

Agenda for discussions in the 20th meeting of the STU Coordination Committee to be held on 29.6.2012 at 3.00 P.M under the chairmanship of Pr. Secretary (MPP & Power)

1. Construction of 220/66/22 kV (GIS) Sub station at Bhoktoo:-
  - Status and location of providing 22 kV breakers on 22 kV distribution lines to prevent fault from traveling to 220/66/22 kV Sub station at Bhoktoo. Action by HPPTCL & HPSEBL.
  - Settlement of issue regarding 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.
  
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
  - Settlement of issues connected with construction of 33/220 kV sub station in the yard of Allain Dhuangan HEP. Time Line-31.8.2012 –Action by HPPTCL & IPP.
  - 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. Action by HPSEBL- 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. Action by IPP & HPSEBL- Revised Time line-30.6.2012.

#### 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- Revised COD- 31<sup>st</sup> October, 2013.-
  - Award of work- Time line -31.7.2012
  - Forest Clearance for 400 kV LILO Line- Time Line- 31.10.2012
- 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, 2013. :-
  - Award of work- Time line -31.7.2012
  - Forest Clearance for 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- 30<sup>th</sup> 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 – 30<sup>th</sup> June, 2014 and 400 kV portion-30<sup>th</sup> April, 2015:- .
  - HPPTCL shall give the time line for award of work.
  - Forest Clearance- Time Line- 31<sup>st</sup>, October, 2012.

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) Short term arrangements for evacuation of Small Hydel power in Palampur Zone - 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 -Time Line-30<sup>th</sup> November, 2012.
- iii) Time line and funding arrangement for providing 66 kV connectivity between Nathpa and Wangtoo sub stations.- Action by HPSEBL
- iv) Interim arrangements for evacuation of 11.5 MW of Small Hydel power in 2012 in Ani area- Action by Himurja.
- v) Time line for augmentation of 22 kV line between Chaba & Gumma to evacuate 11.3 MW of Small Hydel power.- Action by HPSEBL.
- vi) Alternative arrangements for evacuation of projects planned to be interfaced with 66/22 kV sub station at Gumma. Action by Himurja.

8. Evacuation of power for Rukti-II (5 MW), Shaung (3 MW) & Brua (9 MW) SHPs
- HPPTCL shall report on the proposal to operate one circuit of 220 kV Kashang- Bhaba line at 220 kV and the other circuit at 22 kV in December, 2013 to facilitate evacuation of Kashang HEP (65 MW) through one circuit at 220 kV and the Small HEPs at 22 kV till 66 kV switching station at Urni along with 66 kV Urni- Wangtoo D/C line is commissioned.
  - HPSEBL shall report on the adequacy of transformation capacity at 66/22 kV Nathpa sub station to handle injection of Shyang (3 MW), Tangling (5 MW), Shaung (3 MW), Brua (9 MW) and Rukti-II (5 MW) and necessary steps taken.
9. Evacuation of power from Balarga (9 MW) & Jigrai (5 MW) HEPs in Parvati valley:

Committee shall be apprised on the Interim arrangements for evacuation of power from above two projects through following options after meeting with the developer of Bramganga HEP- Action by HPPTCL & HPSEBL:

- i) Evacuation through existing 33 kV Barsaini- Malana-I line.
  - ii) Evacuation through existing 33 kV line from Bramganga to Jari.
10. 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.

11. Completion of 220 kV Kashang- Bhaba D/C line  
Progress of 220 kV Kashang- Bhaba D/C line under construction. Action by HPPTCL- Time Line-31<sup>st</sup> August, 2012.

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

HPPTCL shall report on the evacuation of Swad (5 MW) in joint mode with Patikari (16 MW) HEP after meeting with developers of Patikari and Swad HEPs.

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

Committee shall be apprised on the construction of 33 kV Maredi switching station with 33 kV Maredi- Karian connecting line by HPSEBL or IPPs- Action by HPSEBL.

14. Wheeling charges for Toss and other SHEPs from Malana Power Plant to Bajaura

HPSEBL and MPCL have discussed the issue of wheeling charges payable by HPSEBL to MPCL for transmission of Toss and other Small HEPs on 12.3.2012. Committee shall be apprised on the status of payment of wheeling charges. Action: HPSEBL & MPCL.

15. Construction of IPPs' lines by HPPTCL

HPPTCL has signed agreements with IPPs for construction of their following lines with equity portion to be provided by IPPs as loan:

- i) 132 kV D/C Line from Tangnu-Romai (44 MW) HEP to 132/220 kV P.S at Sunda in Pabbar basin.
- ii) LILO of one circuit of 220 kV Kashang- Bhaba D/C line at Tidong-I (100 MW) HEP in Satluj basin.

Progress and Time lines for completion of these lines shall be given by HPPTCL.

