

MINISTRY OF PETROLEUM & NATURAL GAS
LOK SABHA
UNSTARRED QUESTION No. 856
TO BE ANSWERED ON 21.11.2016

Import of Crude Oil

856. SHRI ANTO ANTONY:
SHRI YOGI ADITYA NATH:
SHRI BHEEMRAO B. PATIL:
SHRI NANA PATOLE:
SHRI KONDA VISHWESHWAR REDDY:
SHRI PR. SENTHIL NATHAN:
DR. K. GOPAL:
SHRI C. MAHENDRAN:
SHRI P. KUMAR:
SHRIMATI V. SATHYA BAMA:
SHRI INNOCENT:

पेट्रोलियम और प्राकृतिक गैस मंत्री

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

(a) the quantum of crude oil, natural gas, diesel and LPG imported and amount spent in terms of rupee and dollar on imports from various countries including Middle East countries and Iran during the last three years and the current year, country/public/private sector company/ product-wise;

(b) the steps taken to increase the production of crude oil and petroleum products to meet the domestic demands as well as to increase the export of petroleum products and make the country zero import dependence and developing alternative fuel economy in the country including leasing out of potential crude oil wells to private companies;

(c) whether the Government has created/ proposes to create storage reserve of petroleum products to take the benefits of low crude oil prices and rising demand in the country;

(d) if so, the details thereof along with the existing storage capacity of various Oil Marketing Companies (OMCs) along with expenditure incurred on construction of caverns and reasons for delay in construction of the said caverns, location/ State/UT-wise;

(e) the details of domestic production and consumption of petroleum products including petrol, diesel, LPG, CNG, crude oil and natural gas capacity of public and private sector companies during the said period along with the steps taken to remove the gap of demand and supply, Oil Marketing Companies (OMCs)/product-wise; and

(f) whether the Government has signed any agreement with other countries to import oil for storage purpose and to take advantage of the sharp fall in the prices of crude oil in the international market and pass on to consumers accordingly and if so, the details thereof?

पेट्रोलियम और प्राकृतिक गैस मंत्रालय में राज्य मंत्री (स्वतंत्र प्रभार)

(श्री धर्मेन्द्र प्रधान)

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI DHARMENDRA PRADHAN)

(a): The quantum of crude oil, natural gas, diesel and LPG imported and amount spent in terms of rupee and dollar on imports from various countries including Middle East countries and Iran during the last three years and the current year is given in Annexure-I.

(b): The roadmap for reduction of import of crude oil dependence lays down following steps:

- i. Increasing production of oil & gas;
- ii. Promoting energy efficiency and conservation measures;
- iii. Giving thrust on demand substitution;
- iv. Capitalizing untapped potential in biofuels and other alternate fuels/renewable; and
- v. Implementing measures for refinery process improvements.

(c) & (d): The Government, through Indian Strategic Petroleum Reserve Limited (ISPRL) has constructed crude oil reserves at Visakhapatnam, Mangalore and Padur. The total storage capacity of these reserves is 5.33 MMT. The total cost of construction of the reserves is Rs 4098.35 Crore. There are local issues relating to laying of 42" diameter pipeline and a 110 KV HT Power line for making the Padur facility operational.

The existing gross tankage of various Oil Marketing Companies (OMCs) is 15,446 TMT.

(e): The details of domestic production and consumption of petroleum including petrol, diesel, LPG, crude oil and natural gas capacity of public and private sector companies during the said period are given in Annexure-II.

(f): Public sector OMCs procure crude oil as per Crude Import Policy. Crude Oil is procured on term and spot basis from NOCs and other registered parties with OMCs.

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 856 BY SHRI ANTO ANTONY, SHRI YOGI ADITYA NATH, SHRI BHEEMRAO B. PATIL, SHRI NANA PATOLE, SHRI KONDA VISHWESHWAR REDDY, SHRI PR. SENTHIL NATHAN, DR. K. GOPAL, SHRI C. MAHENDRAN, SHRI P. KUMAR, SHRIMATI V. SATHYA BAMA AND SHRI INNOCENT: TO BE ANSWERED ON 21.11.2016 REGARDING "IMPORT OF CRUDE OIL".

