



Government of India  
Ministry of Power  
Central Electricity Authority  
Office of Member (Power Systems)  
Sewa Bhawan, R. K. Puram, New Delhi-110066



[ISO: 9001:2008]

No. 100/1/EC(30)/2012-SP&PA/

Dated: November 16, 2012

To

1. Shri S. Jayaraman  
Member, CERC  
Chanderlok Building,  
36 Janpath,  
New Delhi - 110001
2. Dr. Jaipal Singh  
Member (E&C),  
Central Electricity Authority  
Sewa Bhawan, R.K. Puram,  
New Delhi - 110066
3. Joint Secretary (Trans.),  
Ministry of Power,  
Shram Shakti Bhawan, Rafi Marg,  
New Delhi - 110001
4. Shri I.A. Khan  
Adviser, Planning Commission,  
Yojana Bhawan, Parliament  
Street,  
New Delhi – 110001
5. Director (Transmission)  
Ministry of Power,  
Shram Shakti Bhawan, Rafi Marg,  
New Delhi – 110001
6. Shri I. S. Jha  
Director (Projects), POWERGRID  
Saudamini, Plot No. 2, Sector-29,  
Gurgaon – 122001
7. Secretary, CERC  
Chanderlok Building,  
36, Janpath,  
New Delhi-110001
8. Shri V. V. R. K. Rao  
Former Chairman, CEA  
B-9/C, DDA Flats, Maya Puri,  
New Delhi -110064
9. Shri A. K. Mago  
Former Chief Secretary (Govt. of  
Maha.),  
C/o Dr. Rita Malhotra,  
40, Pushpanjali, Vikas Marg  
Extension,  
(opp. Anand Vihar Colony),  
Delhi - 110092  
(Tel. 9811088098).

**Subject: Minutes of the 30<sup>th</sup> meeting of Empowered Committee on  
Transmission held on October 31, 2012 at CERC, New Delhi.**

The 30<sup>th</sup> meeting of the Empowered Committee, constituted in accordance with guidelines for encouraging competition in development of transmission projects, was

held on October 31, 2012 under the Chairmanship of Shri S. Jayaraman, Member, CERC. Minutes of the meeting are enclosed herewith.

(Ravinder)  
Member (PS)

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 30<sup>th</sup> meeting of the Empowered Committee, constituted in accordance with guidelines for encouraging competition in development of transmission projects, held on October 31, 2012 at CERC, New Delhi**

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- 1.0 List of Participants is enclosed at Annexure – I.
- 2.0 Chairperson, Empowered Committee (EC) welcomed the members and the participants to the meeting, the Minutes of the 29<sup>th</sup> meeting of Empowered Committee circulated vide letter no. 100/1/EC/2012-SP&PA/681-693 dated 21.06.2012 were thereafter confirmed.
- 3.0 Cut off estimated cost for projects to be taken up under TBCB**
- 3.1 Member (PS), CEA stated that very small projects are not amenable to tariff based competitive bidding due to the following reasons :
- (i) Reputed parties may not be interested
  - (ii) High overheads
  - (iii) Need of independent set up for O&M for 35 years
- Therefore, it was suggested that projects of estimated cost less than Rs. 200 Crore may be exempted from TBCB.
- 3.2 The matter was deliberated in the Committee along with the Bid Process Coordinator and the Committee observed that there was merit in the proposal and Government may consider it. Further the Committee recommended that the given cut off limit may be reviewed by the Government from time to time.
- 4.0 Exempting Transmission elements required to be built in a flexible manner**
- 4.1 Member (PS), CEA explained the challenges in building transmission due to uncertainties of generation projects and the danger of creation of stranded assets. He also explained the challenges involved in implementation of transmission projects due to difficult terrain areas, law and order problems in Upper Himachal Pradesh, North East and Jammu & Kashmir.
- 4.2 The matter was discussed and it was concluded that the Committee may be approached for recommending exemption from competitive bidding only on case to case basis and it was not advisable to recommend general exemption from tariff based competitive bidding.

4.3 The Empowered Committee (EC) observed that in case of difficult or hostile terrain involved, the project completion would require more time. The EC advised that the same should be factored in the tender documents and a realistic time schedule should be specified for completion of the project.

