

भारत सरकार
केन्द्रीय विद्युत प्राधिकरण
समन्वित संसाधन योजना प्रभाग
सेवा भवन, आर. के. पुरम,
नई दिल्ली - ११००६६



GOVERNMENT OF INDIA
MINISTRY OF POWER
CENTRAL ELECTRICITY AUTHORITY
Integrated Resource Division
SEWA BHAWAN, R.K. PURAM
New Delhi - 110066

No. CEA/PLG/IRP/2/10/2015/

Dated 28.8.2015

OFFICE ORDER

Preparation of National Electricity Plan (NEP) is a responsibility entrusted to CEA under Electricity Act,2003. Under Section 3(4) of the Electricity Act,2003 ,the Authority shall prepare the National Electricity Plan in accordance with the National Electricity Policy and notify such plan once in five years after obtaining the approval of the Central Government.

The NEP would include i) short term and long term demand forecast for different regions ii) Integration of proposed capacity addition in generation including renewable and integration thereof (iii) transmission system and development of National Grid (iv) Technological options (v) key inputs viz. infrastructure requirement, fuel requirement, human resource and investment requirement etc.

National Electricity Plan covering the review of 11th Plan, detailed Plan for 12th Plan and perspective Plan for 13th Plan was prepared by CEA in January, 2012 and was notified in the Gazette of India in December,2013 in two volumes (Vo-I – Generation and Vol-II- Transmission).

In order to elicit views of various experts in Power Sector in the work relating to the preparation of the National Electricity Plan for the next five years (2017-2022) ,a **COMMITTEE FOR NATIONAL ELECTRICITY PLAN 2015** has been constituted with following composition:

A. Constitution:

- i) Chairperson, CEA - **Chairman of the Committee**
- ii) Chief Engineer(IRP), CEA - **Member Secretary**

Members

- i) Member(Planning), CEA
- ii) Member(PS), CEA
- iii) Member(Thermal), CEA
- iv) Member(E&C), CEA
- v) Member(Hydro), CEA

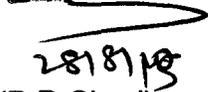
- vi) Member(GO&D), CEA
- vii) Economic Advisor, MOP
- viii) Joint Secretary ,(MNRE)
- ix) Director General, BEE
- x) Advisor(Energy),NITI Ayog
- xi) Director General, CPRI
- xii) Chairman cum Managing Director, NTPC
- xiii) Chairman cum Managing Director, NHPC
- xiv) Chairman cum Managing Director, PGCIL
- xv) Chairman cum Managing Director, PFC
- xvi) Chief Executive Officer, (POSOCO)
- xvii) Chairman cum Managing Director, NPCIL
- xviii) Chairman cum Managing Director, REC
- xix)

B. Terms of Reference of the Committee

- i) To review the likely achievements vis-à-vis targets set for the twelfth plan period towards generation from conventional sources along with reasons for shortfalls, if any.
- ii) To assess the peak load and energy requirement for the period 2017-22 and perspective forecast for 2022-27.
- iii) To assess the incremental capacity requirement to meet the projected load and energy requirement after considering R & M schemes, renewable and captive injection and suggest the feasible break up in terms of thermal, hydro, nuclear etc.
- iv) To make an assessment of the resource requirement like fuel, land, water, indigenous manufacturing capabilities, infrastructural, Human resource for meeting the capacity addition requirements.
- v) To assess investment requirement for generation and transmission capacity addition during 2017-22.
- vi) To suggest energy conservation measures through Demand Side Management and suggest a strategy for low carbon growth.
- vii) Review of latest technological development and R & D in the power sector and to assess its suitability for Indian conditions.

viii) Development of integrated Transmission Plan for the period from 2017-22 and perspective plan for 2022-27 including Grid Security, evacuation of Renewable Energy Sources and exploring SAARC integration.

- C. 1. The NEP committee may co opt any expert as may be considered necessary.
2. NEP committee may constitute separate sub committees on any aspect. The report of the subcommittee(s) shall be submitted to NEP committee for consideration.


28/8/18
(P.D.Siwal)
Secretary, CEA