Govt. of India
Central Electricity Authority
System Planning & Project Appraisal Division
Sewa Bhawan, R.K. Puram, New Delhi – 110066.

No. 26/10/2011-SP&PA/ **Date: 6th May, 2011**

To

1 The Member (PS),
Central Electricity Authority,
Sewa Bhawan, R. K. Puram,
New Delhi-110066

2 The Member Secretary,
Western Regional Power Committee,
MIDC Area, Marol, Andheri East, Mumbai
Fax 022 28370193

3 The Director (Projects),
Power Grid Corp. of India Ltd., "Saudamini",
Plot No. 2, Sector-29, Gurgaon-122001
Fax 0124-2571760/2571932

4 Chairman and Managing Director,
MPPTCL, Shakti Bhawan,
Rampur, Jabalpur-482008
Fax 0761 2664141

5 The Managing Director,
CSPTCL, Dangania,
Raipur (CG)-492013
Fax 0771 2574246/ 4066566

6 The Managing Director,
GETCO, Sardar Patel Vidyut Bhawan,
Race Course, Baroda-390007
Fax 0265-2338164

7. Director (Operation),
MAHATRANSCO, 'Prakashgad', Plot No.G-9,
Bandra-East, Mumbai-400051
Fax 022-26390383/26595258

8 Chief Engineer (Trans),
Nuclear Power Corp. of India Ltd.,
9S30, VS Bhavan, Anushakti Nagar, Mumbai-400094
Fax 022-25993570

9 The Executive Director (Engg.),
NTPC Ltd., Engg. Office Complex,
A-8, Sector-24, NOIDA 201301
Fax 0120-2410201/2410211

10 The Chief Engineer,
Electricity Department,
The Government of Goa, Panaji
Fax 0832 2222354

11 Executive Engineer (Projects)
UT of Dadra & Nagar Haveli,
Department of Electricity , Silvassa
Ph. 0260-2642338/2230771

12 Executive Engineer
Administration of Daman & Diu (U.T.)
Department of Electricity
Moti Daman-396220
Ph. 0260-2250889, 2254745

13 GM, WRLDC
Plot no F-3, MIDC Area, Msarol,
Andheri(East) Mumbai-400093
Fax no 022-28235434

14 CEO,POSOCO
B-9, Qutub Institutional Area, Katwaria Sarai
New Delhi-110016
Fax 011-26852747

Sub: Additional Agenda Note -32nd meeting of the Standing Committee on Power System Planning of Western Region

Sir,

Please find enclosed Additional Agenda Note for the 32nd meeting of the Standing Committee on Power System Planning of Western Region which is scheduled to be held on (Friday) 13th May 2011 at 1100 hrs at Conference hall of NRPC,18-A, Qutab Institutional Area, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi-110 016. The additional agenda note of the meeting is available on CEA website (www.cea.nic.in at the following link: Home page-Power Systems-Standing Committee on Power System Planning-Western Region).

Yours faithfully,

6/5/2011

for Director, SP&PA

1.0 Installation of 400/132kV transformers at Champa Pooling Station as part of High Capacity transmission corridors for upcoming IPP projects in Chhattisgarh.

1.1 The establishment of ±800kV 6000MW HVDC bipole system between Champa Pooling station and Kurukshetra has been deliberated in the 29th, 30th and 31st Standing Committee meetings on Power System planning in WR and the following system has been agreed as part of upcoming IPP generation projects in Chhattisgarh:

WR-NR HVDC interconnector for IPP Projects in Chhattisgarh

(i) A ±800kV, 6000 MW HVDC bipole between Champa Pooling Station (WR) – near Kurushetra (NR) in Haryana with metallic return (initially to be operated at 3000 MW).
(ii) Establishment of 3000 MW, ±800 kV HVDC bipole terminal each at Champa pooling station and near Kurushetra in Haryana with provision to upgrade the terminals to 6000 MW.
(iii) Kurukshetra(NR) - Jallandhar 400kV D/c(Quad) line (one ckt. via 400/220kV Nakodar S/s).
(iv) LILO of Abdullapur – Sonepat 400kV D/c(triple) at Kurukshetra
(v) Establishment of 400/220kV, 2x500 MVA S/s at Kurukshetra

1.2 To facilitate auxiliary power supply at Champa HVDC terminal station, PGCIL has proposed to install 400/132kV, 2x200MVA transformers along with 2 nos. 132kV line bays at Champa Pooling station as part of the above scheme. The auxiliary supply shall be availed through 33kV tertiary of the 400/132kV transformers. The auxiliary power supply at Kurukshetra HVDC terminal station shall be availed through 33kV tertiary of proposed 2x500MVA 400/220kV transformers.
Members may deliberate.

2.0 LILO of 220 kV Raigarh (CSPTCL)- Budhipadar line at 400/220 Raigarh PGCIL substation – Agenda proposed by CSPTCL

2.1 MS, WRPC vide letter dated 02.05.2011 has forwarded CSPTCL proposal of LILO of 220 kV Raigarh (CSPTCL) - Budhipadar line at 400/220 Raigarh PGCIL substation.

2.2 There are 3 nos. of 220 kV lines between Korba (E) power station of erstwhile CSEB and Budhipadar (Orissa) 220 kV substation. One 220 kV S/C line is already looped in looped out at Raigarh (CSPTCL) 220 kV substation resulting in Korba (E) – Raigarh(CSPTCL) – Budhipadar 220 kV S/C line. Now CSPTCL has proposed the LILO Raigarh(CSPTCL) – Budhipadar 220 kV S/C line at 400/220 kV Raigarh (PG) substation. CSPTCL has intimated that this provide 3rd interconnection between Raigarh (CSPTCL) and Raigarh(PG) at 220 kV level which will ease the overloading problem on existing 2 nos. of 220 kV interconnections occurring in certain instances. Also the Raigarh (PG) - Budhipadar 220 kV line would stabilize the power flow in 2 nos. of Korba (E) - Budhipadar 220 kV line.

2.3 CSPTCL may present their studies for the proposal and members may discuss.

2.4 Further, CSPTCL vide their letter no. CE (Trans.)/ CSPTCL/437 dt 2/5/2011 addressed to MS, WRPC has given the proposal of LILO of Korba- Budhipadar 220 kV line (owned by CSPTCL) at Naharpali 220 kV substation. CSPTCL has intimated that the Naharpali 220 kV substation is proposed to provide connectivity to M/s Monnet Ispat and Energy Ltd located in Naharpali, Raigarh district. The connectivity with the grid has been proposed through LILO of Korba-Budhipadar 220 kV line which is passing nearby.

2.5 CSPTCL may clarify whether Monnet Ispat is seeking open access in the Intra- State transmission system or Inter-State transmission system. In case of Intra state open access, Monnet Ispat should not be allowed to lean on Inter State transmission system and adequate transmission system needs to be planned by CSPTCL for absorbing the power from Monnet Ispat in their system.
Members may discuss.