



No.: CHT/ED/06/2339.

11.03.2020

Sub: Lok Sabha: Diary No: 8148 to be answered on 16.03.2020 regarding Increasing Capacity of Refineries

Q (a) Whether the Government proposes to increase the capacity of all refineries in country:

Ans (a) The country's current refining capacity at present is 249.4 MMTPA comprising of total 23 refineries, out of which 18 refineries are in Public Sector with combined capacity of 142.066 MMTPA, 3 refineries in Private Sector with combined capacity of 88.2 MMTPA and 2 Refineries in JV with combined capacity of 19.1 MMTPA.

A Working Group was constituted by Ministry of Petroleum and Natural Gas to assess the requirement of refining capacity by 2040. The report of the Working Group has been released in Jan, 2018. As per the report, the requirement is estimated to be about 443 MMTPA by 2035 to meet the domestic demand. As per the Capacity expansion plan indicated by Refining Industry, With brownfield expansion of existing refineries (by 125 MMT) and Greenfield Projects at Barmer, Rajasthan (9 MMT) and in West Coast, Maharashtra (60 MMT), the refining capacity will go up from current 249.4 MMTPA to about 443 MMTPA by 2030.

The brownfield expansion includes only in 17 out of total 23 refineries. These include 14 PSU Refineries (excluding IOCL-Digboi, CPCL-Manali, BPCL-Mumbai and ONGC-Tatipaka), 2 Private Sector Refineries (excluding RIL-SEZ) and 1 Joint Venture refinery (BORL - Bina).


Q (b) if so, the refinery-wise details thereof and if not, the reasons therefor;

Q (c) The Capacity of each refinery presently and the extent to which planned to be increased?

Ans (b&c): The refinery-wise present Capacity and expansion plan is as under:

	Refinery	Present Capacity	Increase by	Capacity By 2030
I.	Brownfield Capacity Expansion			
A	Public Sector Units (PSUs)	MMTPA	MMTPA	MMTPA
1	IOCL-Digboi	0.65	0	0.65
2	IOCL-Guwahati	1.00	0.2	1.2
3	IOCL-Barauni	6.00	3	9
4	IOCL-Koyali	13.70	4.3	18.0
5	IOCL-Bongaigaon	2.35	2.65	5.0
6	IOCL-Haldia	7.50	0.5	8.0
7	IOCL-Mathura	8.00	1.2	9.2
8	IOCL-Panipat	15.00	10	25
9	IOCL-Paradip	15.00	10	25
10	CPCL- Manali	10.50	0	10.5
11	CPCL- Nagapattinam	1.00	8	9
12	HPC-Mumbai	7.50	2	9.5
13	HPC- Visakhapatnam	8.30	6.7	15.0
14	BPC-Mumbai	12.00	0	12
15	BPC- Kochi	15.50	4.5	20
16	MRPL - Mangalore	15.00	3	18
17	ONGC- Tatipaka, AP	0.066	0	0.066
18	NRL	3	6	9
	Sub-total PSU (A)	142.066	62.05	204.116
B	Private Sector Units			
19	RIL-DTA, Jamnagar	33.00	30	63
20	RIL – SEZ, Refinery	35.20	0	35.2
21	Nayara Energy - Vadinar	20.00	26	46
	Sub-total Private sector (B)	88.20	56.0	144.2
C	Joint Venture			
22	HMEL - Bhatinda	11.30	Nil	11.3
23	BORL - Bina	7.80	7.2	15
	Sub-Total Joint venture (C)	19.10	7.2	26.3
	Total (I = A + B + C)	249.366	125.25	374.616
II	Green Field Refinery			
1	HPCL Rajasthan Refinery Limited (HRRL), Barmer	-	9	9
2	West Coast refinery	-	60	60
	Total (II)	-	69	69
	Grand Total (I+II)	249.366	194.25	443.616

The expansion of above refineries is subject to techno-economic consideration.

Prepared by		Approved by		Seen by	
Signature	 11/3/2020	Signature	 11/3/2020	Signature	
Name	S.R.Kulkarni	Name	P.Raman	Name	K.K.Jain
Designation	Addl. Director-CHT	Designation	Director- CHT	Designation	ED-CHT
Mobile No.	9892067088	Mobile No.	9920536279	Mobile No.	8586975950