

Agenda for discussions in the 37th meeting of the STU Coordination Committee to be held under the chairmanship of Pr. Secretary (MPP & Power)

1. **Evacuation arrangement for Beaskund HEP (9 MW) & other SHPs in Palchan valley:-**
 - a) **33/220 kV, 31.5 MVA sub station in the yard of Allain Dhuangan HEP (Time Line-30.9.2014):**
 - In its 36th meeting held on 4.7.2014, Committee was apprised that Layout has been finalized and tenders of 220 kV Circuit Breaker and C & R panels were scheduled to be opened on 16.7.2014 and the order would be placed within 10 days after opening of tenders. It was also apprised that the space as per layout for the Control Room would be made available when material stored at site is removed by M/S AD Hydro. HPPTCL may update the Committee on the progress made.
 - b) **33 kV D/C Palchan-Prini line:**
 - *Forest Case:* In the last meeting of Committee held on 4.7.2014, it was apprised that :
 - A fresh Notification issued by MOEF on 5.5.2014 has further complicated the process of obtaining forest Clearance and the Committee had directed that matter be immediately taken up with HP Forest Department and CEA to seek their help in resolving/mitigation of the difficulties that will arise with implementation of the forest clearance case already submitted.
HPPTCL may update the Committee.
2. **Construction of 4 Nos. Transmission Projects to be built by HPPTCL with Financial assistance by ADB (Tranche-I): -**

Progress review of 4 Nos. Transmission Projects being built by HPPTCL with financial assistance by ADB:

i) 22/66/220 kV, (22/66 kV, 2x10 MVA+66/220 kV, 31.5 MVA) Pooling station at Bhoktoo +LILO of one circuit of 220 kV Kashang- Bhaba Line-

22/66 kV portion- Revised time line-31.8.2014.

- In its 36th meeting of the Committee, it was apprised that there is slippage of one month in the commissioning of 66/22 kV portion. Revised time line for the commissioning of the 66/22 kV portion was given as 31.8.2014 that too subject to the availability of the Road connectivity beyond Urni in light of the continuing landslides on the main road.

HPPTCL may update the Committee.

66/220 kV portion- Revised Time Line-31.3.2015.

- Progress on implementation of remedial measures suggested by the expert for stabilization of the site.
- In its 36th meeting held on 4.7.2014, it was apprised that transportation of 66/220 kV transformer is a matter of concern as the trailer can not ply on tricky curves and site assembly is not possible. Committee had directed HPPTCL to work out a feasible option in consultation with other agencies which are executing works in the valley.

HPPTCL may update the Committee.

ii) 220/400 kV, 315 MVA P.S near Pragati Nagar+ LILLO of both circuits of 400 kV Jhakri- Abdullapur D/C Line.- COD-30th June, 2015. :-

In the 36th meeting of the Committee held on 4.7.2014, progress of this ongoing work was reported as under:

- Preliminary engineering design and drawing activities initiated by the firm. Layout finalized. Soil investigation work in progress.
- Committee had advised that matter regarding approach road to site through Pvt. Land be finalized immediately

HPPTCL may update the Committee.

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

In the last meeting of Committee held on 4.7.2014, it was apprised that:

- 66% material stood supplied which included conductor, insulators, Hardware fittings, stubs, earthing material, nuts & bolts and tower material.
- FCA case stands submitted to MOEF Chandigarh office and out of 40 village level FR Committees (For 400 kV & 220 kV line), NOCs from 33 village level FR Committees have been obtained and NOCs from remaining 7 Committees are pending due to non constitution of committees till date.

HPPTCL may update the Committee.

- iv) 66/220 kV, 2x80/100 MVA+220/400 kV, 2x315 MVA P.S at Wangtoo+ LILO of both circuits of 220 kV and 400 kV Lines COD- 220 kV portion – 31st October, 2015 and 400 kV portion-30th April, 2016:- .

In the last meeting of Committee held on 4.7.2014, it was apprised that:

- Village level committee under FRA at all the three panchayats i.e. Katgaon, Kafnoo and Yangpa had been constituted but, the NOCs had not been issued by these committees.. The Katgaon Panchayat had fixed meeting of Gram Sabha committees on 23.07.2014 regarding issuing of NOC under FRA and the matter was being taken by the field units regularly with these FR committees to issue NOC under FRA.
- It was informed during the meeting that there is adequate land available nearby with M/S JP Company. HPPTCL was directed to take up the matter regarding transfer of this land.

