

Agenda for discussions in the 34<sup>th</sup> 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:-

HPPTCL shall apprise the Committee on the progress and time lines for following transmission projects which are under implementation by the Developer of Beaskund HEP:-

- i) Construction of 33 kV D/C line between Palchan & Prini (33/220 kV sub station in the yard of Allain Dhuangan HEP).
- ii) Construction of 33/220 kV sub station in the yard of Allain Dhuangan HEP.

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 +LILLO of 220 kV Kashang- Bhaba Line-

22/66 kV portion- Revised time line-31.7.2014.

66/220 kV portion- In its 33<sup>rd</sup> meeting, the Committee was apprised that for detailed analysis related to stability studies, more inputs have been sought by the experts from IIT, Roorkee and final report shall be available after three months. However, time line for completion of the 66/220 kV portion shall be given in next meeting of the Committee.

HPPTCL may update the Committee.

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

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

- Progress of 400/220 kV GIS sub station at Pragatinagar awarded on 25.10.2013.

- Status of Forest Clearance of 220 kV Line.

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-30<sup>th</sup> April, 2016:- .

- Work awarded on 30.9.2013. HPPTCL may give activity wise progress.

- Status of forest clearance.

- In the 33<sup>rd</sup> meeting of the Committee, it was apprised that approval for Stage-I was granted on 26.6.2013 and for securing Stage-II clearance, case is pending for want of certificate from D.C Kinnaur. HPPTCL may update the Committee.

3. Construction of 33/220 kV Phojal sub station in Naggar Valley in Distt. Kullu (Time Line

In the 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, it was apprised that:

a: Construction of approach road is in progress.

b: *Control Room Building*: 80% brick work completed. Ground floor and 1st floor slab completed.

- c: *220 kV GIS Building*: Foundation work up to Plinth beam completed. Column work in progress.
- d: *33 kV GIS Building*: Ground floor slab completed. 80% brick work completed.

*It was also was apprised that short circuit test on 220/33 kV transformer failed on 11.11.2013 and delivery of transformer will not be possible before March, 2014, and accordingly the time line for completion of the sub station for commissioning of the sub station is was revised from 31.3.2014 to 31.5.2014. (Action by HPPTCL)*

It was also apprised that pending tower material for LILO of one circuit of 220 kV Prini-Nalagarh D/C line shall be supplied by Feb, 2014 and the line shall now be commissioned by 15.3.2014. (Action by HPPTCL)

Committee had also directed that HPSEBL shall complete the LILO of 33 kV feeders at Phojal to facilitate evacuation of 15 MW of Baragran HEP which shall be commissioned by 15.4.2014. HPSEBL may update Committee.

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- 31.12. 2014

33 kV Baijnath- Bassi line.-Revised Time Line- 31.12.2014.

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

Progress review for augmentation of 66/220 kV, 31.5 MVA transformers at Kotla (Jeori). Revised Time line- 15.4.2014. (Action by HPSEBL)

Progress review of 66/22 kV sub station at Ani (Nagan). Revised Time line-30.4.2014. (Action by HPSEBL)

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

In the 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, 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.
  - NIT on 20.1.2014.
  - M/S JSW has issued NOC for transfer of approval in favour of HPPTCL. The case for getting the diversion approval in favour of HPPTCL is under process.
  - Bid document of 220 kV Lahal- Budhil HEP line approved by ADB on 8.1.2014 and NIT shall be issued by 15.1.2014.

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.
  - 34 out of 80 legs have been casted and 4 Nos in progress. In order to speed up the work and adhere to the time line, meeting was held with the Contractor on 10.12.2013 instructions issued to complete the line before 28.2.2014

*HPPTCL may update the Committee.*

- HPPTCL has allocated 2 Nos. 33 kV GIS feeder bays at 33/220 kV Karian sub station for facilitating LILO of 33 kV Gharola- Chamba line at Karian to be done by HPSEBL. This activity is a priority in view of Kurtha SHEP which is due for commissioning before the commissioning of 220 kV Karian- Rajera line. HPSEBL may update the Committee on the progress of the LILO of 33 kV Chamba-Gharola line.

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

In the 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, it was apprised that work on tower No. 1, 2, 40 A, 83, 84, 86, 38, 39, 59, 65, 73, 89, 98 is in progress and survey to check the feasibility of sagging directly from Tower No. 3 to tower No. 5 (with out tower No. 4) has been conducted and report approved and Line shall be fully restored by 31.3.2014.

HPPTCL may update the Committee.

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

In 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, 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) :
  - TBER approved by ADB on 7.1.2014 and Price bid shall be opened on 15.1.2014.
  - Survey completed.
  - Land acquired.
- 66 kV Urni- Wangtoo D/C Line (Time Line- April, 2015):
  - Revised NIT issued on 7.12.2013 and tender shall be opened on 28.1.2014.
  - Matter reg. issue of NOC for FRA is being pursued with Chargaon Gram Sabha.
- 33/220 kV, 50/63 MVA GIS sub-station at Lahal (Time Line-August, 2015) with
  - Tender due for opening on 20.12.2013 has been extended to 20.1.2014 on the request of prospective bidders.
  - Land Acquired.
- 220 kV Lahal- Budhil S/C Line (Time Line-August, 2015).
  - M/S JSW has issued NOC for transfer of approval in favour of HPPTCL. The case for getting the diversion approval in favour of HPPTCL is in progress.

