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fo|qr earzky; / Ministry of Power  
dsUnzh; fo|qr izkf/kdj.k / Central Electricity Authority  
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[ISO: 9001:2008]

No. 100/1/EC/2012-SP&PA/

Dated: March 01, 2012

**Subject: Minutes of the 28<sup>th</sup> meeting of Empowered Committee on Transmission held on February 17, 2012 at CERC, New Delhi.**

Enclosed please find herewith the minutes of the 27<sup>th</sup> Meeting of the Empowered Committee on Transmission held on Feb. 17, 2012 under the Chairmanship of Shri S. Jayaraman, Member, CERC.

(Ravinder)  
Member (PS)

To

1. Shri S. Jayaraman, Member, CERC, Chanderlok Building, 36 Janpath, New Delhi.
2. Secretary, CERC, Chanderlok Building, 36, Janpath, New Delhi-110001 (Fax No. 23753923)
3. Dr. Jaipal Singh, Member (E&C), CEA, R.K. Puram, New Delhi
4. Shri A.K. Mago, former Chief Secretary, Government of Maharashtra, E-7, Nizamuddin West, New Delhi (Tel. 9811088098/24354747).
5. Shri V.V.R.K. Rao, former Chairman, CEA, B-9/C, DDA Flats, Maya Puri, New Delhi -110064.
6. Joint Secretary (Trans.), Ministry of Power, S. S. Bhawan, New Delhi
7. Shri I. S. Jha, Director (Projects), PGCIL, Saudamini, plot No. 2, Sector-29, Gurgaon (Fax No. 0124-2571932).
8. Shri R.K.Kaul, Jt. Adviser, Planning Commission, Parliament Street, New Delhi (Fax No. 23096764).
9. Director (Transmission), Ministry of Power, S.S. Bhawan, New Delhi-110001 (Fax No. 23715250).

Copy to:

- i) CMD, REC, Core-4 Scope Complex, 7 Lodhi Road, New Delhi-110003.
- ii) CMD, PFC, Urjanidhi, 1 Barakhmba Lane, New Delhi -110001
- iii) Shri S.K.Gupta, CEO, RECTPCL, Core-4 SCOPE Complex, 7 Lodhi Road, New Delhi – 110 003. (Fax-011-24102576)
- iv) Shri N. D Tyagi, CEO, PFC Consulting Ltd, First Floor, Urjanidhi, 1 Barakhmba Lane, New Delhi -110001 (Fax- 011-23456170)

## **Minutes of the 28<sup>th</sup> meeting of the Empowered Committee on Transmission held on February 17, 2011 at CERC, New Delhi**

1. List of Participants is enclosed at Annexure-I.
2. Chairperson, Empowered Committee (EC) welcomed the members and the participants to the meeting. The minutes of 27<sup>th</sup> Empowered Committee meeting circulated vide letter no 17/10-Member-(PS)/CEA/2010 dated Sept 12, 2011 were thereafter confirmed.

The agenda items were taken up for discussion.

### **3. Review of the progress of transmission projects under competitive bidding**

#### Transmission system associated with IPPs of Nagapatinam / Cuddalore area- Package A:

- 3.1.1 PFCCCL representative informed that at RfQ stage 18 bidders were short listed for RFP stage and out of them 15 bidders purchased the RfP document. Last date of submission was 10-2-2012. Following 5 bidders have submitted RfP bids:
  - (i) NCC Infrastructure Holdings Limited
  - (ii) Ind-Barath Power Infra Ltd.- Megha Engineering & Infrastructure Ltd.(JV)
  - (iii) IVRCL assets and holding Ltd.
  - (iv) Power Grid Corporation of India Limited
  - (v) Sterlite Grid Limited

Evaluation of RfP (non-financial) Bids after seeking clarifications is scheduled for presentation to Bid Evaluation Committee on 27-02-2012.

- 3.1.2 On enquiry from CEA, Director (Projects), PGCIL stated that the substations Salem, Nagapattinam and Madhugiri would be available in time. He further stated that the location of Nagapattinam Pooling Station is still not finalized and in case of change in location from the present one, it may lead to change in the length of Nagapatinam –Salem line which is under bidding.
- 3.1.3 Member (Power System), CEA stated that in case of change in location of the pooling station of Nagapatinam, CERC should render help in this regard by allowing change in tariff if required otherwise bidding process would have to be stopped. Director(Projects), PGCIL stated that if we wait for the location of Nagapatinam Pooling Station to be finalized, then the implementation of the line would be delayed considerably. Therefore, we have to proceed in parallel.

