked out to make up shortly.

There is further slippage in the completion of the line. The Line shall now be completed by **31.3.2015**.

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.**

The work is now covered in the Green Energy corridor scheme of Gol. The FRA case under process.

Time line for execution-**30.6.2015**.

b **33 kV Maranda- Nagrota- Kangra**

The work is now covered in the Green Energy corridor scheme of Gol. The FRA case under process.

Time line for Commissioning:-**30.6.2015**.

c **33 kV Baner-Sidhpur & Kangra**

The work is included in KfW loan. Tender opened on 20.7.2014 and under process.

Time line for execution- 30.6.2015.

d **33 kV Baijnath-Bassi line.**

Loan sanctioned by M/s REC

i) Tender for the line portion between Baijnath to Chauntra is under evaluation. The work will be awarded during Jan, 2015.

ii) CE(OP) CZ, Mandi has executed the work falling under their jurisdiction i.e. Bassi to Chauntra.

Time line for Commissioning-**31.03.2015**

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

a. 66/22 kV sub-station work at Ani (Nagan) has been completed and testing and commissioning scheduled in 1st week of Feb, 2015.

b. **LILO of 66 kV Guma-Kumarsain line:**

- Work awarded on Turnkey basis to M/s M.J. Engg. works, New Delhi.
- Land acquired for all 30 Nos. towers. Out of 30 Nos Towers stubbing of 27 Nos. towers is completed.
- The Tower material for 28 Nos. towers has been received at site till now. Erection of 20 Nos Towers completed.
- 2.8 Kms sagging completed.
- Revised time line **28.2.2015.**
- Committee directed HPSEBL to complete the line by Mid Feb, 2015.

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

a: i) **33 kV D/C line between Holi and Gharola:**

The Tender for execution of the work received and are under process.

Time line-30.4.2015.

ii) **33 kV D.C Line between Gharola and Bharmour:**

The work line has been awarded. All 58 Nos. structures erected and sagging in progress.

Time line-31.3.2015.

- Representative of M/S Om Energy, the developer of Holi-II HEP (7 MW) informed the committee that lease deed for their project has been done and project shall

be ready to generate in 2 years. The IPP has been granted connectivity by HPPTCL. The IPP requested HPPTCL and HPSEBL to provide matching evacuation arrangements for their project in case Lalal sub station does not come in time.

- Representative of Om Energy pointed out that in view of inadequate grid facilities in the valleys, running of projects in isolation mode to feed the local loads should be allowed.
- Committee directed Energy Directorate to take note of the suggestion on isolated operation of Small HEPs and consider making necessary changes in the Implementation Agreements.

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-30.6.2015):**
- 4 No. stubs re-casted & 2 No. new casted. (Total Stubs casted = 62)
- **Tower erection:** Total **6 No.** towers have been erected.

There is slippage in the completion of the line.

The line shall now be completed by 30.6.2015.

5. **Restoration of 220 kV Kashang- Bhaba D/C Line (revised Time Line-31.3.2015)**

Progress of the line was reported as under:

- Earth cutting work for maintaining necessary vertical & horizontal clearance is in progress.

- 25 No. Forest trees and 33 No Pvt. trees falling enroute of the line has been felled during Dec 2014 and January 2015.
- First lot of Tower Material required to complete the line i.e. to erect the towers and replacement of damaged parts (**without nuts and Bolts**) has arrived on 20.12.14, segregation of same is being done by the firm. Dispatch instruction for Nuts & Bolts issued on 22.01.15.
- Line is likely to be completed by **31st March 2015**
- HPSEBL apprised that Financial concurrence and work expenditure sanction has been obtained by circulation in BOD of HPSEBL. The same shall be conveyed to HPPTCL immediately.

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: (Revised Time Line Jan, 2016)

a) 66 kV GIS Switching station at Urni:

- Initial activities i.e. survey work, preliminary engineering design and drawing activities are in progress.