HPPPTCL may update the Committee.

3. Construction of 33/220 kV GIS Sub Station at Phojal in Naggar Valley in Distt. Kullu (Time Line -15.8.2014)

In the 36th meeting of the Committee held on 4.7.2014, it was apprised that:

- a: 97% of the site development work had been completed.
- b: **Control Room Building:** Panel installation work completed. *220 V & 48 V battery bank & battery chargers, LT panels and DCDB installed.*
- d: **220 kV GIS Building:** Finishing work in progress..
- e: **33 kV GIS Building:** Finishing work in progress. 33 kV GIS installed.

It was also apprised that 1st unit of 220/33 kV transformer had reached site on 27.6.2014 and 2nd and 3^d unit shall reach by 31.7.2014.

Committee had directed that under no circumstances slippage in commissioning of sub station shall be allowed beyond 15.8.2014.

It was also apprised that for disposal of power beyond Phojal sub station in to 220 kV Prini-Nalagarh D/C line, HPPTCL had invited Developers of Allain Dhuangan HEP and Baragaon HEP for Tripartite meeting but meeting had to be postponed due to unavailability of representative of M/S AD Hydro and next meeting is proposed in 3rd week of July. Committee shall be apprised of the discussions in its next meeting.

.HPPTCL may update the Committee.

LILO of 220 kV Prini- Nalagarh Line:

In the 36th meeting of the Committee held on 4.7.2014, it was reported that:

- a: Stubs of 19 nos. legs at other 11 No. tower locations completed. The tender for trees felling had been finalised by the Himachal State Forest Corporation Ltd.
- b: First lot of Tower material for 6 Nos. X type towers from M/S M.J. Engineering had been received on 20.06.2014.

HPPTCL may update the status of completion of the line by the committed date i.e. 15.8.2014.

4. Valley wise transmission Plan for Palampur Zone, Satluj Basin (up to Wangtoo) and Ravi basin (Chamba & Gharola Zones)

Committee shall be apprised on the following:

- i) **Short term arrangements for evacuation of Small Hydel power in Palampur Zone :**

Activity wise progress review of following works:
33 kV Baner- Darang- Kangra line.-**Revised Time Line-
31.3. 2015**

33 kV Baijnath- Bassi line.-**Revised Time Line- 31.3.
2015.**

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

In the 36th meeting of the Committee, it was apprised that:

a: One 66/220 kV, 31.5 MVA transformer had been augmented on 5.5.2014 but the CTs were to be replaced because of which, IPPs were being asked to back down their generation. Committee had directed HPSEBL that CTs be replaced by 20.7.2014 and compliance be ensured.

HPSEBL may update the Committee.

b: 66/22 kV sub-station work at Ani (Nagan) had been completed but LILO of 66 kV Gumma-Kumarsain line is delayed and would be completed by 30.8.2014

HPSEBL may update the Committee.

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

In the 36th meeting of the Committee held on 4.7.2014, progress of following works was reported as under:

- 33/220 kV GIS sub station at Lahal with 220 kV Lahal- Budhil Line (Tranche-II of ADB Loan)-
Time Line-2015-16.

- Price bid opened on 18.6.2014. Financial Bid evaluation under process.
- MOEF had approved the FCA in favour of M/S JSW for transfer of 3.1715 Ha. The proposal had further been forwarded by the Nodal Officer to the Sr. Assistant Inspector General of forest, Govt. of India, MoEF (FC), New Delhi on dated 28.05.2014

HPPTCL may update the Committee.

- 33 kV D/C lines between Holi & Gharola and Gharola and Bharmour. **Time Line-2014-15.**

HPSEBL may update the Committee by giving activity wise time lines.

- 33/220 kV GIS sub station at Karian with 220 kV S/C line on D/C towers between Karian and 400/220 kV Chamera P.S of PGCIL.

- The substation work completed and pre commissioning testing for substation accomplished.

- Out of 20 towers, two have been erected and erection of 3rd tower is in progress. There is slippage of two months in the completion of line. The line would be completed by **30.9.2014.**

HPPTCL may update the Committee.

- LILO of 33 kV Gharola- Chamba line at Karian sub station.

HPSEBL may update the Committee.

5. **Construction of 220 kV Kashang- Bhaba D/C Line:**

In the 36th meeting of the Committee held on 4.7.2014, progress of restoration of 220 kV Kashang- Bhaba line was reported as under:

Tower No -1 Dismantling work completed and parts stacked. Widening of NH -22 above tower No. 1 is in progress. Tower will be erected after the widening work is over.