- 3.1.4 Chairperson, EC stated that change in quantity is happening due to conditions such as change in location of pooling station and should form a part of the bidding document. Suitable tender clauses need to be inserted.
- 3.1.5 Member (PS), CEA said that the change will be prospective and requested RECTPCL to prepare draft formulation for inclusion in the Standard Bidding Document in case of change in the location of the terminal point not in the scope of the TSP.

Transmission system associated with IPPs of Vemagiri area-  
Package A:

3.2.1 RECTPCL informed that, at RFQ stage, total 28 bidders had submitted response to RFQ and 22 bidders were short listed for next stage of bidding i.e. RFP stage. It was further informed that out of 22 short listed bidders, 18 bidders had purchased the RFP document. The Non-Financial & Financial bids have been submitted by following 7 bidders on due date and time i.e. 15.02.2012:

- (i) M/s Power Grid Corporation of India Limited
- (ii) M/s L&T Infrastructure & Development Limited
- (iii) M/s Sterlite Grid Limited
- (iv) M/s IVRCL Limited
- (v) Consortium of Elecnor, S.A.– KEC International Ltd.
- (vi) Consortium of Ind Bharath Power Gencom Ltd.- Megha Engineering & infrastructures Ltd.
- (vii) Consortium of NCC Infrastructure Holdings Limited – BS Transcomm limited

The Non-Financial bids of above bidders are currently under evaluation and the meeting of the Bid Evaluation Committee meeting is scheduled on 23.02.2012. Further, the financial bids are scheduled for opening on 05.03.2012.

3.2.2 Director(Projects),POWERGRID informed that S/S land acquisition for Vemagiri Pooling Station and Khammam S/S is under progress and the land for Hyderabad S/S has been acquired.

Transmission system associated with DGEN TPS (1200MW) of Torrent  
Power Ltd. and Inter- Connection between Srinagar (Uttrakhand) and  
Tehri:

3.3.1 RfQ for the project was issued on 18<sup>th</sup> Nov 2011 with last date of submission of response of RfQ as Jan 02, 2012. The last date was extended on the request of bidders to Jan 31,2012 . 9 bidders have submitted their response to RfQ and evaluation of responses is under progress.

- 3.3.2 CEA enquired about signing of TSA by all the beneficiaries of Northern Region. PFCCL representative stated that as the existing bidding documents are still to be revised according to the PoC mechanism for ISTS, therefore, the preamble of the existing TSA would be changed and it would be got signed from NR beneficiaries.

Evacuation system for Vizag-Vemagiri Projects- Hinduja(1040MW):

- 3.4.1 RFQ was issued on 07.12.2011 and three Bidders have already purchased the RFQ document from RECTPCL/PFCCL. However, CTU vide its letter no C/ENG/SEF/S/REC dated 27.12.2011 have advised that the process for selection of developer may be kept in abeyance till further notice. In the letter they have also mentioned that M/s Hinduja National Power Corporation limited have requested for extension of time till March, 2012 for signing of LTA Agreement and submission of bank guarantee of requisite amount.
- 3.4.2 Chairperson (Empowered Committee) agreed with the decision to defer the bidding process in order to avoid creation of stranded transmission assets.

**4. Confirmation on the transmission schemes exempted from Tariff based Competitive Bidding:**

- 4.1 Member(PS),CEA stated that as per MoP clarification dated 09 Dec 2010, augmentation/ Strengthening of existing transmission lines and substations are exempted from tariff based bidding as also the schemes for which BPTA/TSA has been signed on or before 5.1.2011. Member (PS) desired that the Empowered Committee may confirm the provision in the light of amendment to tariff policy dated 8/11/2011.
- 4.2 Chairperson (EC) clarified that Empowered Committee can not clarify the Government policy. After deliberations the issue was closed.

