

**SPEED POST**



भारत सरकार  
GOVERNMENT OF INDIA  
विद्युत मंत्रालय  
MINISTRY OF POWER  
केन्द्रीय विद्युत मंत्रालय

(आई एस ओ: 9001-2008)



CENTRAL ELECTRICITY AUTHORITY

सेवा भवन, रामाकृष्णापुरम  
SEWA BHAWAN, R.K. PURAM  
नई दिल्ली - 110 066  
NEW DELHI - 110066

**No. CEA/PLG/DMLF/18 EPS/2011/105-129**

**Dated: 09-01-2012**

To

Members of 18<sup>th</sup> Electric Power Survey Committee (EPSC) of concerned states [as per enclosed list ]

**Subject: Minutes of the meeting held on 4<sup>th</sup> Jan.,2012 regarding 18<sup>th</sup> Electric Power Survey of Mega Cities ( Electric Power Survey of India Vol.II) .**

**Sir/Madam,**

I am enclosing herewith the minutes of the meeting taken by Chairperson, CEA & Chairman 18<sup>th</sup> EPSC on 4<sup>th</sup> January, 2012 to review the programme of Electric Power Survey of Mega Cities being undertaken as part of 18<sup>th</sup> EPS of India for information & necessary action.

Yours faithfully,

**Encl: As above**

(Major Singh)  
Chief Engineer (DMLF)  
& Member Secretary 18<sup>th</sup> EPSC  
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Mb. No.9868818190  
Email: [cedmlfcea@indiatimes.com](mailto:cedmlfcea@indiatimes.com)

Copy to:

1. Joint Secretary (Planning), MoP
2. Chief Engineer (IRP Division), CEA
3. Chief Engineer (IT Division), CEA with the request to get the MoM uploaded on CEA website.

Copy for information & necessary action to:-

The Nodal Officers/representatives of concerned state utilities (As per list).

Copy for information & necessary action to:-

1. Dy. Director, RPSO (SOUTH), Letter Box No.38, 6<sup>th</sup> Floor, 'F' Wing, Kendriya Sadan, Koramangala, Bangluru-560034, Fax:080-25522353. Email: [rpsoscea@kar.nic.in](mailto:rpsoscea@kar.nic.in), To coordinate with concerned Nodal Officers/State Authorities.

2. Dy. Director, RPSO (EAST), 201, CGO Complex, 'A' Wing, DF Block, Sector-1, Salt Lake City, Kolkata-700064. Fax033-23217075. Email: [rpsokolkata@gmail.com](mailto:rpsokolkata@gmail.com), [ceapser@cal3.vsnl.net.in](mailto:ceapser@cal3.vsnl.net.in),
3. Dy. Director, RPSO (WEST), WRPC Building, 5<sup>th</sup> Floor, Plot No.F-3, MIDC Aua Marol, Andheri (East), Mumbai-4000093. Fax: 022-28392399. Email: [rpso-west-mop@nic.in](mailto:rpso-west-mop@nic.in),
4. Dy. Director, RPSO (North), CEA, Sewa Bhawan, R.K. Puram, New Delhi - 66 Fax No. 26510158. Email: [rpsonorth@yahoo.com](mailto:rpsonorth@yahoo.com),

**List of Concerned Members of 18<sup>th</sup> EPSC for Electric  
Power survey of Mega cities**

- 1. Chairman & Managing Director  
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- 2. Director (Technical)  
Gujarat Urja Vikas Nigam Limited  
Sardar Patel Vidyut Bhawan,  
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- 3. Managing Director  
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- 4. Managing Director  
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- 5. Managing Director  
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Bangalore 560 009.  
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- 6. Chairman,  
Tamil Nadu Electricity Board  
NPKRR Maligai  
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- 7. Managing Director**  
**West Bengal State Electricity Transmission Co. Ltd.,**  
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- 8. Executive Director,(Corporate Services & System Operation)**  
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- 9. Chairman & Managing Director**  
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- 10. Chairman & Managing Director**  
**Rajasthan Rajya Vidyut Prasaran Nigam Ltd.**  
**Vidyut Bhavan, Jyoti Nagar,**  
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**LIST OF NODAL OFFICERS OF 18<sup>TH</sup> ELECTRIC POWER  
SURVEY (MEGA CITIES)**

1. **U.P.Power Corporation**  
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2. **The Superintending Engineer (PP&M)**  
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4. **Chief Engineer (Power System)**  
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8. **Shri karmaker**  
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**Minutes of the meeting held on 4<sup>th</sup> January, 2012 regarding 18<sup>th</sup> Electric Power Survey of Mega Cities (Electric Power Survey of India Volume - II).**

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Chairperson, CEA and Chairman 18<sup>th</sup> Electric Power Survey Committee (EPSC) took a meeting in CEA conference room to review the programme for conducting the Electric Power Survey of Mega Cities being undertaken as part of 18<sup>th</sup> EPS of India. The meeting was attended by the representatives of 18<sup>th</sup> EPS Committee of concerned states, State Distribution Companies (DISCOMs) & CEA.