Tower No 12- Construction of retaining wall work awarded on 5th June, 2014.

Tower No 50 - 80% breast wall work in progress.

Tower No 74 – Construction of breast wall work in progress (35% completed)

Tower No 84- Covering of stubs work (95%) completed.

Tower No. 86- Work of retaining wall completed.

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

There is slippage in restoration of the line. The line is expected to be restored by 30.9.2014.

HPPTCL may update the Committee.

6. **Progress review of Transmission Projects planned to be built with ADB Loan –Tranche-II:**

In 36th meeting of the Committee held on 4.7.2014, status/progress of various transmission projects covered in Tranche-II of ADB Loan was given as under:

- **66 kV GIS Switching station at Urni (Time Line- April, 2015) :**
 - Work awarded on 7.6.2014.

- **66 kV Urni- Wangtoo D/C Line** (Time Line- April, 2015):
 - Bids opened on 16.5.2014. TBER under process.
 - Both Urni & Chagaon Panchayats had constituted village level FR committees on 12.6.14 and in the last week of June 2014. NOCs awaited.
- **33/220 kV, 50/63 MVA GIS sub-station at Lahal** (Time Line-August, 2015)
 - Price bid opened on 18.6.2014. Financial Bid evaluation under process.
- **220 kV Lahal- Budhil S/C Line** (Time Line-August, 2015).
 - Bids opened on 16.5.2014. TBER under process.
 - MOEF had approved the FCA in favour of M/S JSW for transfer of 3.1715 Ha. The proposal had further been forwarded by the Nodal Officer to the Sr. Assistant Inspector General of forest, Govt. of India, MoEF (FC), New Delhi on dated 28.05.2014
- **132/220 kV, 2x100 MVA GIS sub-station at Sunda** (Time Line-October, 2015)
 - Revised Bid document had been approved by ADB. NIT would be issued in 2nd week of July, 2014.
- **220 kV Sunda- Hatkoti D/C Line** (Time Line-October, 2015).
 - Detailed Survey completed. The certificates regarding Non-availability of Non Forest area for R.O.W. and CA had been obtained from DC Shimla.
 - Bids opened on 16.5.2014. TBER under process.

- **220 kV Switching Station at Hatkoti (Time Line-October, 2015).**
 - Committee was apprised that as per decision taken in the meeting of BOD of HPPTCL, rates shall be invited from owners of Site No. 4, 5 and 6 and negotiations shall be done accordingly.
- **33/132 kV, 2x25/31.5 MVA GIS sub-station at Chambi (Shahpur) with LILO of 132 kV Dehra- Kangra S/C Line (Time Line-February, 2016).**
 - Bid document had been approved by ADB.
 - Final survey for line initiated.
- **33/132 kV, 2x25/31.5 MVA GIS sub-station at Barsaini (Time Line-March, 2016).**
 - *Land Acquisition:* Pvt. land was being purchased through negotiation. Rates of land had been negotiated with land owners, Registration of land would be taken up after de-notification of land.
 - Revised Bid document sent to ADB on 26.6.2014 for approval.
- **132 kV D/C Line from Barsaini to 132/220 kV Charor Sub-station (Time Line- April, 2016).**
 - FCA case was under process with DFO Parvati. Committee under FRA constituted by DC Kullu.
 - Bid opened on 25.6.2014. TBER under process.
- **132/220 kV, 126 MVS GIS sub-station at Charor (Time Line-May, 2016).**
 - *Land Acquisition:* Payments to the land owners under “Land Acquisition Act” amounting to ₹

3,11,94,228/- out of ₹ 5,76,73,884/- had been made on 6th June 2014..

- Revised bid document would be sent to ADB for approval by 15.7.2014.
- **220 kV Charor- Banala D/C Line (Time Line-April, 2016).**
 - *Forest Case*: Detailed survey complete. Process of obtaining FRA as per new instructions was in progress.
 - Bid opened on 16.5.2014. TBER under process.
- **33/132 kV, 31.5 MVA GIS sub-station at Pandoh with LILO of 132 kV Bajaura- Kangoo line (Time Line- Feb, 2016)**
 - The BBMB vide their letter dated 11.06.2014, had conveyed their approval for lease of land up to 2015. Matter had been taken up with BBMB authorities for extending the lease period for 17 Bighas of land to longest possible period.
 - Bid document approved by ADB.