16. **Status of Applications received for Grant of Connectivity:**

HPPTCL shall apprise the Committee about the number and status of applications received for grant of connectivity (Annexure-II).

## Tranche-2

## ANNEXURE-I

Sr. No.	NAME OF WORK	TOTAL (₹ in Crore)
1	33 kV D/C line from 33 kV Palchan switchin station to 33/220 kV sub station in the yard of Allain Dhaungan HEP & 33 kV Switching station at Palchan	44.7
2	66 kV Switching station at Urni & 66 kV D/C Line from 66 kV Switching station at Urni to Wangtoo Sub station	27.4
3	33/220 kV, 50/63 MVA P.S at Lahal & 220 kV Line from 33/220 kV Lahal sub station up to 220 kV yard of Budhil HEP	67.4
4	220 kV Switching Station at Hatkoti	44.7
5	220 kV D/C (Twin MOOSE) Transmission Line from Sunda to Hatkoti	69.2
6	132/220 kV, 2x100 MVA Pooling Station at Sunda	77.0
7	33/132 kV, 2x25/31.5 MVA sub station at Chambi (Shahpur) with LILO of 132 kV Kangra- Dehra S/C Line	49.4
8	33/132 kV sub station at Pandoh+LILO of one circuit of 132 kV Bajaura- Kangoo D/C Line	41.9
9	220 kV D/C line (Twin MOOSE) from Charor to 400/220 kV Banala sub station of PGCIL	45.0
10	33/132 kV Sub Station at Barsaini	48.5
11	132 kV D/C line from Barsaini to 132/220 kV sub station at Charor	64.0
12	132/220 kV sub station at Charor	71.0
13	a) 33/132 kV, 1x50/63 MVA sub station Banjal	38.4
	b) 132 kV S/C line on D/C towers from Banjal to Kurthala	20.6
	<b>Total</b>	<b>709.2</b>

Status of Connectivity Applications received by HPTCL							ANNEXURE-II		
S. No.	Name of the Applicant	Name of Project	Location of Generating Station	River	Installed Capacity (MW)	Seeking Connectivity for (MW)	Date of Application	Date from which Connectivity is required	Status/ Remarks
1	Kanchanjunga Power Company Pvt. Ltd	Baragaon	Vill. Halan-II, The. Manali, Distt. Kullu	Sanjoin and Bijara Nallahs-Beas Basin	24	24 and overload upto 20%	10.08.2011	30th September, 2013	<b>granted</b>
2	DLI Power (India) Pvt. Ltd	Raura	Village Cholling/Urni, Distt. Kinnaur	Raura Khad/ Satiuj Basin	8	8	08.08.2011	December, 2013	<b>granted</b>
3	Tangnu Romai Power Generation (P) Ltd.	Tangnu Romai-I	Vill. Romai, The. Chirgaon, Distt. Shimla	Pabbar	44	44	30.07.2011	30th June, 2014 or actual date of commissioning	<b>granted</b>
4	Tangnu Romai Power Generation (P) Ltd.	Tangnu Romai-II	Vill. Janglikh, Teh. Chirgaon, Distt. Shimla	Sundru River/Pabbar basin	6	6	08.08.2011	30th June, 2012 or actual date of commissioning	<b>granted</b>
5	NSL Tidong Power Generation (P) Ltd.	Tidong -I	Vill. Rispa, Teh. Moorang, Distt. Kinnaur	Tidong River/ Satiuj Basin	100	100	30.07.2011	31st December, 2013 or actual date of commissioning	<b>granted</b>
6	GMR Bajoli Holi Hydropower Private Limited	Bajoli Holi	Village Holi, Distt. Chamba	Ravi	180	180	19.09.2011	July, 2016	<b>granted</b>
7	Greenko Hattkoti Pvt. Ltd.	Paudital Lassa	Rohru, Distt. Shimla	Pabbar	24	24	5.10.2011	March, 2015	<b>granted</b>
8	Darfeeling Power Ltd.	Shaung	Village Shaung, Distt. Kinnaur	Shaung Khad	3	3 + 20% overload	20.10.2011	December, 2012	<b>Under process</b>
9	HP Power Corporation Ltd.	Kashang	Recong Peo, Distt. Kinnaur	Kashang & Keirang river/Satiuj Basin	195	195	19.11.2010	January, 2013	<b>TEC, NOC from IPH and Wild life clearance Awaited</b>
10	HP Power Corporation Ltd.	Sawra Kuddu	Rohru, Distt. Shimla	Pabbar river/ Yamuna basin	111	111	19.11.2011	December, 2012	<b>TEC, NOC from IPH and Wild life clearance Awaited</b>
11	JSW Energy Ltd	Kutehr	Garola, Distt. Chamba	Ravi River	240	240	14.01.2012	August, 2017	<b>granted</b>