**5. Need to align Standard Bid Document(SBD) for competitive bidding with the PoC(Point of Connection) mechanism of sharing of transmission charges:**

- 5.1 Chairperson, EC stated that MoP should expedite the modifications to the SBD(RfP and TSA) aligning with the PoC mechanism.
- 5.2 Member(PS), CEA said that a draft amendment in the SBD has been submitted to MoP. A meeting is being convened with MoP to expedite this work.

**6. New Transmission schemes to be taken up through Tariff Based Competitive Bidding:**

The following schemes were discussed to be taken up for Tariff based competitive bidding as one package:

Sl. No.	Transmission Scheme	Estimated Line Length (km)	Estimated Cost (Rs. Crores)
A	<b>Bairasuil HEP – Sarna 220kV line</b> (i) Bairasuil HEP – Sarna 220kV D/c	80	70
B	<b>Transmission System for Patran 400kV S/S</b> (i) Creation of <b>2x500 MVA</b> , 400/220 kV Substation at Patran (ii) LILO of both circuits of Patiala-Kaithal 400kV D/c at Patran (Triple snow Bird Conductor)  (iii) 400kV Bays (iv) 220kV Bays  (v) Space for spare Bays	30  6 8  400kV - 6 no. 220kV–6 no.	100  100
C	<b>ATS of Unchahar TPS</b> i) Unchahar – Fatehpur 400kV D/C line	60	80
D	<b>Part ATS of RAPP U-7&amp;8 in Rajasthan</b> (i) RAPP - Shujalpur 400kV D/C line (ii) Bays at Shujalpur	260	290
	<b>Total cost of the package ‘Northern Region Package-“A”(of 2012)’</b>		<b>640</b>

6.2 POWERGRID informed that item-C above refers to the transmission system for the expansion project of existing generation of Unchahar TPS and NTPC has indicated that expansion project is likely to be commissioned by March, 2015 and for RAPP U-7 & 8 commissioning dates as indicated by NPCIL are September 2016 and November 2016 respectively.

6.3 The Empowered Committee agreed with the above proposal. However, Member(PS), CEA sought some time to confirm the completion schedule for the item-D above after meeting with NPCIL and POWERGRID. Accordingly, the above package would be again posed in the next meeting of the Empowered Committee

**7. Transmission schemes to be taken up by CTU under regulated tariff mechanism:**

7.1 Chairperson, EC stated if a transmission scheme falls under the exemption of tariff policy and is to be implemented by PGCIL under regulated tariff mechanism, then Empowered Committee has no role to play and it should not be put to the Empowered Committee. The Empowered Committee only identifies the transmission schemes and recommends to the government to implement it under tariff based bidding route.

7.2 In view of above, it was decided that in future, PGCIL would have meeting with CEA and finalise the transmission schemes to be implemented under regulated tariff mechanism as per the existing Tariff Policy.

**8. Bid Evaluation Committee for transmission system associated with DGEN TPS (1200MW) of Torrent Power Ltd. and Inter- Connection between Srinagar (Uttarakhand) and Tehri:**

8.1 It was agreed to constitute a Bid Evaluation Committee comprising of following members for “Transmission system associated with DGEN TPS (1200 MW) of Torrent Power and Interconnection between Srinagar (Uttarakhand) and Tehri” project.

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Shri Vinod Pande GM, SBI Capital Markets, 6 <sup>th</sup> floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418460-64, Fax: 011 -23418773	Chairman
2.	<b>Sh. D. N. Joshi</b> , Director (Projects), Power Transmission Corporation of Uttarakhand Ltd., 7-B, Lane No.1, Vasant Vihar Enclave, Dehradun-248001 Mobile No. - 09411114953	Member
3.	<b>Sh., G. S. Kalsi</b> MD, CSP Transmission company Ltd., Vidyut Sewa Bhawan, Dagaina, Raipur- 492013 Phone No. 0771-2574500, Mobile No. - Fax No. 0771-2241141	Member
4.	<b>Shri N. C. Jain,</b> Chief Engineer (F&CA) Central Electricity Authority Room no. 402, 4 <sup>th</sup> floor, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
5.	<b>Shri Ravinder Gupta,</b> Director (SP&PA) Central Electricity Authority Room no. 306, 3 <sup>rd</sup> floor, Sewa Bhawan, R.K.Puram, New Delhi-110066	Member
6.	<b>Shri Y. K. Raizada,</b> Director (Technical), Rajasthan Rajya Vidyut Prasaran Nigam Ltd(RVPN), Vidyut Bhawan, Janpath, Jyoti Nagar, Jaipur - 302005	Member
7.	Chairman of SPV constituted by PFC Consulting Ltd.	Convener - Member