Details of crude oil and POL imports by PSU and Private oil companies product wise						
Crude oil and POL imports	2013-14			2014-15		
	Quantity	VALUE		Quantity	VALUE	
	TMT	Rs. Crore	\$ MILLION	TMT	Rs. Crore	\$ MILLION
Crude oil imports						
PUBLIC SECTOR	93676	447615	73664	94909	355382	58196
JOINT SECTOR (JV)	15583	70471	11639	12992	44606	7300
PRIVATE SECTOR	79979	346789	57659	81533	287428	47247
Sub-total (a)	189,238	864,875	142,962	189,435	687,416	112,744
POL imports						
PUBLIC SECTOR (PSU)						
LPG	6199	35087	5796	7884	34547	5627
PETROL	235	1481	248	372	2301	375
NAPHTHA	150	875	143	104	517	84
AVIATION GAS	2	31	5	2	29	5
AVIATION TURBINE FUEL	0	0	0	0	0	0
KEROSENE	0	0	0	30	172	29
DIESEL	0	0	0	40	223	36
FUEL OIL	31	134	21	72	213	35
LUBES	3	23	4	0	0	0
BITUMEN	0	0	0	0	0	0
OTHERS*	46	370	60	93	753	123
Sub-Total (b)	6,666	38,002	6,277	8,598	38,755	6,315
PRIVATE SECTOR						
LPG	369	2126	348	429	2023	328
NAPHTHA	870	5169	839	930	4075	660
AVIATION TURBINE FUEL	0	0	0	140	706	114
DIESEL	77	452	74	83	447	72
FUEL OIL	696	2740	450	570	2162	350
LUBES	2087	12962	2118	2148	12702	2067
BITUMEN	246	801	132	517	1623	262
OTHERS*	5687	13645	2228	7886	12150	1970
Sub-Total (c)	10,031	37,894	6,188	12,704	35,888	5,823
Total of POL imports (d) =(b+c)	16,697	75,896	12,466	21,301	74,644	12,138
Grand Total of Imports e= (a+d)	205,935	940,771	155,427	210,736	762,060	124,882

Source: Petroleum Planning & Analysis Cell

*Others in import include Paraffin wax, Petroleum Jelly, LSWR , Pet coke, CBFS etc.

Annexure-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF LOK SABHA UNSTARRED QUESTION NO. 856 BY SHRI ANTO ANTONY, SHRI YOGI ADITYA NATH, SHRI BHEEMRAO B. PATIL, SHRI NANA PATOLE, SHRI KONDA VISHWESHWAR REDDY, SHRI PR. SENTHIL NATHAN, DR. K. GOPAL, SHRI C. MAHENDRAN, SHRI P. KUMAR, SHRIMATI V. SATHYA BAMA AND SHRI INNOCENT: TO BE ANSWERED ON 21.11.2016 REGARDING "IMPORT OF CRUDE OIL".

Details of crude oil and POL imports by PSU and Private oil companies product wise						
Crude oil and POL imports	2015-16			2016-17(Apr-Sep) ^(P)		
	Quantity	VALUE		Quantity	VALUE	
	TMT	Rs. Crore	\$ MILLION	TMT	Rs. Crore	\$ MILLION
Crude oil imports						
PUBLIC SECTOR	103646	223916	34236	55952	17896	119779
JOINT SECTOR (JV)	17557	35548	5465	8758	2563	17165
PRIVATE SECTOR	81647	157115	24271	42055	11704	78355
Sub-total (a)	202,850	416,579	63,972	106765	32163	215299
POL imports						
PUBLIC SECTOR (PSU)						
LPG	8470	24251	3691	4593	1624	10914
PETROL	1012	4207	648	443	222	1499
NAPHTHA	135	437	66	83	35	233
AVIATION GAS	2	15	2	1	1	9
AVIATION TURBINE FUEL	11	48	7	0	0	0
KEROSENE	41	158	25	0	0	0
DIESEL	122	275	41	724	293	1965
FUEL OIL	135	298	46	45	12	82
LUBES	5	93	14	0	0	0
BITUMEN	0	0	0	13	3	24
OTHERS*	122	584	90	78	52	343
Sub-Total (b)	10,056	30,367	4,631	5,980	2,242	15,069
PRIVATE SECTOR						
LPG	489	1527	231	203	90	581
NAPHTHA	2796	9143	1397	1304	673	3756
AVIATION TURBINE FUEL	275	841	128	159	65	501
DIESEL	55	330	50	11	5	38
FUEL OIL	592	1193	181	421	139	723
LUBES	2259	9385	1425	1158	651	4326
BITUMEN	879	1832	279	510	116	801
OTHERS*	12054	10744	1631	8010	860	5418
Sub-Total (c)	19,400	34,994	5,321	11,775	2,597	16,143
Total of POL imports (d) =(b+c)	29,456	65,361	9,952	17,755	4,839	31,212
Grand Total of Imports e= (a+d)	232,306	481,940	73,924	124,520	37,002	246,511