HPPTCL may update the Committee on the progress of above works.

7. Construction of IPPs'/HPPCL lines by HPPTCL

In 36th meeting of the Committee held on 4.7.2014, progress of following lines under implementation by HPPTCL was reported as under:

- **132 kV D/C line from Tangnu Romai (44 MW) HEP to 132/220 kV planned sub station of HPPTCL at Sunda.**
 - The process of obtaining FRA certificate from village level Forest right committees is in progress. The

certificates regarding Non-availability of Non Forest area for R.O.W. and CA has been obtained from DC Shimla

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

- Committee was apprised that due to slow pace of work, notice had been served to the contractor on 25.6.2014.
- Out of total 40 village level committees (involved For 400 kV & 220 kV lines), **NOC from 33** Village level FR Committees have been obtained. NOCs from 7 village level FR committees were pending due to non constitution of committees till date.

HPPTCL may update the Committee on the progress of above works.

8. **Taking over of 132/33 kV, 50/63 MVA sub station at Kurthala (Tissa) (Distt. Chamba)**

In 36th meeting of the Committee held on 4.7.2014, Representative of M/S TPTCL had informed that 132/33 kV sub station at Kurthala (Tissa) had been commissioned by them in Feb, 2014 and as per the terms and condition of the agreement signed with HPSEBL, it was to be taken over by HPSEBL but till date no action had been taken by HPSEBL. Committee had directed HPSEBL to take immediate action in this regard and in case of shortage of staff, out sourcing might be resorted to.

HPSEBL may update the Committee.

9. **Evacuation of power of Brahl Top (5 MW) SHEP in Distt. Kangra**

In its 36th meeting held on 4.7.2014, Committee was informed that Brahl Top SHEP had been given interfacing

at Khauli power house of HPSEBL but due to constraints beyond the interfacing point, HPSEBL had asked the IPP to give undertaking to back down in the event of over loading of lines. In addition to it, there were certain issues connected with approvals of 33 kV switchyard which were pending with HPSEBL. Committee had directed Chief Engineer (SO & P), HPSEBL to immediately call the IPP and resolve the issue expeditiously.

HPSEBL may update the Committee.

10. **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):**

Chhoo (3.5 MW) and Tindi (5 MW) SHEPs have been allotted to L & T Power Development Limited for meeting the requirement of construction power of Sach Khas (260+7 MW) and Reoli Dugli (420+9.2 MW) HEPs respectively. 7 MW Auxiliary Power House of Sach Khas (260+7 MW) HEP and 9.2 MW Auxiliary Power House of Reoli Dugli (420+9.2 MW) HEP with aggregate potential of 25 MW approx. of L&T Power Development Limited small HEPs are located between Killar (Pangi) and Thiroth (Distt. Lahaul & Spiti). Currently, there is no evacuation arrangement for Small HEPs in this area. HPSEBL is planning to construct 33 kV line from Thiroth Power House to 33/11 kV sub station at Killar. In order to provide a reliable evacuation arrangement, it is proposed to build this line at 66 kV instead of 33 kV.

HPSEBL may apprise the Committee on the suitability of the proposal.

11. **Grant of Connectivity at Sub stations under implementation by HPPTCL:**

HPSEBL is getting connected with following sub stations under implementation by HPPTCL for which HPPTCL has kept provision of feeder bays in the switchyards of these sub stations:

- i) 33/220 kV Sub station at Phojal in Distt. Kullu for LILO of 22 kV Naggar Bajaura line.
- ii) 33/220 kV sub station at Karian in Distt. Chamba for LILO of 33 kV Gharola-Chamba line.

As per Procedure for Grant of connectivity and Open Access in the Intrastate Transmission System, HPSEBL needs to apply for grant of connectivity to STU and also deposit the cost of feeder bays kept for this purpose.

HPSEBL may apprise the Committee of the status of completion of LILO lines and submission of applications for grant of connectivity.

12. **Evacuation of Toss (10 MW), Jirah (4 MW) and Chakshi (2 MW) SHEPs through 132 kV Malana-I- Bajaura D/C line of M/S MPCL:**

Power of above three projects is currently being evacuated through 132 kV Malana-I-Bajaura D/C line of M/S MPCL for which transmission charges are payable by HPSEBL to M/S MPCL. HPSEBL may apprise the Committee on the status of payment of these charges to M/S MPCL.