- **132/220 kV, 2x100 MVA GIS sub-station at Sunda (Time Line-October, 2015)**
  - Acquisition of land through LAA is in progress. The award announced by LAO on 16.12.2013. Part payments to land owners under Section 17 (4) of the “Land Acquisition Act” have been made on 30.12.2013 and 31.12.2013.
    - Bid document prepared and shall be sent to ADB for approval by 15.1.2014.
- **220 kV Sunda- Hatkoti D/C Line (Time Line-October, 2015).**
  - Detailed Survey completed. Process of obtaining FRA as per new instructions is in progress.
  - Bid document prepared and shall be sent to ADB for approval by 15.1.2014.
- **220 kV Switching Station at Hatkoti (Time Line-October, 2015).**
  - Process of negotiations with land owners of Site No. 4 is being initiated.
- **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).**
  - Preliminary survey conducted.
  - Sub station site at Govt. land finalized.
  - Bid document under preparation
- **33/132 kV, 2x25/31.5 MVA GIS sub-station at Barsaini (Time Line-March, 2016).**
  - *Land Acquisition:* Award has been submitted by LAO to Pr. Secretary (Power), GoHP through D.C Kullu on 28.12.2013.
  - Case for FRA certificate is under process.
  - Bid document under preparation.

- **132 kV D/C Line from Barsaini to 132/220 kV Charor Sub-station (Time Line- April, 2016).**
  - Survey completed.
  - FCA case is under preparation. Committee under FRA constituted by D.C Kullu.
  - Bid document prepared and shall be sent to ADB for approval by 15.1.2014.
- **132/220 kV, 100 MVS GIS sub-station at Charor (Time Line-May, 2016).**
  - *Land Acquisition:* Award has been submitted by LAO to Pr. Secretary (Power), GoHP through D.C Kullu on 28.12.2013.
  - Bid document prepared and shall be sent to ADB for approval by 15.1.2014.
- **220 kV Charor- Banala D/C Line (Time Line-April, 2016).**
  - *Forest Case:* Detailed survey complete. Process of obtaining FRA as per new instructions is in progress.
  - Bid document approved by ADB on 8.1.2014. NIT shall be issued by 15.1.2014.
- **33/132 kV, 31.5 MVA GIS sub-station at Pandoh with LILO of 132 kV Bajaura- Kangoo line (Time Line- Feb, 2016)**
  - Transfer of land for the sub station from BBMB to HPPTCL in progress.
  - Bid document prepared and shall be sent to ADB for approval by 15.1.2014.

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



7. Evacuation of Power of Small HEPs in Sahoo Area in Ravi basin:

In the 33<sup>rd</sup> meeting of the Committee, HPPTCL was directed to call meeting of the developers of Kurtha and Sal-II HEPs for firming up the evacuation arrangement of Sal-II HEP and apprise the Committee.

HPPTCL may update the Committee.

8. Construction of IPPs'/HPPCL lines by HPPTCL

In 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, 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.
  - PTCC clearance obtained. Forest case is under preparation.
- 220 kV Snail (Sawra Kuddu HEP) - Hatkoti D/C line
  - Work awarded on 11.10.2012.
  - Case for diversion of forest land was discussed in SAG meeting held on 6.8.2013 at Chandigarh. As advised in the meeting, in line with new instructions of MOEF, the process of obtaining certificate from committees is in progress. Out of 10 Gram Sabhas, 6 have given their consent.

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

9. Grant of Connectivity and Open Access in the Intrastate Transmission System:

In 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, Committee was apprised that a meeting was called by

Chief Engineer, Energy Directorate on 16.12.2013 where in it was decided that HPPTCL in consultation with Secretary General, HPPF shall prepare a draft policy note for further approval of the competent authority. It was also apprised that in a meeting called by Director (Planning & Contracts), HPPTCL on 8.1.2014, preliminary discussions have been held with Secretary General, HPPF on the statutory requirements prior to making application for grant of connectivity. Further discussions shall be held by last week of January, 2014 for taking a view on the issue.

HPPTCL may update the Committee.

10. Construction of 132/220 kV GIS sub station at Dehan and 220 kV Dehan- Hamirpur (PGCIL) D/C Line:

- In 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, it was apprised that the above transmission project is covered in Tranche-III of the ADB loan where as Loan agreement for Tranche-II is yet to be signed. Time line for NIT for the sub station and the line can be given only after signing of loan documents for Tranche-II and discussions with ADB in February, 2014.
- It was also informed that survey of the line is being taken up and due priority is being added to the construction of the sub station and the line.
- M.D., HPSEBL stressed for providing 220 kV D/C line between Kangoo and 400/220 kV PGCIL sub station Hamirpur and it was decided that HPPTCL shall examine the matter and apprise the Committee in its next meeting.

HPPTCL may update the Committee.

11. Construction of 400/220 kV GIS ISTS sub station at Kala Amb (Distt. Sirmour)

In 33<sup>rd</sup> meeting of the Committee held on 10.1.2014, it was decided that in view of delay in commissioning of 400/220 kV ISTS Kala Amb sub station and acute shortage of power in the Industrial area of Nahan & Paonta, HPPTCL shall take up and pursue the matter with HVPNL/PGCIL for getting power either from PGCIL System or from HVPN system Abdullapur on 132 kV Giri-Abdullapur HPPTCL.

HPPTCL may update the Committee.