## **9 Constitution of Bid Evaluation Committee for “Package-C: Evacuation System for Vizag-Vemagiri projects: Hinduja (1040 MW)”**

9.1 Empowered Committee approved the names of following for the Bid Evaluation Committee of the “Package-C: Evacuation System for Vizag-Vemagiri projects: Hinduja (1040 MW)” :

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1.	<b>Shri Vinod Pande</b> GM, SBI Capital Markets, 6 <sup>th</sup> floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770, Fax: 011 -23418773	Chairman
2.	<b>Shri M.A. Rawther,</b> Member (Tr. & Gen opn.), KSEB, Vidhyuti Bhavnam, Pattom, Thiruvananthapuram- 695004 Mobile No. – 09446008899	Member
3.	<b>Shri P. Sri Rama Rao</b> Director (GO), APTRANSCO, Vidhyut Souda, Hyderabad-500082 Mobile No. - 09491366666	Member
4.	<b>Shri N. C. Jain,</b> Chief Engineer (F&CA) Central Electricity Authority Room no. 402, 4 <sup>th</sup> floor, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
5.	<b>Sh. Ravinder Gupta,</b> Director (SP&PA) Central Electricity Authority Room no. 306, 3 <sup>rd</sup> floor, Sewa Bhawan, R.K.Puram, New Delhi-110066	Member
6.	Chairman of SPV constituted by REC Transmission Projects Limited	Convener - Member

**10 Modification of Bid Evaluation Committee constituted for the two schemes namely,(i) Transmission system associated with IPPs of Vemagiri Area- Package –A (ii) Transmission system associated with IPPs of Nagapatinam/ Cuddalore area-Package A**

10.1 Director(CEA) stated that as Shri S.K. Ray Mohapatra, one of the representative of CEA the two schemes namely,(i) Transmission system associated with IPPs of Vemagiri Area- Package –A (ii) Transmission system associated with IPPs of Nagapatinam/ Cuddalore area-Package A, has been transferred to Shillong. Shri Ravinder Gupta, Director, CEA was proposed to replace him for the above bid evaluation committee.

10.2 Empowered committee agreed for the above modification.

The meeting ended with a vote of thanks to the chair.

## Annexure - I

### LIST OF PARTICIPANTS OF THE 28<sup>th</sup> MEETING OF THE EMPOWERED COMMITTEE ON TRANSMISSION HELD ON February 17, 2012

1. Shri S. Jayaraman, Member, CERC Chairperson
2. Shri Ravinder, Member (PS), CEA Member Secretary
3. Dr. J. P. Singh, Member (E&C), CEA Member
4. Smt. Rita Acharya, Joint Secretary, MoP Member
5. Shri Arun Kumar, Director(Trans), MoP Member
6. Shri I. S. Jha, Director (Projects), PGCIL Member
7. Shri A. K. Mago, former Chief Secy, Maharashtra Member
8. Shri Rajiv Bansal, Secretary CERC Special Invitee
  
9. Shri K.K. Arya, Chief Engineer(SP&PA), CEA
10. Shri Pardeep Jindal, Director(SP&PA), CEA
11. Shri Awdesh kumar Yadav, Dy. Director(SP&PA), CEA
12. Smt Manjari Chaturvedi, Dy. Director(SP&PA), CEA
  
13. Shri Pankaj Kumar, ED (SEF& CE), PGCIL
14. Shri Mahender Singh, ED(Commercial) ,PGCIL
15. Shri U. K. Tyagi, GM (Commercial),PGCIL
16. Shri Dilip Rozekar, DGM, PGCIL
  
17. Shri S. K. Gupta, CEO, RECTPCL
18. Shri V.K. Singh, Addl. CEO, RECTPCL
  
19. Shri Rajesh Kr. Shahi, VP, PFCCL
20. Shri Sanjay Rai, AVP, PFCCL
21. Shri Shwetabh Verma, Dy. Manager, PFCCL