**5.0 Issues related to revision of Standard Bid Documents (SBD) for aligning with the POC(Point of Connection) mechanism of sharing of transmission charges**

5.1 The existing RfQ, RfP and TSA documents for Tariff Based Competitive Bidding are based on the regional postage stamp method of sharing of transmission charges. The sharing of transmission charges of the ISTS is now based on the methodology of Point of Connection (PoC) after the implementation of the new mechanism from 01-07-2011. Using existing SBD under the present PoC based mechanism is causing considerable difficulties in carrying out the bidding process. Now the charges are not to be recovered individually by each TSP, the "long term customers" now are all the utilities, drawing entities and generators using the ISTS (now known as DIC), "lead long term customer" cannot be identified and existing SBD does not have provisions to accommodate these new concepts. In view of the above and other changes the existing RfQ/RfP and TSA forming part of SBD need to be revised urgently so that the bidding of the schemes already in process or pipeline is not delayed.

5.2 Member (PS), CEA stated that a draft amendment in the SBD has been submitted to MoP. This matter was taken up in previous meetings of the EC also, wherein, Chairperson, EC stated that MoP should expedite the modifications to the SBD (RfP and TSA) aligning with the PoC mechanism. The Committee may discuss that how to proceed with new projects in the absence of revised SBDs.

5.3 The Empowered Committee expressed the hope that the Government would expeditiously revise the Standard Bid Documents.

5.4 The REC informed that they were going ahead with the bidding of notified schemes with the existing RfQ documents. REC further requested that they should be allowed to proceed with the RfP process with the existing SBDs wherever possible such as for the associated transmission scheme for Kudgi TPS, Vindhyachal – V etc. This was agreed upon.

**6.0 Review of progress of transmission projects awarded through the TBCB process**

6.1 Director (PSPM), CEA gave a short presentation on the progress of the 8 projects awarded through tariff based competitive bidding. He informed that out of the 8 projects, the progress has been more or less satisfactory for the 6 projects. Further there is problem in the 2 projects viz., System strengthening scheme related to North Karanpura & other projects and Talcher II augmentation scheme which were awarded to Reliance Power Transmission Ltd (RPTL). The transmission companies of RPTL who are

implementing these projects had filed petition in CERC in August 2011 for time extension and cost revision. Final hearing took place in July 2012. The orders of the CERC are awaited.

## **7.0 Review of Vemagiri – Khammam – Hyderabad 2<sup>nd</sup> 765 kV corridor**

7.1 The proposal to build second 765 kV D/C corridor from Vemagiri pooling station to Hyderabad was discussed in detail. Based on the inputs provided by Powergrid and CEA it was decided that we should withhold the implementation of the Vemagiri – Khammam – Hyderabad 2<sup>nd</sup> 765 kV D/C line until there is certainty of availability of gas for the power projects in Vemagiri area.

## **8.0 Associated Transmission Scheme for Kudgi TPS (3x800 MW)**

8.1 The scheme has already been notified for competitive bidding. CEA informed that Director (Tech), NTPC has requested that the Associated Transmission Scheme for Kudgi TPS (3x800 MW) may be implemented in compressed time schedule through regulated tariff mechanism. CEA informed that they have given a favourable recommendation for the same to MoP.

8.2 REC informed that they were going ahead with the bidding process and they may be allowed to go ahead with the stage II bidding also with the existing documents in order to expeditiously award the project. REC requested POWERGRID to immediately furnish the necessary project information for the purpose of RfQ to which POWERGRID readily agreed. EC also agreed that the bidding may be done on the basis of existing SBDs. REC informed that the beneficiaries for Kudgi TPS are already identified. There should be no difficulty in getting TSA signed from them.

8.3 Director (Projects), POWERGRID observed that the target commissioning indicated by NTPC of 40 months for 800 MW units does not appear to be realistic. It would be difficult for POWERGRID also to implement the scheme in compressed time schedule. The EC advised POWERGRID and CEA to hold a meeting with NTPC in this regard before specifying the time schedule for completion of ATS.

8.4 The EC was of the view that the scheme has already been notified by the Government and we may go ahead with the competitive bidding process. However, it is up to the Government to review the matter.

## **9.0 New Transmission schemes to be taken up through Tariff Based Competitive Bidding**

9.1 Member (PS), CEA intimated that the following Transmission System Strengthening associated with Vindhyachal STPP stage V has been agreed in the 34<sup>th</sup> SCM of WR / 16<sup>th</sup> meeting of WR constituents regarding connectivity/ open access applications:

- (i). Vindhyachal Pooling Station – Jabalpur Pooling station 765 kV D/C line. (to be implemented by Transmission Licensee selected through tariff based competitive bidding route)
- (ii). 1X1500 MVA, 765/400 kV ICT at Vindhyachal Pooling Station. ( to be implemented by POWERGRID as augmentation of transformation capacity)

