

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM AND NATURAL GAS

LOK SABHA
UNSTARRED QUESTION NO.2520
TO BE ANSWERED ON 14th December, 2015

Crude Oil and Natural Gas Production

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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether the production of crude oil and natural gas is lagging behind the requirement in the country and if so, the details thereof for the last three years along with plan prepared to deal with the said problem by oil companies including signed a Memorandum of Understanding with State Governments;

(b) whether the oil, natural gas and petroleum products demand expected to triple by 2050, as analysed by International Energy Agency if so, the details thereof along with any plans chalked out by the Government to enhance investment in oil and gas exploration in order to boost domestic production to meet rising demand of oil, gas and other petroleum products in future;

(c) whether the Government has prepared a road map for marketing of petroleum products in a competitive environment to ensure energy security and make India self-reliant in the exploration and production of oil and gas and if so, the details thereof;

(d) whether there is decline in domestic production of crude oil and natural gas produced by upstream/private companies during the last three years and shows little sign of improvement during the current year and if so, the details thereof, private/public sector company/year-wise; and

(e) the details of domestic production and consumption of petroleum products including crude oil and natural gas produced by public and private sector companies during each of the last three years and the current year, Oil Marketing Companies (OMCs)/upstream companies/productwise including kerosene?

ANSWER

MINISTER OF STATE (I/C) IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DHARAMENDRA PRADHAN)

(a) to (d): In 2014-15, import dependency on crude oil and natural gas was 78.6% and 31.7% respectively. Exploration and production companies do not sign Memorandum of Understanding about crude oil and natural gas production with the State Government. Crude oil and natural gas production during last 3 years and current year is given in **Annexure-I.**

Demand for petroleum products and natural gas depends on a number of factors including economic growth rate, share of oil and gas in energy basket etc. With higher GDP growth rate, demand for petroleum products and natural gas is also expected to go up.

In order to accelerate the pace of exploration and production of oil and gas in the country, the Government has taken various policy initiatives which are as under:

- Government has approved Marginal Field Policy for monetisation of 69 discoveries.
- Appraisal of about 1.5 million sq. km un-appraised area of the Indian Sedimentary Basins.
- Re-assessment of Hydrocarbon Resources.
- Setting up of National Data Repository.
- Policy for exploration and exploitation of Shale Gas/Shale Oil resources by NOCs under the Nomination Regime.
- Policy for exploration in the Mining Lease (ML) areas after the expiry of exploration period.

- Offering of exploration blocks through bidding round.
- Policy on Non-exclusive Multi-client Speculative Survey for assessment of unexplored sedimentary basins.
- Policy frame work for relaxations, extensions and clarifications at the development and production stage under the PSC regime for early monetisation of hydrocarbon discoveries.

Most of the petroleum productions including petrol and diesel have been de-regulated and Oil Marketing Companies have chalked out their own strategies to market their products in a competitive environment.

(e): The details of domestic production and consumption of petroleum products produced by public and private sector companies during each of the last three years and the current year are given in the **Annexure-II**.

Annexure-I

Crude oil Production (Million Metric Tonnes)

Year	2012-13	2013-14	2014-15	2015-16 (April-Oct)
ONGC (Nomination)	22.56	22.24	22.26	13.15
OIL (Nomination)	3.66	3.47	3.41	1.92
PSC Regime	11.64	12.08	11.78	6.77
Total	37.86	37.79	37.46	21.83

Natural Gas Production (Billion Cubic Meters)

Year	2012-13	2013-14	2014-15	2015-16 (April-Oct)
ONGC (Nomination)	23.55	23.28	22.02	12.68
OIL (Nomination)	2.64	2.63	2.72	1.60
PSC Regime	14.49	9.50	8.91	4.97
Total	40.68	35.41	33.65	19.24

Table-1: Production of Petroleum Products during last three years and current year (TMT)

	2012-13					2013-14					2014-15					2015-16 (Apr-Sep) (PROV)				
	PSU	Private	Refinery Total	Fractionators/ Gas processing Plants	Grand Total	PSU	Private	Refinery Total	Fractionators/ Gas processing Plants	Grand Total	PSU	Private	Refinery Total	Fractionators/ Gas processing Plants	Grand Total	PSU	Private	Refinery Total	Fractionators/ Gas processing Plants	Grand Total
PRODUCTS																				
LPG	5190	2511	7701	2130	9830	5437	2455	7892	2140	10032	5630	2032	7662	2178	9840	3109	908	4017	983	5001
NAPHTHA	9045	8132	17177	1674	18851	9230	7809	17039	1468	18507	7979	8241	16220	1246	17466	3990	4061	8051	568	8619
MS	14792	15327	30120		30120	15915	14360	30275		30275	17455	14778	32233		32233	9172	7661	16832		16832
ATF	6705	3372	10077	11	10089	7207	3993	11200	10	11210	6553	4521	11074	11	11086	3186	2241	5427	2	5429
SKO	7390	563	7953	103	8056	6975	375	7351	80	7431	7181	381	7562	72	7634	3584	116	3699	37	3737
HSD	55002	36070	91072	18	91090	57205	36562	93767	16	93783	59278	35051	94328	9	94337	30735	17104	47839	4	47843
LDO	400	0	400		400	423	0	423		423	351	0	351		351	209	0	209		209
LUBES	937	0	937		937	941	0	941		941	887	0	887		887	503	0	503		503
FUEL OIL	10449	4064	14514		14514	10683	2271	12953		12953	9148	2335	11482		11482	3960	1328	5288		5288
LSHS / HPS	1290	0	1290		1290	507	0	507		507	694	0	694		694	263	0	263		263
BITUMEN	4486	184	4670		4670	4509	265	4774		4774	4415	275	4690		4690	2095	119	2214		2214
OTHER	6959	20862	27821	154	27975	7308	22012	29320	158	29478	7516	22383	29899	141	30041	4411	11309	15719	70	15789
TOTAL PRODUCTS	122647	91085	213732	4089	217821	126338	90103	216441	3872	220313	127086	89997	217083	3657	220740	65216	44846	110062	1664	111726

Annexure-II

Table 2:Consumption of Petroleum Products during last three years and current year (TMT)

	2012-13			2013-14			2014-15			2015-16 Apr-Sep ((Prov)		
	PSU	Private	Total	PSU	Private	Total	PSU	Private	Total	PSU	Private	Total
PRODUCTS												
PG	15202	398	15601	15925	369	16294	17571	429	18000	8998	197	9195
APHTHA	15458	286	15744	16727	401	17128	18588	487	19075	10372	329	10701
S	5197	7092	12289	5414	5891	11305	4814	6268	11082	2265	4466	6731
TF	5089	182	5270	5304	201	5505	5319	404	5723	2701	277	2978
CO	7502	0	7502	7165	0	7165	7087	0	7087	3424	0	3424
SD	69025	55	69080	68200	164	68364	68701	715	69416	35247	983	36230
DO	399	0	399	386	0	386	365	0	365	194	0	194
UBES	1222	1974	3196	1218	2087	3305	1162	2148	3310	577	988	1565
FUEL OIL	5250	1041	6291	4720	1067	5787	4790	794	5584	2597	496	3093
HS / HPS	1366	0	1366	449	0	449	377	0	377	90	0	90
TUMEN	4372	304	4676	4500	506	5007	4366	707	5073	1985	430	2415
OTHER	4017	11627	15644	4269	13443	17712	4476	15952	20428	2621	8989	11610
TOTAL PRODUCTS	134098	22959	157057	134277	24130	158407	137616	27904	165520	71069	17155	88224

Private consumption includes private imports also

Source: Oil Companies