The list of participants is given at **Annex. I.**

Chairperson, CEA welcomed the participants to the meeting and after brief introduction outlined the objective of convening the meeting. He mentioned that the EPS of mega cities is being carried out for cities having population around 20 lakhs and above. He added that the electricity demand forecast is an essential input for planning the infrastructure and generation capacity. He said that electricity demand forecast of mega cities is very essential for State DISCOMs as provision for meeting the growth of electricity demand has to be made by them well in advance. With a view to meet the growth of load, arrangements are to be made by DISCOMs by arranging allocation of power from other sources as setting up of new generating plants near mega cities is very difficult due to environmental considerations. He added that for the purpose of planning the procurement of power in foreseeable future, the pattern of hourly load duration curve is very helpful and is the vital input for assessment of electricity demand. He emphasized the need for submission of the requisite input data on priority to CEA to enable completing the studies. He requested the representatives of the State to discuss with DMLF Division in case of any clarifications regarding the input data for city survey. With these remarks, he requested Chief Engineer (DMLF), CEA & Member Secretary of 18<sup>th</sup> EPS Committee to brief the committee about the progress of studies and other points to be discussed.

Chief Engineer (DMLF), CEA indicated that during the 2<sup>nd</sup> meeting of 18<sup>th</sup> EPS Committee held in March, 2011, it was decided that EPS of Mega Cities will form Volume-II of EPS report. He mentioned that members of States had requested to include the state capitals in the EPS, but due to constraints of time schedule, in the first instance, cities having population around 20 lakhs and above are proposed to be covered for this study. He added that the proformae for submission of input data were sent to members of 18<sup>th</sup> EPS of concerned states and designated nodal officers in July, 2011. He informed that so far partial data has been received for the cities of Lucknow, Kanpur, Kolkata, Chennai, Hyderabad, Ahmedabad, Surat and Indore whereas the data in respect of Greater Mumbai, Nagpur, Bangaluru, Pune & Jaipur have not been received. The master plans for the mega cities which indicate the plan for growth of infrastructure including power sector, industrial development, mass rapid transport as well as grid map of the city indicating the location and details of sub-stations, feeders supplying power to the cities would also provide vital inputs for assessment of long term electricity demand. The daily pattern of hourly load is also helpful for the studies. He requested that the input data may be made available by 20<sup>th</sup> Jan.,2012 as the draft report of the Mega Cities is proposed to be completed by Feb.,2012. He mentioned that any clarifications regarding the input data and other details may be discussed with DMLF Division or concerned RPSO(s).

Thereafter Chairperson, CEA requested the participants to give their views/suggestions on the Electric Power Survey of cities related to their state(s).

### **Maharashtra**

The representative of Maharashtra State Electricity Distribution Company (MSEDCL) informed that the electricity demand of Mumbai is met by 4 DISCOMs, namely, Tata Power, BEST, Reliance Energy and MSEDCL. He added that around 10% of the electricity demand is met by MSEDCL and the remaining part is met by other three DISCOMs. He informed that the

input data in the prescribed proformae in respect of MSEDCL for Nagpur and Pune would be furnished by 20<sup>th</sup> Jan.,2012. Regarding Mumbai, MSETCL would coordinate with all DISCOMs and provide the consolidated data. As regards hourly data of the load pattern, the details are not readily available and are to be segregated from the available data and would be furnished subsequently.

**West Bengal:**

The representative of WBSEDCL informed that the electricity demand for the Kolkata is being met by CESC, which covers around 70% of the demand, and the rest is met by WBSEDCL. The CESC data has already been submitted to CEA. For the rest of the demand catered by WBSEDCL, he informed that the data for the past 2-3 years is available and the same would be submitted to CEA by 15<sup>th</sup> January, 2012. He added that information pertaining to infrastructural development/master plan, power map etc. would also be provided to CEA.

