

Agenda for discussions in the 21st meeting of the STU Coordination Committee to be held on 2.8.2012 at 3.00 P.M under the chairmanship of Addl. Chief Secretary (MPP & Power)

1. 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.

2. 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-31.7.2012.

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

HPPTCL shall give activity wise Time lines for progress review of 4 Nos. Transmission Projects being built with financial assistance from ADB:

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

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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- Revised Time line -30.9.2012 against earlier time line of 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 – 30th June, 2014 and 400 kV portion-30th April, 2015:- .

- Award of work- Time Line-30.11.2012.
- Forest Clearance- Time Line- 31st, October, 2012.

4. Evacuation of power from Fozal HEP (11 MW) in Distt. Kullu
HPPTCL shall give activity wise time lines for 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.

5. 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.

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6. 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

HPSEBL shall give activity wise time lines for completion of following works:

- a) 33 kV Baner- Sidhpur line.
- b) 33 kV Sidhpur- Kangra line.
- c) 33 kV Baijnath- Bassi line.

HPPTCL shall review and apprise the committee on the following:

- a) Need for providing additional 132 kV circuit on 132 kV S/C line on D/C towers between Bassi and Uhl-III HEP.
- b) Adequacy of existing 33/132 kV transformation capacity at Kangra

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

HPSEBL shall give activity wise time lines for augmentation of 66/220 kV transformer at Kotla (Jeori) to evacuate upcoming generation in 2012-13 time frame.

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

- a) HPSEBL shall give time lines for completion of 33 kV D/C lines between Holi & Gharola and Gharola and Bharmour.



7. Evacuation of power for Rukti-II (5 MW), Shaung (3 MW) & Brua (9 MW) SHPs

- HPPTCL & HPSEBL shall confirm the proposal discussed in 20th meeting of the Committee 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 give time line for augmentation of transformation capacity at 66/22 kV Nathpa sub station by adding 10 MVA transformer after holding discussions with Project Developers.
- HPPTCL shall report on the adequacy of 220 kV Kashang- Bhaba- Kunihar transmission system to evacuate Small Hydel power till 66/220/400 kV sub station is commissioned at Wangtoo.

8. 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.
- iii) HPPTCL shall report on the option of strengthening of 33 kV Barsaini- Malana-I D/C line by using high capacity light weight conductor (one circuit is proposed to be augmented

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by the Developer of Balarga HEP at his cost) which can evacuate Small Hydel potential up to the year 2016 i.e. the commissioning date of 132 kV Barsaini- Charor- Banala transmission line.

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

HPPTCL shall give activity wise time lines for completion of transmission projects covered under Tranche-II of ADB loan.

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

Progress of 220 kV Kashang- Bhaba D/C line under construction. Action by HPPTCL- Revised Time Line-30th November, 2012 against earlier time line of 31.8.2012.

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

Developers of Patikari and Swad HEPs and HPPTCL shall apprise the Committee on the status of agreement to be signed for joint evacuation of Patikari and Swad HEPs through 33 kV D/C line of Patikari HEP.

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

HPSEBL shall give time line for construction of 33 kV Maredi switching station with 33 kV Maredi- Karian connecting line by HPSEBL as a deposit work of IPP (s) after holding discussions with them.

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

HPSEBL shall apprise the Committee on the status of payment of wheeling charges payable by HPSEBL to MPCL



for using 132 kV Malana-I- Bajaura line of MPCL for evacuation of Small Hydel power.

14. Construction of IPPs' lines by HPPTCL

HPPTCL shall give activity wise time lines for construction of following lines the IPPs:

- 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.

15. Evacuation of power of Baner Sangam HEP (5 MW) in Distt. Kangra

HPPTCL shall apprise the Committee on the requirement of system strengthening for evacuation of Baner Sangam HEP (5 MW) which has been provided interfacing at 33 kV sub station at Darkata (Ranital).

16. System strengthening for meeting Load Requirement in Kala Amb, Paonta and Giri areas:

Presently, load in the industrial area of Kala Amb, Paonta and Giri is being fed from Giri (60 MW) HEP and share of about 134 MW from Utrakhand being sourced through 220 kV Khodri- Majri D/C line. Since, the available generation is not able to meet the growing load requirement, one 220/132 kV sub station at Davni (near Kala Amb) is planned which shall draw power from ISTS through following options:

- i) Establishment of 400/220 kV, 315 MVA sub station at/near Davni by LILO of 400 kV Jhakri- Abdullapur or 400 kV Wangtoo-Abdullapur D/C lines and connecting it with 220/132 kV planned sub station at Davni.

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- ii) Construction of 220 kV D/C line of about 35 Kms from 220/132 kV sub station at Davni to 400/200 kV sub station of PGCIL at Barwala (Haryana).

Since both of the Options involve interfacing with ISTS, the proposal needs approval of the Northern Region Constituents.

Committee may deliberate and approve the proposal to be sent to Standing Committee on Power System Planning- NR for approval.

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