Import of LNG during 2013-14 to 2016-17 (Apr-Aug)(P)											
2013-14			2014-15			2015-16			2016-17(Apr-Aug) ^(P)		
Quantity	VALUE		Quantity	VALUE		Quantity	VALUE		Quantity	VALUE	
TMT	\$ MILLION	Rs. Crore	TMT	\$ MILLION	Rs. Crore	TMT	\$ MILLION	Rs. Crore	TMT	\$ MILLION	Rs. Crore
13021	8554	51699	13289	9231	56340	14377	6710	43782	7167	2223	148931

Source: Petroleum Planning & Analysis Cell (P): Provisional

*Others in import include Paraffin wax, Petroleum Jelly, LSWR , Pet coke, CBFS etc.

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Import of crude oil : Region wise/country wise						
(Million metric tonne)						
Region	Sl. no.	Country	2013-14	2014-15	2015-16	2016-17 (Apr-Sep) (P)
Middle East	1	Iran	11.0	11.0	12.7	12.1
	2	Iraq	24.6	24.5	36.8	19.6
	3	Kuwait	20.4	17.9	11.0	5.1
	4	Neutral Zone	0.0	0.0	0.0	0.0
	5	Oman	2.1	0.8	0.6	0.4
	6	Qatar	5.1	4.5	4.0	3.0
	7	Saudi Arabia	38.2	35.0	40.4	20.4
	8	Syria	0.0	0.0	0.0	0.0
	9	UAE	14.0	16.1	15.7	8.3
	10	Yemen	0.5	0.2	0.0	0.0
		Sub total	115.9	109.9	121.2	68.8
Africa	11	Algeria	0.5	0.4	0.5	0.9
	12	Angola	8.2	7.1	7.4	3.4
	13	Cameroon	0.7	1.3	1.4	0.7
	14	Chad	0.0	0.3	1.2	0.4
	15	Congo	0.0	0.6	0.4	0.1
	16	Egypt	2.6	2.5	2.7	1.5
	17	Equatorial Guinea	0.4	1.4	1.4	1.1
	18	Kenya	0.0	0.0	0.0	0.0
	19	Gabon	0.8	0.7	0.1	0.1
	20	Ivory Coast	0.0	0.0	0.1	0.1
	21	Libya	0.3	0.0	0.0	0.0
	22	Nigeria	16.4	17.8	23.4	8.5
	23	West Africa	0.0	0.0	0.0	0.0
	24	Sudan	0.6	0.9	0.2	0.0
		Sub total	30.4	33.0	38.8	16.9
Asia	25	Brunei	1.1	1.3	1.3	0.8
	26	China	0.0	0.0	0.0	0.0
	27	Malaysia	2.2	3.5	3.2	1.9
	28	Singapore	0.0	0.0	0.0	0.0
	29	South Korea	0.0	0.0	0.0	0.0
	30	Japan	0.1	0.0	0.3	0.0
	31	Cambodia	0.0	0.0	0.2	0.0
	32	Indonesia	0.0	0.0	0.1	0.4
	33	Pakistan	0.0	0.0	0.0	0.0
		Sub total	3.4	4.7	5.1	3.0
South America	34	Brazil	3.4	4.1	4.0	1.5
	35	Columbia	6.3	4.2	1.2	0.0
	36	Ecuador	0.3	1.6	1.5	0.3
	37	Panama	0.0	0.0	0.0	0.0
	38	Argentina	0.2	0.1	0.2	0.0
	39	Venezuela	21.6	24.4	23.6	12.3
		Sub total	31.7	34.5	30.5	14.1
Eurasia	40	Azerbaijan	1.4	1.1	0.7	1.1
	41	Kazakhstan	0.5	0.5	0.5	0.1
	42	Russia	0.1	0.3	0.4	0.3
	43	Norway	0.0	0.0	0.0	0.0
		Sub total	2.1	1.9	1.6	1.4
North America	44	Canada	0.2	0.2	0.0	0.0
	45	Mexico	4.9	5.1	4.9	2.2
	46	Guatemala	0.0	0.0	0.0	0.0
		Sub total	5.2	5.2	5.0	2.2
Europe	47	Turkey	0.0	0.0	0.0	0.0
	48	UK	0.0	0.0	0.0	0.0
	49	Albania	0.3	0.1	0.0	0.0
		Sub total	0.3	0.1	0.0	0.0
Australia	50	Australia	0.4	0.1	0.5	0.2
		Total	189.2	189.4	202.9	106.8

