

R-42011/13/2014-OR-II(Vol.II)
Govt. of India
Ministry of Petroleum and Natural Gas

Shastri Bhawan, New Delhi.

Dated: 10.06.2016

OFFICE MEMORANDUM

Subject: Constitution of Working Group for preparing Approach Paper for enhancing Refining Capacity by the year 2040.

India is one of the fastest developing countries in the world and simultaneously, the world energy demand is expected to be double in the next 30 years with energy portfolio undergoing a transition to one that includes a wide range of sources. Such scenario paves the way for gradual shift towards renewable and cleaner fuels richer in hydrogen or to neat hydrogen. It has been envisioned that the Energy mix in 2040 could be entirely different than what it is today. Also, new capacities in petroleum refinery will depend upon aggregation of demand for different petroleum derived products, which itself depends upon substitution by other forms of energy and Government policies.

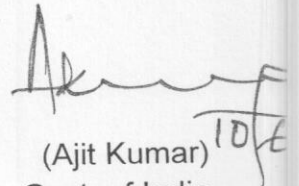
2. It has therefore been felt that an approach paper for refinery capacity expansion of PSU Refineries by the year 2040 may be prepared for meeting the growing demand of petroleum products in the country.

3. Accordingly, with the approval of the competent authority, it has been decided to constitute a Working Group under the Chairmanship of Additional Secretary, Ministry of Petroleum and Natural Gas, for preparation of the aforesaid Approach paper, with the following composition:-

(i)	Additional Secretary, MoP&NG	: Chairman
(ii)	Director (Refinery), IOCL	: Member
(iii)	Director (Refinery), BPCL	: Member
(iv)	Director (Refinery), HPCL	: Member
(v)	Managing Director, NRL	: Member
(vi)	Managing Director, CPCL	: Member
(vii)	Managing Director, MRPL	: Member
(viii)	Director General, PPAC	: Member
(ix)	Executive Director, PCRA	: Member
(x)	Representative of Reliance Industries Ltd.	: Member
(xi)	Representative of ESSAR Oil Ltd.	: Member
(xii)	Executive Director, CHT	: Coordinator

(Contd..)

4. The terms of reference of the Working Group are as follows:
- (a) To assess primary energy requirement for 2040.
 - (b) To assess likely technological developments in different energy fields.
 - (c) To develop Primary Energy Mix with breakup in terms of gas, oil, coal, nuclear, solar, hydro and bio, etc.
 - (d) To assess demand for major petroleum products linking with advancements in use, substitution by other forms of energy, drive on enhancing energy efficiency and Government policies.
5. The Working Group will infer not only the terms of reference, but may also take into account several additional issues which are reticulate and which have a direct bearing on preparation of the approach paper.
6. Additional Members/ Experts : The Working Group may co-opt additional members or engage experts, agencies/consulting firms for any specific studies and technical inputs.
7. Secretariat : Secretarial assistance will be provided by Centre for High Technology(CHT).
8. Tenure : The Working Group will have a tenure of three months from the date of its constitution, or until further Government Orders.
9. This issues with the approval of Hon'ble Minister of State (I/C), Ministry of Petroleum and Natural Gas.



(Ajit Kumar)

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- To
1. Director (Ref), IOCL/BPCL/HPCL
 2. Managing Director, NRL/CPCL/MRPL
 3. Director General, PPAC
 4. Executive Director, PCRA
 5. Executive Director, CHT
 6. President, Reliance Industries Ltd.
 7. CEO, ESSAR Oil Ltd.

Copy also to:

1. PS to MoS (I/C), P&NG
2. Sr. PPS to Secretary, P&NG
3. PPS to Additional Secretary, MoP&NG
4. PS to JS(R), MoP&NG
5. Technical Director (NIC), MoP&NG- for posting on our website.