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

- Work awarded to M/S Karni Mata Construction Company Jodhpur on 17.01.15.
- Revised FCA case in accordance with fresh guide lines is being prepared and shall be submitted by 10th Feb. 2015.
- **Time Line** shall be 15 months after handing over of clear site.

ii) 33/220/400 kV, (33/220 kV, 50/63 MVA +220/400 kV, 2x315 MVA) GIS sub-station at Lahal with 220 kV Lahal-Budhil S/C Line:

a) 33/220/400 kV, (33/220 kV, 50/63 MVA + 220/400 kV, 2x315 MVA) GIS sub-station at Lahal (Time Line - 33/220 kV portion- Jan, 2017, 220/400 kV- Jan, 2018):

- Work awarded on 20.9.2014.

b) 220 kV Lahal- Budhil S/C Line:

- Revised Financial Bid evaluation Report sent to ADB for approval on 03.01.15. Negotiations with L-1 firm carried out on 17.01.15 and are under process of evaluation.
- Case for transfer of land is still in MoEF office at Delhi.
- Completion time – 15 months after handing over clear site

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

- Tender opened on 15.10.2014. TBER under process.

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

- Revised FCA case submitted on line on 31.12.14.
- ADB approval received. Approval of BOD for award is in process

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

Committee directed HPPTCL to finalize the site for the switching station at the earliest..

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):

- TBER is being sent to ADB for approval.

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

- Land Acquisition: Approval to purchase the Pvt. Land has been accorded in the 26th BOD meeting and the action to purchase the same has been initiated.

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. Enumeration of trees is under progress.
- FBER approved by ADB on 21.01.15.

ix) 132/220 kV, 126 MVA GIS sub-station at Charor (Time Line-May, 2016):

- Bid opening extended to 12.02.15.

x) 220 kV Charor- Banala D/C Line (April, 2016):

- *Forest Case*: FCA case with Nodal Officer Shimla. Observations raised by Nodal officer have been attended to and case resubmitted to Nodal officer.
- Work awarded to M/S RS Infra Projects Pvt. Ltd. Noida on 22.01.15.

xi) 33/132 kV, 31.5 MVA GIS sub-station at Pandoh with LILO of 132 kV Bajaura- Kangoo line (Time Line- Feb, 2016):

- TBER sent to ADB for approval on 14.01.15.
- Land has been vacated by HPSEBL. Matter is being pursued with BBMB for transfer of land to HPPTCL.

7. Construction of IPPs' lines by HPPTCL

• **132 kV D/C line from Tangnu Romai (44 MW) HEP to 132/220 kV GISS Sunda:**

- Revised FCA case submitted on line on 31.12.14.
- Funds for construction of the line approved under Green Energy Corridor scheme of Gol.

• **220 kV Snail (Sawra Kuddu HEP) - Hatkoti D/C line**

- Revised forest case for the diversion of forest land submitted to CF Shimla on

27.11.14 and is now in process in the office of Nodal officer cum Additional PCCF Shimla. Nodal officer has raised some observations, which are being attended.

- Meeting was held by DC Shimla on 20th Jan. regarding issue of FRA certificate. The process of issuing FRA certificate by DC is pending.
- Negotiations with Pvt. Land owners are in progress.

8. 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 currently there is no proposal to construct 90 Km long 33 kV Thiroth-Killar line which is technically as well as financially unviable. The estimates cost is running in to ₹ 70 Crore. Similarly, 66 kV D/C line with 66/33 kV sub stations at Thiroth and Killar is estimated to be constructed at a cost of ₹ 95 crore.
- In view of astronomical costs involved, Committee directed HPSEBL to drop the proposed construction of 33 kV and 66 kV lines and examine other options to evacuate power of Chhoo (3.5 MW) and Tindi (4.4 MW-rev. prop.-5 MW) HEPs.

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

- It was apprised that the issue of connectivity to be applied by HPSEBL to HPPTCL was discussed in the meeting held on 08.01.2015 in the Chamber of Managing Director, HPSEBL, wherein HPSEBL has agreed to apply for connectivity at locations where

there are chances of injection of power by HPSEBL in the system of HPPTCL.

10. **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:**

HPSEBL apprised the Committee that:

- Issues regarding payment of wheeling charges by HPSEBL to MPCL for evacuation of Toss, Jirah and Chakshi HEPs over 132 kV Malana-Bajaura line have been resolved in a meeting between HPSEBL and MPCL. The copy of audited cost of 132 kV Malana- Bajaura line including terminal bays at Malana and Bajaura is being supplied by HPSEBL to MPCL.