9.2 The scheme to be taken up under tariff based competitive bidding is as given below:

**Name of the Scheme: ‘Transmission System Strengthening associated with Vindhyachal – V :**

**Scope :**

<b>Transmission Scheme</b>	<b>Estimated line length (km)</b>	<b>Estimated cost (Rs. Cr.)</b>
<b>Vindhyachal Pooling station – Jabalpur pooling station 765 kV D/C line</b>	<b>350</b>	<b>1200</b>
<b>Estimated cost (Rs. Crore)</b>		<b>1200</b>

- Provision of 2 nos. of 765 kV bay at Vindhyachal PS and Jabalpur PS by POWERGRID
- As both Vindhyachal PS and Jabalpur PS are owned by POWERGRID, CTU to augment Vindhyachal PS by installing 1x1500 MVA, 765 kV ICT at Vindhyachal pooling station as augmentation

9.3 CEA informed that NTPC has requested for implementation of the above transmission line in compressed time schedule through regulated tariff mechanism. The matter was deliberated in the Committee and recommended to the Government that the scheme may be implemented through tariff based competitive bidding route. The EC requested the Government to immediately notify the scheme for TBCB so that the bidding process can be started immediately using existing SBDs. However, the Government may take a view in the matter incase it desires to implement the scheme through POWERGRID.

## **10.0 New Pugalur – Hyderabad HVDC scheme in Southern Region**

10.1 CEA made a presentation. The EC advised CEA and CTU to once again review the scheme from the point of view of optimization based on latest assessment of the demand generation scenario of SR.

10.2 Director (Projects), POWERGRID remarked that we will consider an alternate possibility of linking SR with Chhattishgarh region for which detailed studies need to be carried out.

10.3 The Chairman, EC advised CEA and CTU that they may expeditiously review the matter so that implementation of the appropriate scheme is not unnecessarily delayed.

**11.0 Constitution of the Bid Evaluation Committee (BEC) for new transmission schemes.**

11.1 The following Bid Evaluation Committees are constituted for the eight numbers of schemes notified by MoP for implementation under tariff based competitive bidding route.

**(i) Bid Evaluation Committee (BEC) for 'Baira Suil HEP – Sarna 220kV line'**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman
2. *	Shri R. K. Sharma, Director (Projects), H.P. Power Transmission Corporation Ltd., Barowalias House, Khalini, Shimla – 171 002 Office: 0177 – 2623406, Mobile: 09418482408	Member
3. *	Shri D. N. Joshi, Director (Projects), Uttarakhand Power Corporation Limited (PITCUL), Kanwali Road, Balliwala Chowk, Dehradun-248001, Uttarakhand Phone: 0135-2763580, Fax: 0135-2763820	Member
4.	Shri N. C. Jain, Chief Engineer (F&CA) Central Electricity Authority Room no. 402, 4th floor, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by REC Transmission Projects Limited	Convener - Member

\* Representations from RPCs are subject to confirmation.

(ii) **Bid Evaluation Committee (BEC) for 'ATS of Unchahar TPS'**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman
2. *	Shri G. S. Dixit, Chief Engineer (Design & Procurement), Uttar Pradesh Power Transmission Corp. Ltd., Shakti Bhawan Extn, 3 <sup>rd</sup> Floor, 14 Ashok Marg, Lucknow – 226 001 Fax: 0522-2288410	Member
3. *	Shri Prem Prakash, General Manager (Tech.), Delhi Transco Limited, Shakti Sadan, Kotla Marg, New Delhi – 110 002 Fax: 011-23234640	Member
4.	Shri N. C. Jain, Chief Engineer (F&CA) Central Electricity Authority Room no. 402, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K. Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by REC Transmission Projects Limited	Convener - Member

\* Representations from RPCs are subject to confirmation.

(iii) **Bid Evaluation Committee (BEC) for 'Transmission system for the connectivity for NCC Power Projects Ltd (1320MW)'**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower,	Chairman

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>
	Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	
2. *	Shri P. Srirama Rao, Director (Grid Operations), Transmission Corporation of Andhra Pradesh Ltd., Vidyut Soudha, Hyderadabad – 500 082 Fax: 040 – 66665137	Member
3. *	Shri S. Akshaya Kumar, Director (Projects), Tamil Nadu Transmission Corp. Ltd., NPKRR Maaligai, 144, Anna Salai, Chennai – 600 002 Phone: 044-28552708	Member
4.	Shri N. C. Jain, Chief Engineer (F&CA) Central Electricity Authority Room no. 402, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by REC Transmission Projects Limited	Convener - Member

\* Representations from RPCs are subject to confirmation.