**Karnataka:**

The representative from BESCO (Banagaluru) informed that the information regarding hourly actual availability and actual demand for the previous period is available for the period June, 2011 onwards and same would be submitted. The discrepancies in the input data submitted by BESCO in the meeting were explained by RPSO (East) and the representative assured to submit the complete/corrected data within a week to RPSO (South).

**Madhya Pradesh:**

The representative of Madhya Pradesh Poorv Kshetra Vidyut Vitran Corporation Ltd. (MPPKVVCL) said that the data for the Indore city has already been submitted to CEA at the time of 18<sup>th</sup> EPS data (Vol.I). He handed over hourly data of electricity demand and the Master Plan for Indore city along with map of grid sub stations. The representative informed that IT hub and mass transport system planned for Indore would have

impact of electricity demand and the details for the same would be submitted to CEA.

**Tamil Nadu:**

The representative of TNEB/TANGEDCO mentioned that data is already submitted to CEA. She handed over daily hourly (peak) data for power and metered energy details. She assured to furnish the additional details such as Master Plan, industrial development and power map of Chennai.

**Andhra Pradesh:**

The representative from Andhra Pradesh TRANSCO informed that input data including Master Plan of Hyderabad, hourly load data of the last 4 years is already submitted to CEA. The grid map indicating complete details of sub transmission, feeders etc. would be furnished shortly.

**Gujarat:**

The representative of GUVNL indicated that for the collection of input data/information they have to coordinate with DISCOM viz. Torrent Power. CE (DMLF) mentioned that partial data has been received from the DISCOMs but master plan, power map, details of sub transmission system etc. are yet to be provided. GUVNL was requested to coordinate and the consolidated data/information be furnished by 20<sup>th</sup> Jan.,2012.

After the meeting, the representatives separately held discussion with officer(s) of DMLF Division and respective RPSOs for the clarification of their queries.

After deliberations, it was decided that

- Nodal officer(s) of concerned states will coordinate with DISCOM(s) and complete input data/information would be furnished to DMLF Division & RPSOs by 20<sup>th</sup> Jan.,2012.
- RPSO(s) would prepare the draft report(s) of cities under their respective regions and furnish the same to DMLF Division by 2<sup>nd</sup> week of Feb.,2012.

- The programme for city survey of Lucknow & Kanpur would be discussed separately with Nodal Officer of Uttar Pradesh as the representative of Uttar Pradesh could not attend the meeting due to delay/cancellation of flight.
- The draft reports would be discussed with concerned state(s) in last week of Feb.,2012 and suggestions/modifications (if any) would be considered and incorporated subsequently.

The meeting ended with vote of thanks to Chair.

## LIST OF PARTICIPANTS

### **Meeting of Electric Power Survey of Mega Cities (Vol.II) held n 04.01.2012 in CEA**

#### Central Electricity Authority (CEA)

1. **A.S. Bakshi**  
Chairperson CEA & Chairmen 18<sup>th</sup> EPS Committee
2. **Major Singh**  
Chief Engineer & Member secretary 18<sup>th</sup> EPS Committee
3. **Mangal Singh**  
Director
4. **Hardayal Singh**  
Dy. Director
5. **K. Seshadri**  
Dy. Director
6. **Bhupinder Singh**  
Dy. Director
7. **Sovaran Singh**  
A.D-I
8. **U.K.Gupta**  
Statistical Investigator

#### RPSO (N)

9. **D.K. Meena**  
A.D-I

#### RPSO (W)

10. **J.K. Rathod**  
Dy. Dir.

#### RPSO (S)

11. **Thomas.K. Chacko**  
Dy.Dir.
12. **A.C. Suresh**  
A.D.- I

**RPSO (E)**

13. P.K. De  
A.D.- I

**MSETCL**

14. A.N. Sonkavday  
S.E. (STU)
15. S.G. Purkar  
E.E. (STU)

**MSEDCL**

16. N.R. Sonawane  
S.E.

**MPPKVVCL**

17. A.W. Khan  
S.E.

**MPPTCL**

18. R.K. Harde  
Consultant

**GUVNL**

19. M.R. Patel  
E.E. (Tech)

**APTRANSCO**

20. A. Pardha Sarathi  
A.D.E.

**TANGEDCO (TNEB)**

21. K.Viji  
S.E. (P)

**BESCOM**

22. M.T. Sharanappa  
DGM (Electrical)

**WBSETCL**

23. A. Karmakar  
S.E.