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

- HPSEBL informed the committee that there are serious commercial implications on HPSEBL in terms of wheeling charges payable to HPPTCL and other agencies, if HPSEBL opts to evacuate power of Rukti-II HEP in joint mode with Shaung and Brua HEPs at 66 kV level up to 66 kV switching station of HPPTCL under construction at Urni. However, in view of existing constraints being experienced in evacuation of Rukti-II power at 22 kV level beyond Rukti-I HEP, other options in terms of strengthening of Sangla-Karcham segment are being explored.
- Committee directed HPSEBL to call meeting of developers of Rukti-II, Shaung & Brua HEPs to find out a possible solution to evacuation constraints faced by Rukti-II HEP.

12. **Four laning of Kiratpur to Ner Chowk Section of NH-21 from 73.200 to Km 186.500 in the state of Punjab and Himachal Pradesh. Shifting of Transmission Tower constructed by AD Hydro Power Ltd. Near village Jadol thereof:**

- Committee was apprised that in pursuance of decision taken in 38th meeting of the Committee held on 19.11.2014, HPPTCL has vetted the cost estimate submitted by ADHPL to NHAI.
- NHAI has raised certain observations and sought more details of the estimated cost.
- It was agreed that representative of NHAI may visit HPPTCL on any working day and collect whatever details they are seeking.

Next meeting of the Committee shall be held on 20.3.2015.

Meeting ended with a vote of thanks to the chair.

Annexure-I

List of the Participants present in the 39th meeting of STU Co-ordination Committee held under the chairmanship of Pr. Secretary (Power), GoHP on 29.1.2015 at Shimla.

HPPTCL

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|----|-----------------------|---------------------------------|
| 1. | Sh. S.L. Sharma- | Managing Director |
| 2. | Sh. S.K. Sharda- | Director (Planning & Contracts) |
| 3. | Sh. K.S. Attri- | Director (Projects) |
| 4. | Sh. V. P. Singh- | General Manager (C & D) |
| 5. | Sh. Kaushlesh Kapoor- | DGM (Projects) |
| 6. | Sh. Harish Kapoor- | DGM (Contracts) |
| 7. | Sh. S.K. Sharma- | Sr. Manager (Planning/IT) |
| 8. | Sh. Kushal Chandel- | Dy. Manager (Planning) |

HPSEB Limited

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|----|-----------------------|----------------------|
| 1. | Sh. P.C. Negi- | Managing Director |
| 2. | Sh. R.K. Sharma- | Director (Technical) |
| 3. | Sh. Rajender Bhasker- | S.E (S.O. & P) |

Energy Directorate

- | | | |
|----|--------------------|----------------|
| 1. | Sh. S.P. Gupta- | Chief Engineer |
| 2. | Sh. S.K. Bhardwaj- | Sr. XEN (C) |

HPPE

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

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

M/S Taranda Hydro Power

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

M/S Kunchanjunga Power (P) Ltd

1. Sh. Manoj Kumar- Manager.
2. Sh. Ram Lal- L.O.

M/S Door Sanchar Hydro Power (P) Ltd

1. Sh. G.Rajiv- Manager
2. Sh. S. Balasubramanium- Asst. Manager

M/S Brua Hydro Watts (P) Ltd

1. Sh. Anil Dogra- G.M.

M/S Darjeeling Power (P) Ltd

1. Sh. Rohit Sharma- G.M
2. Sh. Deepak Bhandari- L.O.

M/S Fozal Power Private Limited

1. Sh. G.D. Gupta- Sr. Vice President
2. Sh. Rajesh Parihar- AGM.

M/S NSL Power

1. Sh. Rohit Sharma-

M/S Om Energy Generation Pvt. Ltd

1. Sh. Dalip Dua- Director
2. Sh. Piyush K. Singh- DGM

National Highway Authority of India

1. Sh. Y.A. Rawat- Manager (Technical).
2. Sh. Prem Prakash Negi-

M/S MPCL

1. Sh. Pradeep Sharma- Dy. Manager