**(iv) Bid Evaluation Committee (BEC) for 'Transmission System required for evacuation of power from Kudgi TPS (3X800 MW in Phase-I) of NTPC Limited'**

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman
2. *	Shri S. Pratap Kumar,	Member

<b>S. No.</b>	<b>Name</b>	<b>Designation</b>
	Director (Transmission), Karnataka Power Transmission Corporation Limited, Kaveri Bhawan, K.G. road, Bangalore – 560 009 Phone: 080-22229496 Fax: 080-22228367	
3. *	Shri M. M. Ali Rawther, Member (Transmission & Generation), Kerela State Electricity Board, VydyuthiBhavanam, Pattom, Thiruvananthapuram, Kerela – 695 004 Phone: 0471 - 2445658	Member
4.	Shri N. C. Jain, Chief Engineer (F&CA) Central Electricity Authority Room no. 402, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by REC Transmission Projects Limited	Convener - Member

\* Representations from RPCs are subject to confirmation.

**(v) Bid Evaluation Committee (BEC) for “Transmission System for Patran 400kV S/S”**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
2. *	Shri R. K. Sharma, Chief Engineer (Transmission), Punjab State Transmission corporation Ltd. (PSTCL), Head Office The Mall, Patiala - 147 001 (Fax-0175-2304017 )	Member
3. *	Shri J. K. Juneja, Chief Engineer (Planning), Haryana Vidyut Prasaran Nigam Ltd. (HVPNL), Shakti Bhawan, Sector -6 Panchkula - 134 109 (Fax-0172-2560488)	Member
4.	Shri N. C. Jain, Chief Engineer (F&CA) Central Electricity Authority Room no. 402, Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26102088, Mobile: 9971009793	Member
5.	Sh. Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by PFC Consulting Limited.	Convener - Member

\* Representations from RPCs are subject to confirmation.

**(vi) Bid Evaluation Committee (BEC) for “Part ATS of RAPP U-7&8 in Rajasthan”**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman
2. *	Shri Y. K. Raizada, Director (Technical), RRVNL, Vidyut Bhawan, Janpath Jyoti Nagar, Jaipur Rajasthan Phone 0141-2740827	Member

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
	Fax No: 0141-2740794	
3. *	Shri S. K. Nagesh, Director (Technical), MPPTCL, Shakti Bhawan, Rampur, Jabalpur-482008 Phone – 0761 2661983, Fax 0761 2665593	Member
4.	Shri N. C. Jain, 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
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by PFC Consulting Limited.	Convener - Member

\* Representations from RPCs are subject to confirmation.

**(vii) Bid Evaluation Committee (BEC) for “Eastern Region System Strengthening Scheme-VI”**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman
2. *	Shri Y. K. Thakur, Chief Engineer (Transmission), Bihar State Electricity Board Vidyut Bhavan, Baily Road, Patna-800021. Phone No: 0612 2504984	Member
3. *	Shri R. N. Tiwari, Chief Engineer(Transmission), Jharkhand State Electricity Board, In front of Main Secretariat, Doranda, Ranchi-834002. Phone – 0651- 2400008	Member

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
4.	Shri N. C. Jain, 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
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	Member
6.	Chairman of SPV constituted by PFC Consulting Limited.	Convener - Member

\* Representations from RPCs are subject to confirmation.

**(viii) Bid Evaluation Committee (BEC) for “Eastern Region System Strengthening Scheme-VII”**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
1.	Head, SBI Capital Markets, 6th floor, World Trade Tower, Barakhamba Lane, Connaught Place, New Delhi- 110001 Phone No. 011-23418770 Fax: 011 -23418773	Chairman
2. *	Shri P. Saha, Chief Engineer (CPP), West Bengal State Electricity Transmission Co. Ltd., Vidyut Bhavan, 5th Floor, Block-D, Bidhannagar, Sector-II Kolkata-700091. Mobile: 09836043600	Member
3. *	Shri J. P. Das, Chief General Manager, Orissa Power Transmission Corporation Ltd, Jan path, Bhubaneswar-751022. Phone (Mobile) - 09437012391	Member
4.	Shri N. C. Jain 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
5.	Shri Ravinder Gupta, Director (SP&PA) Central Electricity Authority	Member

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
	Sewa Bhawan, R.K.Puram, New Delhi-110066 Phone No. 011-26732369, Mobile: 9968286184	
6.	Chairman of SPV constituted by PFC Consulting Limited.	Convener - Member

\* Representations from RPCs are subject to confirmation.

