

Agenda for discussions in the 19th meeting of the STU Coordination Committee to be held on 23.5.2012 at 12.00 NOON under the chairmanship of Pr. Secretary (MPP & Power)

1. Construction of 220/66/22 kV (GIS) Sub station at Bhoktoo:-
 - Status of providing 22 kV breakers on 22 kV distribution lines at 220/66/22 kV Sub station at Bhoktoo for feeding power to Upper Kinnaur area by HPSEBL-Time Line-30.4.2012 & 15.5.2012.
 - Status of reimbursement of ₹ 18 Crore to HPPTCL for providing 66/22 kV, 2x10 MVA transformers and 66 kV switchgear at Bhoktoo to be given by HPSEBL. Time Line-15.4.2012.

2. Evacuation arrangement for Beaskund HEP (9 MW) HEP:-

Progress review of evacuation arrangement for Small HEPs in Palchan area:-

 - Construction of 33 kV D/C line between Palchan & Prini (33/220 kV planned sub station in the yard of Allain Dhuangan HEP). Forest Clearance by 31.10.2012 and completion by-31.7.2013- Action by HPPTCL
 - Construction of 33/220 kV sub station in the yard of Allain Dhuangan HEP. Time Line-31.8.2012 -Action by HPPTCL & IPP.
 - During 18th meeting of the Committee held on 12.4.2012, it was decided that HPSEBL shall arrange approvals from M/S ADHPL to enable the developer of Beaskund HEP to complete connectivity between 33 kV Sub station Prini and 33/220 kV yard in the 220 kV sub station of AD Hydro at the cost to be borne by HPSEBL. HPSEBL shall apprise the Committee on the status of approvals obtained. Time Line-31.8.2012.

3. Evacuation arrangement for Jirah HEP (4 MW) in Parvati valley:

Progress review of the following activities:

IPP

- Laying of additional circuit on existing structures of 33 kV Barsaini- Malana-I line. Time line-31.5.2012.

4. Construction of 4 Nos. Transmission Projects to be built by HPPTCL with Financial assistance by ADB (Tranche-1): -

Progress of 4 Nos. Transmission Projects being built with financial assistance from ADB shall be reviewed.

i) 66/220 kV, 31.5 MVA Pooling station at Bhoktoo +LILO of 220 kV Kashang- Bhaba Line- COD- 31st March, 2013.-

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. :-

- Award of work- Time line -31.7.2012
- Forest Clearance for 400 kV LILO Line- Time Line- 31.10.2012

iii) 220 kV D/C High Capacity Line from Hatkoti to 220/400 kV P.S near Pragati Nagar.-COD- 30th June, 2013. :-

- Award of work- Time line -31.7.2012
- Forest Clearance for Line- Time Line- 31.10.2012

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 - June, 2014 and 400 kV portion-December, 2015:- .

HPPTCL shall apprise the committee on the measures taken to advance the commissioning of 400 kV portion of the sub station in April, 2015.

5. Evacuation of power from Fozal HEP (11 MW) in Distt. Kullu

Progress review of construction of 33/220 kV Pooling Station at Fozal with LILO of one circuit of 220 kV Prini-Nalagarh D/C line of M/S ADHPL. Time line-31.10.2013. Forest Clearance- Time line-31.7.2012.

6. Construction of 66 kV Switchyard at Ghanvi-II HEP

HPSEBL shall give the progress of the following Work:

- 66 kV switchyard at Ghanvi-II HEP. Time line- 31.7. 2012.

7. Valley wise transmission Plan for Palampur Zone & Satluj Basin (up to Wangtoo)

Committee shall be apprised on the following:

- i) Review on the proposed construction of 132/220 kV sub station at Dehan with 220 kV connecting line between Dehan and Mattansidh (Hamirpur) - Action by HPPTCL & HPSEBL.
- ii) Augmentation of 66/220 kV transformer at Kotla to evacuate upcoming generation of 83 MW in 2012-13 time frame.-Action by HPSEBL
- iii) Time line and funding arrangement for providing 66 kV connectivity between Nathpa and Wangtoo sub station.- Action by HPSEBL
- iv) Interim arrangements for evacuation of 11.5 MW of Small Hydel power in 2012 in Ani area- Action by HPSEBL.
- v) Time line for augmentation of 22 kV line between Chaba & Gumma to evacuate 11.3 MW of Small Hydel power.- Action by HPSEBL.

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vi) Alternative arrangements for evacuation of projects planned to be interfaced with 66/22 kV sub station at Gumma. Action by Himurja & HPSEBL.

8. Evacuation of power for 4 SHPs of Subhash Projects and Marketing Ltd (SPML)

HPSEBL shall apprise the Committee on the action taken on the proposal to evacuate power of Awa (4.5 MW), Neugal (4.5 MW) and Luni (4.5 MW) in joint mode with Neugal (15 MW) HEP till 132 kV line up to Dehan is completed by the IPP.

9. Evacuation of power from Balarga (9 MW) & Jigrai (5 MW) HEPs in Parvati valley:

Interim arrangements for evacuation of power from above two projects through following options:

- i) Evacuation through existing 33 kV Barsaini- Malana-I line.
- ii) Evacuation through existing 33 kV line from Bramganga to Jari.
- iii) Evacuation through 132 kV Barsaini –Malana-I line (charged at 33 kV).