Source: Petroleum Planning & Analysis Cell (P): Provisional

Annexure-II

ANNEXURE REFERRED TO IN REPLY TO PART (e) OF LOK SABHA UNSTARRED QUESTION NO. 856 BY SHRI ANTO ANTONY, SHRI YOGI ADITYA NATH, SHRI BHEEMRAO B. PATIL, SHRI NANA PATOLE, SHRI KONDA VISHWESHWAR REDDY, SHRI PR. SENTHIL NATHAN, DR. K. GOPAL, SHRI C. MAHENDRAN, SHRI P. KUMAR, SHRIMATI V. SATHYA BAMA AND SHRI INNOCENT: TO BE ANSWERED ON 21.11.2016 REGARDING "IMPORT OF CRUDE OIL".

Production Vs Consumption of Petroleum Products				
('000MT)				
Major Products	2015-16 ^(P)		2016-17 Apr-Sep ^(P)	
	Production	Consumption	Production	Consumption
LPG	10600	19623	5301	10229
Naphtha	17676	13271	9541	6622
MS	35321	21847	17918	11860
ATF	11793	6262	6727	3348
SKO	7503	6826	3351	3079
HSD	98588	74647	50214	37266
LDO	429	407	216	220
Lubes	1037	3571	529	1793
FO	10691	6632	6194	3697
Bitumen	5157	5938	2389	2681
Others*	32480	25650	17382	14773
Total	231276	184674	119762	95567
Notes:				
Source: Petroleum Planning & Analysis Cell P=Provisional				
* Others include products like Petcoke, Propylene, solvents (Hexane, Benzene, Toluene, Xylene and Specialty solvents), Reformate, Mineral Turpentine Oil, Carbon Black Feed Stock, Waxes, Sulphur etc.				

Production of indigenous crude oil (in MMT)		
Oil company	2015-16	2016-17 Apr-Sep) (P)
ONGC	22.4	11
OIL	3.2	1.6
Pvt. /JVs	11.4	5.4
TOTAL	36.9	18.1

Production and consumption of Natural gas		
(MMSCMD)		
	2015-16	2016 (Apr-Sep) ^(P)
Gross Production	88.11	85.92
Net Production (net of flare and loss)	85.08	83.01
*LNG Import	58.22	69.14
Total Consumption including internal use (Net Production+ LNG import)	143.30	152.15
Total Consumption (in BCM)	52.4	27.8
Total Consumption (in MMSCM)	52448	27844

*LNG imports include both term and spot cargo
 LNG imports data in Million Metric Ton (MMT), converted to MMSCM, 1MMT=1325 MMSCM
 BCM= Billion cubic meter
 MMSCMD : Million Standard Cubic Meter per day
 MMT= Million Metric Ton
 Source: Petroleum Planning & Analysis Cell (P): Provisional