



No.: CHT/ED/06 / 2681

03.02.2021

**Sub:** Rajya Sabha Provisionally Admitted Question Starred/Unstarred : Diary No: S1495 dated 01.02.2021 to be answered on 10.02.2021 regarding Increasing Oil Refining Capacity

**Q (a)** Whether the Government is considering to increase oil refining capacity in country:

Ans (a) Yes.

**Q (b)** if so, the steps being taken by Government in this regard and extent of capacity likely to be increased by the year 2025; and if so

**Q (c)** the details thereof ?

Ans (b&c): The country's current refining capacity at present is 248.87 MMTPA comprising of total 23 refineries, out of which 18 refineries are in Public Sector with combined capacity of 141.57 MMTPA, 3 refineries in Private Sector with combined capacity of 88.20 MMTPA and 2 Refineries in JV with combined capacity of 19.10 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.

By the year 2025, the refining capacity will go up from current 248.87 MMTPA to about 298.12 MMTPA i.e by 49.25 MMTPA, with the brownfield expansion of existing refineries (by 40.25 MMTPA) and Greenfield Projects at Barmer, Rajasthan (9 MMTPA).

The refinery-wise details of present Capacity and expansion plan upto 2025 is given in Annexure-1 :

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## Annexure-1

	Refinery	Present Capacity	Increase by	Capacity By 2025
<b>I.</b>	<b>Brownfield Capacity Expansion</b>			
<b>A</b>	<b>Public Sector Units (PSUs)</b>	<b>MMTPA</b>	<b>MMTPA</b>	<b>MMTPA</b>
1	IOCL-Digboi	0.65	0	0.65
2	IOCL-Guwahati	1.00	0.20	1.20
3	IOCL-Barauni	6.00	3.00	9.00
4	IOCL-Koyali	13.70	4.30	18.00
5	IOCL-Bongaigaon	2.35	0.35	2.70
6	IOCL-Haldia	8.00	0	8.00
7	IOCL-Mathura (Note-1)	8.00	1.20	9.20
8	IOCL-Panipat	15.00	0	15.00
9	IOCL-Paradip	15.00	0	15.00
10	CPCL- Manali	10.50	0	10.50
11	CPCL- Nagapattinam (Note-2)	0.00	9.00	9.00
12	HPC-Mumbai	7.50	2.00	9.50
13	HPC- Visakhapatnam	8.30	6.70	15.00
14	BPC-Mumbai	12.00	0	12.00
15	BPC- Kochi	15.50	0	15.50
16	MRPL - Mangalore	15.00	0	15.00
17	ONGC- Tatipaka, AP	0.066	0	0.066
18	NRL	3.00	6.00	9.00
	<b>Sub-total PSU (A)</b>	<b>141.57</b>	<b>32.75</b>	<b>174.32</b>
<b>B</b>	<b>Private Sector Units</b>			
19	RIL-DTA, Jamnagar	33.00	7.50	40.50
20	RIL – SEZ, Refinery	35.20	0	35.20
21	Nayara Energy - Vadinar	20.00	0	20.00
	<b>Sub-total Private sector (B)</b>	<b>88.20</b>	<b>7.50</b>	<b>95.70</b>
<b>C</b>	<b>Joint Venture</b>			
22	HMEL - Bhatinda	11.30	0	11.30
23	BORL - Bina	7.80	0	7.80
	<b>Sub-Total Joint venture (C)</b>	<b>19.10</b>	<b>0</b>	<b>19.10</b>
	<b>Total (I = A + B + C)</b>	<b>248.87</b>	<b>40.25</b>	<b>289.12</b>
<b>II</b>	<b>Green Field Refinery</b>			
1	HPCL Rajasthan Refinery Limited (HRRL), Barmer	-	9.00	9.00
	<b>Total (II)</b>	<b>-</b>	<b>9.00</b>	<b>9.00</b>
	<b>Grand Total (I+II)</b>	<b>248.87</b>	<b>49.25</b>	<b>298.12</b>

Note-1 : Subject to Environmental Clearance

Note-2 : Operation of Cauvery Basin Refinery (CBR) of CPCL of 1.0 MMTPA Capacity has been stopped since 1.4.2019 and a new refinery of 9 MMTPA has been planned



**Note for Supplementary to Rajya Sabha Provisionally Admitted Question Starred/Unstarred :  
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The refinery-wise details of Capacity expansion plan upto 2025 are furnished below:

S. No	Refinery	Capacity expansion MMTPA	Current Status
1	IOCL-Guwahati	1 to 1.2	Under Conceptualization. Target 2023-24.
2	IOCL-Bongaigaon	2.35 to 2.7	The Project has been completed and commissioned on 30 <sup>th</sup> October,2020. However, revamp of OIL's (Oil India Limited) Barauni-Bongaigaon imported crude pipeline from 2.35 to 3.0 MMTPA is expected to be completed by Apr'2021. Hence, full capacity utilization after revamp from 2.35 to 2.70 MMTPA will be possible by May-June,2021.
3	IOCL- Barauni	6 to 9	Under Progress. Completion by 2023-24.
4	IOCL- Gujarat	13.7 to 18	Under Progress. Completion by 2024-25.
5	IOCL-Mathura	8 to 9.2	Investment proposal awaiting Environmental Clearance (EC)
6	CPCL-CBR	9.0	Under Progress. Completion by 2024-25.
7	HPCL-Mumbai	7.5 to 9.5	Under Progress. Completion by 2021-22.
8	HPCL- Vizag	8.3 to 15	Under Progress. Completion by 2021-22.
9	NRL	3 to 9	Under progress. Expansion by 2024-25.
10	RIL-DTA	33 to 40.5	Expansion to 40.5 by 2021-22.
	<b>Grass Root Refinery</b>		
11	HPCL Rajasthan Refinery Limited (HRRL), Barmer	9.0	Under Progress. Completion by 2023-24.