**Annexure - I**

**LIST OF PARTICIPANTS OF THE 30<sup>th</sup> MEETING OF THE EMPOWERED  
COMMITTEE ON TRANSMISSION HELD ON October 31<sup>st</sup>,2012**

- |     |  |                  |
|-----|--|------------------|
| 1.  | Shri S. Jayaraman, Member, CERC                        | Chairman         |
| 2.  | Shri Ravinder, Member (PS), CEA                        | Member Secretary |
| 3.  | Shri Dr. Jai Pal Singh, Member, CEA                    | Member           |
| 4.  | Shri I. S. Jha, Director (Projects), PGCIL             | Member           |
| 5.  | Shri V. V .R. K. Rao, former Chairman,CEA              | Member           |
| 6.  | Shri I.A. Khan, Adviser (Energy), Plg Commission       | Member           |
| 7.  | Shri B.K. Arya, Director, CEA                          |                  |
| 8.  | Shri A.K. Yadav, Dy. Director, CEA                     |                  |
| 9.  | Smt Manjari Chaturvedi, Dy. Director, CEA              |                  |
| 10. | Shri Pankaj Kumar, Executive Director (SEF& CE), PGCIL |                  |
| 11. | Shri Dilip Rozekar, DGM (Engg), PGCIL                  |                  |
| 12. | Shri Chandra Prakash, Dy. Chief (Engg), CERC           |                  |
| 13. | Shri V.K. Singh, ACEO, RECTPCL                         |                  |
| 14. | Shri Sanjay Rai, VP, PFC Consulting Ltd                |                  |



भारत सरकार  
विद्युत मंत्रालय  
केन्द्रीय विद्युत प्राधिकरण  
प्रणाली योजना एवं परियोजना मूल्यांकन प्रभाग  
सेवा भवन, आर०के०पुरम, नई दिल्ली-110066  
वेबसाइट/Website: www.cea.nic.in



सं०- 100/ 1 / EC(30) / 2012 - एस०पी० एंड पी०ए०/

दिनांक: 16.11.2012

सेवा में,

(सूची अनुसार )

**विषय : Minutes of the 30<sup>th</sup> meeting of Empowered Committee on  
Transmission held on October 31, 2012 at CERC, New Delhi.**

उपर्युक्त विषय के सन्दर्भ में हमारा पात्र संलग्न हैं ।

संलग्नक : यथोपरि

(रवीन्दर)  
सदस्य (विद्युत् प्रणाली)

**Shri S. Jayaraman**  
**Member, CERC**  
**Chanderlok Building,**  
**36 Janpath,**  
**New Delhi – 110001**

**Dr. Jaipal Singh**  
**Member (E&C),**  
**Central Electricity Authority**  
**Sewa Bhawan, R.K. Puram,**  
**New Delhi – 110066**

**Joint Secretary (Trans.),**  
**Ministry of Power,**  
**Shram Shakti Bhawan, Rafi Marg,**  
**New Delhi – 110001**

**Shri I.A. Khan**  
**Adviser, Planning Commission, Yojana Bhawan, Parliament**  
**Street,**  
**New Delhi – 110001**

**Director (Transmission)**  
**Ministry of Power,**  
**Shram Shakti Bhawan, Rafi Marg,**  
**New Delhi – 110001**

**Shri I. S. Jha**  
**Director (Projects), POWERGRID**  
**Saudamini, Plot No. 2, Sector-29,**  
**Gurgaon – 122001**

**Secretary, CERC**  
**Chanderlok Building,**  
**36, Janpath,**  
**New Delhi-110001**

**Shri V. V. R. K. Rao**  
**Former Chairman, CEA**  
**B-9/C, DDA Flats, Maya Puri,**  
**New Delhi -110064**

**Shri A. K. Mago**  
**Former Chief Secretary (Govt. of Maha.),**  
**C/o Dr. Rita Malhotra,**  
**40, Pushpanjali, Vikas Marg Extension,**  
**(opp. Anand Vihar Colony),**  
**Delhi – 110092**

**CMD,**  
**REC, Core-4, Scope Complex,**  
**7 Lodhi Road,**  
**New Delhi-110003**

**CMD,**  
**PFC, Urjanidhi,**  
**1 Barakhmba Lane,**  
**New Delhi -110001**

**Shri S. K. Gupta,**  
**CEO, RECTPCL, Core-4,**  
**SCOPE Complex,**  
**7 Lodhi Road,**  
**New Delhi – 110 003.**

**Shri N. D Tyagi,**  
**CEO, PFC Consulting Ltd,**  
**First Floor, Urjanidhi,**  
**1 Barakhmba Lane,**  
**New Delhi -110001**