HPPTCL shall apprise the Committee on the action taken on proposed transfer of 33/132 kV Barsaini sub station and 132 kV Barsaini- Charor line from Tranche-III to Tranche-II of ADB loan.

10. Evacuation of power of Rukti-II (5 MW) HEP

During the 18th meeting of the Committee held on 12.4.2012, HPSEBL had withdrawn the proposal to evacuate power of Rukti-II (5 MW) HEP by interfacing the project with Kashang- Bhaba line (charged at 22 kV) and it was decided that HPSEBL shall hold discussions with the IPP to find a solution for large fluctuations in the voltage at

Rukti-II Power House. Committee shall be apprised on the remedial measures taken.

11. Evacuation arrangements for Sainj HEP (100 MW) under implementation by HPPCL

NHPC has expressed reservations on the evacuation of Sainj power at 400 kV level through the Parbati-II-Parbati-III 400 kV network which is the approved evacuation arrangement for Sainj HEP. The matter has been taken up with CEA for resolving this issue and the Committee shall be updated on the progress made.

12. Interim arrangements for Evacuation of power of Shaung (3 MW) HEP in Sangla valley.

Regular arrangement for evacuation of Shaung HEP (3 MW) and other SHEPs in Sangla valley comprises of 66 kV switching station at Urni with 66 kV D/C line from Urni to 66/220/400 kV sub station of HPPTCL planned at Wangtoo, The above arrangement shall not come up before 2015 where as Shaung HEP is expected to be ready by December, 2012. HPSEBL & HPPTCL shall apprise the Committee on the interim arrangements for evacuation of its power.

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

13 Nos. transmission projects (Details as per Annexure-I) are planned to be built under Tranche-II of ADB financial assistance of \$ 350 Million. HPPTCL shall give time lines for completion of these projects.

14. Completion of 220 kV Kashang- Bhaba D/C line

The 220 kV Kashang- Bhaba D/C line is under construction and is complete except at 2 tower locations. HPPTCL shall



give time line for completion of the remaining part of the line.

15. Interim arrangements for Evacuation of power of Surah (1.5 MW) and Swad (5 MW) HEPs in Distt. Mandi.

The above 2 projects are planned to be evacuated through 33/132 kV sub station proposed at Pandoh which is covered under Tranche-II of ADB loan and is targeted for commissioning in 2014-15. Since the projects are due for commissioning in November, 2012, HPSEBL shall apprise the Committee on the interim arrangements available for evacuation of power of these two projects.

16. Construction of 33 kV switching station at Maredi and 33 kV D/C line from Maredi to 33/220 kV Karian sub station:

Kurtha HEP (5 MW) in joint mode with Kuril (5 MW) and other HEPs is to be interfaced with 33 kV switching station planned at Maredi which shall further be connected with 33/220 kV sub station of HPPTCL at Karian. Developer of Kurtha HEP has informed that his project shall come up by March, 2013. Committee shall be apprised about the arrangements being done for evacuation of power of Kurtha HEP.

17. Request for HPPF (Forum of the Hydro Power Producers) representative for nomination to STU Coordination Committee

Secretary General, HPPF has requested for representation in the Committee as the Forum represents the interests of HEP developers (above 5 MW) in the State Electricity Sector. Committee may consider and approve the request of HPPF.

Tranche-2

Annexure-I

Sr. No.	NAME OF WORK	TOTAL (₹ in Crore)
1	a) 33 kV D/C line from 33 kV Palchan switchin station to 33/220 kV sub station in the yard of Allain Dhaungan HEP	36.0
	b) 33 kV Switching station at Palchan	8.7
2	a) 66 kV Switching station at Urni	18.1
	b) 66 kV D/C Line from 66 kV Switching station at Urni to Wangtoo Sub station	9.0
3	a) 33/220 kV, 50/63 MVA P.S at Lahal	66.1
	b) 220 kV Line from 33/220 kV Lahal sub station up to 220 kV yard of Budhil HEP	12.0
4	220 kV Switching Station at Hatkoti	58.9
5	220 kV D/C (Twin MOOSE) Transmission Line from Sunda to Hatkoti	76.9
6	132/220 kV, 2x100 MVA Pooling Station at Sunda	97.8
7	33/132 kV, 2x25/31.5 MVA sub station at Chambi (Shahpur) with LILO of 132 kV Kangra- Dehra S/C Line	65.0
8	33/132 kV sub station at Pandoh+LILO of one circuit of 132 kV Bajaura- Kangoo D/C Line	48.9
9	220 kV D/C line (Twin MOOSE) from Charor to 400/220 kV Banala sub station of PGCIL	50.0
10	33/132 kV Sub Station at Barsaini	49.0
11	132 kV D/C line from Barsaini to 132/220 kV sub station at Charor	54.0
12	132/220 kV sub station at Charor	87.0
13	a) 33/132 kV, 1x50/63 MVA sub station Banjal	41.0
	b) 132 kV S/C line on D/C towers from Banjal to Kurthala	12.0
	Total	790.4