

I-15/2/2011-P&E
Planning Commission
Power & Energy division

SUBJECT: STEERING COMMITTEE ON ENERGY SECTOR FOR 12TH FIVE YEAR PLAN (2012-2017)

The Integrated Energy Policy (IEP) approved by the Government in December 2008 has identified the need for maximising the development of domestic energy resources, improving energy efficiency and pricing energy at trade parity as key issues to propel economic growth for the country. There is also a need for adopting the latest technology to exploit these resources & efficiently consume them.

2. Energy consumption growth is expected to be in the range of 6.5-7% during 12th plan period to maintain the high economic growth achieved during 10th and 11th plan period. This would also result in increased import dependence from current level of 33% in 2010-11 to about 45-47% in 2017-18, considering requirement of coal for power generation and oil and natural gas for transport and other sectors. Some of the areas which need attention during 12th plan are;
- a) Extraction of Coal Bed Methane (CBM), shale gas, developing Underground coal gas and developing discovered underground coal resources.
 - b) Enhancing domestic oil and gas production including EOR for existing oil fields, speedy development of oil & gas discoveries made during NELP rounds of bidding. Increasing import of LNG and acquiring oil & gas assets overseas.
 - c) Maximising onshore wind potential, solar power capacity addition, evaluate offshore wind potential. Developing potential of biomass & energy from waste.
 - d) Evaluating commercialisation of technology of battery operated cars, electric cars, hybrid vehicles and efficiency improvement of conventional fuel engines.
 - e) Pricing of energy supplies at trade parity to make them market competitive
 - f) Utilisation of energy sources in an efficient manner
 - g) R&D & technology innovation for energy resources development & its utilisation.
3. The working groups on power, petroleum & natural gas, coal, renewable energy, nuclear energy, transport & industries etc. have already been formed and are in process of developing the 12th plan program. The recommendations of these working groups would also form part of steering committee report.
4. In view of the above, a Steering committee under Member (Energy), Planning Commission is being constituted to look into various on Energy sector issues. **The committee will consist of following members.**

1. B.K.Chaturvedi	Chairman
2. Secretary (Finance)	Member
3. Secretary, DEA	Member
4. Secretary (P&NG)	Member
5. Secretary (Commerce)	Member
6. Secretary (Power)	Member
7. Secretary (Coal)	Member
8. Secretary (MNRE)	Member

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9. Secretary (Atomic Energy)	Member
10. Secretary (Transport)	Member
11. Secretary (Heavy Industries)	Member
12. Secretary (MOEF)	Member
13. Secretary (Urban Development)	Member
14. Director General TERI	Member
15. Director General, BEE	Member
16. Shri M.B.Lal, Former CMD HPCL	Member
17. Chairman CEA	Member
18. CMD, ONGC	Member
19. CMD, IOCL	Member
20. CMD, Coal India Ltd	Member
21. CMD, NTPC	Member
22. CMD, BHEL	Member
23. CMD, GAIL	Member
24. CMD, PGCIL	Member
25. CMD, NHPC	Member
26. Shri Vikram Mehta, Chairman, Shell India	Member
27. Shri P.M.S.Prasad, CEO, RIL	Member
28. Shri Lalit Jalan, CEO, Reliance Infra	Member
29. Shri Anil Sardana, MD, Tata Power	Member
30. Shri Girish Sant, Prayas, Pune	Member
31. Director General, CII	Member
32. Director General FICCI	Member
33. Sr. Adviser (Energy)	Member Secretary

5 Terms of Reference

- i) Assess energy demand for the country during 12th Plan & long term projections.
- ii) Assess energy supplies available from different domestic supply sources and import requirements considering demand of energy in 12th plan & beyond.
- iii) Identify energy efficiency measures & policy changes required to improve energy elasticity & development of low carbon economy of GDP.
- iv) Suggest mechanism for maximising exploitation of domestic energy resources including from problem areas.
- v) Enhancing domestic oil & gas production including EOR for existing oil fields, speedy development of oil & gas discoveries made under NELP, developing CBM and Shale Gas Resources etc. Increasing import of LNG and acquiring oil & gas assets overseas.
- vi) Enhance domestic coal production including production of underground coal & acquiring coal assets overseas. Examine the environmental clearance issues for coal blocks.
- vii) Identify measures to develop renewable energy & policy interventions required for the exploitation of onshore & offshore wind power, solar power, biomass, solid waste & other sources.
- viii) Estimate power capacity demand including hydel capacity in 12th plan. It includes issues for fuel availability, developing logistic infrastructure for fuel supply & developing transmission network for evacuation of power.

- ix) Evaluate factors affecting power capacity addition including tariff structure/subsidies and its mitigation to implement the proposed capacity addition during 12th plan.
 - x) Evaluate measures & policy options to enhance nuclear capacity addition in 12th plan & by 2030.
 - xi) Review the pricing structure for oil, natural gas, coal and power sector. Suggest ways to make price of fuels market driven during 12th plan period.
 - xii) Evaluate measures to enhancing private participation in energy sector.
 - xiii) Suggest fiscal framework & tax structure facilitating investment in energy sector.
 - xiv) Suggest technology options for improving efficiency of energy use.
 - xv) Suggest strengthening R&D infrastructure for energy sector.
 - xvi) Estimate the financial resource & investment requirement for energy sector during 12th plan period.
 - xvii) Any other issue as considered appropriate by the steering committee.
6. The Chairman of the Steering Committee may co-opt other experts as he may consider necessary. The Committee will submit its report to the Planning Commission by 30th November, 2011.
7. Non-official members shall be entitled to TA/DA as permissible to Grade I officers of Government of India under SR 190(a) and the expenditure will be borne by Planning Commission. The TA/DA of official members will be borne by their respective organizations as per the rules of entitlement applicable to them.
8. Dr.S.C.Sharma, Officer on Special Duty, Planning Commission, Room No.218, Yojana Bhavan, New Delhi, Tel No. 23096705, will be the Nodal Officer and any further query/correspondence in this regard may be made with him.


 (Dr. S.C.Sharma)
 Officer on Special Duty
 14th June 2011

1 Chairman & Members (including Member-Secretary) of the Steering Committee.

2. Copy for information to:

P.S. to DCH/MOS)/Members/Member-Secretary, Planning Commission.

Principal Adviser (PC&MD)/ JS (SP & Adm.)

Prime Ministers' Office, South Block, New Delhi

Information Officer, Planning Commission For general information in Yojana Bhawan through e-mail