

**LOK SABHA
UNSTARRED QUESTION NO.5579
TO BE ANSWERED ON 2nd APRIL, 2018**

NATIONAL DATA REPOSITORY

**5579. SHRI A. ARUNMOZHITHEVAN:
SHRI RAJESHBHAI CHUDASAMA:**

पेट्रो लयम और प्राकृतिक गैस मंत्री

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

- (a) whether the Government has launched the National Data Repository along with the Open Acreage Licensing Policy and if so, the details thereof;
- (b) whether the lack of updated, validated geological and geophysical data on Indian sedimentary basin was hampering our exploration and production efforts and if so, the details thereof;
- (c) the State-wise list of places identified for hydrocarbons in the country and the number of projects started/proposed to be started during the last three years and the current year; and
- (d) whether many States have objected against starting hydrocarbon projects in their States and if so, the details thereof and the reasons therefor?

ANSWER

पेट्रो लयम और प्राकृतिक गैस मंत्रालय में मंत्री (श्री धर्मन्द्र प्रधान)

**MINISTER IN THE MINISTRY OF PETROLEUM & NATURAL GAS
(SHRI DHARMENDRA PRADHAN)**

(a) & (b): Exploration & Production (E&P) operations in India have generated voluminous data in terms of geo-scientific surveys, exploratory and development drilling and well data along with other type of data. National Data Repository (NDR) has been setup at Directorate General of Hydrocarbon to make the entire E&P data available for commercial exploitation, research & development and academic purpose. With the availability of data on National Data Repository (NDR), the contactors can have the access to data & can make their own assessment about the prospectivity of the area. The contractor can carve out hydrocarbon block/ field of his choice based on the data and submit Expression of Interest (Eoi) for bidding under the Open Acreage Licensing Policy (OALP). NDR has been launched on 28th June, 2017.

(c): The State-wise details of reserves accretion alongwith quantum of oil and gas available in those reserves by Oil and Natural Gas Corporation (ONGC) Limited, Oil India Limited (OIL), Private/Joint Venture (Pvt./JVs) in the country during the financial year 2014-15 to January, 2018 are at Annexure.

(d): Exploratory activities are kept on hold in State of Nagaland in absence of permission of State Government. Also, in Neduvasal, Tamilnadu some local people/ organizations have filed petition in National Green Tribunal (NGT) against the exploration and production activities in the area.

To be referred in reply of Lok Sabha Unstarred Question No. 5579 be answered on 02.04.2018
Company (Operator)wise reserves details given below under PSC Regime:

Operator Type	Operator	Block	State	Discovery Name	OIIP (M MT) *	EUR-Oil (MMT)*	
PSU	BPRL	CB-ONN-2010/8	Gujarat	Pasunia#01 (PA#01)	0.176	0.029	
				Pasunia#2 (PA#02)			
	BPRL Total					0.176	0.029
PSU Total					0.176	0.029	
Private	MPL	CB-ONN-2005/9	Gujarat	Jyoti-1	5.634	3.246	
				Jyoti-2			
	MPL Total					5.634	3.246
	Selan	Karjisan	Gujarat	Karjisan	0.793	0.015	
	Selan Exploration Technology Limited Total					0.793	0.015
Private Total					6.427	3.260	
Grand Total					6.603	3.289	

*Given value is 2P Reserves

OIIP = Oil Initial In-Place, GIIP = Gas Initial In-Place, EUR = Estimate Ultimate Reserves

MMT = Million Metric Tonne, BCM = Billion Cubic Meter

Details of new oil and gas reserves explored by ONGC during 2014-15 to 2017-18 (as on 01.01.2018)

Sl. No.	Sector (Onshore/Offshore)	Basin (State)	Location/Discovery	HC Type	New Prospect / Pool	Acreage	IOEIP MMt. (O+OEG) as on 01.04.2017	Ultimate MMt (O+OEG) as on 01.04.2017
2014-15								
1	Onshore	Cambay Basin (Gujarat)	Rupal-2	Oil	Prospect	CB-ONN-2005/4	0.04	-
2			Gandhar-699	Oil & Gas	Pool	GandharExtn-VI ML	0.03	-
3			Vadatal-10	Oil	Prospect	CB-ONN-2004/2	1.24	0.03
4			Vadatal-11	Oil	Prospect	CB-ONN-2004\2	Not Estimated	
5		KG Onshore (Andhra Pradesh)	South Pasarlapudi-1	Oil & Gas	Prospect	Tatipaka-Pasarlapudi PML	2.20	0.32
6		Cauvery Onshore (Tamil Nadu)	Thirunagari-1	Gas	Prospect	CY-ONN-2002/2	10.73	3.86
7			Madanam-6	Oil & Gas	Pool	CY-ONN-2002/2	0.07	0.01
8		A&AA (Assam)	Tukbai-3A	Gas	Prospect	Sector-VC PEL	0.03	0.01
9			Rudrasagar-184	Oil & Gas	Pool	Rudrasgar ML	0.07	0.01
10			Khoraghat-35	Gas & Cond.	Pool	Nambar PML	0.34	0.03
11			Khoraghat-37	Gas	Pool	Nambar PML	0.79	
12		Vindhyan (MP)	Damoh-4	Gas	Pool	Damoh-Jabera-Katni PEL	Not Estimated	
13	Offshore (SW)	Mumbai Offshore (West Coast)	C-1-7	Oil & Gas	Pool	North Tapti PML	6.61	1.44
14			C-1-8	Oil & Gas	Pool	North Tapti PML	0.7	0.11
15			WO-5-11	Oil & Gas	Pool	ML BOFF PML	0.76	0.09
16		Kutch-Saurashtra Offshore (West Coast)	GKS092NAA-1	Gas	Prospect	GK-OSN-2009/2	0.71	0.17
17			GKS091NDA-1	Gas	Prospect	GK-OSN-2009/1	2.47	0.59
18		KG Offshore (East Coast)	YS-9-1	Gas	Prospect	Yanam PML (Additional area)	1.83	1.1
19			G-1-NE-1	Oil & Gas	Pool	Vashistha PML	3.19	0.18
20			G-1-NE-2	Oil & Gas	Pool	Vashistha PML	1.51	0.46
21			GS-29-10	Oil & Gas	Pool	GS-29 Extn. PML	4.12	0.82

22	Offshore (DW)	KG Offshore (DW) East Coast	GD-11-1	Gas	Prospect	KG-OS-DW-III	2.44	0.4
Sl. No.	Sector (Onshore/Offshore)	Basin (State)	Location/Discovery	HC Type	New Prospect / Pool	Acreage	IOEIP MMT. (O+OEG) as on 01.04.2017	Ultimate MMT (O+OEG) as on 01.04.2017
2015-16								
1	Onshore	KG Onshore (Andhra Pradesh)	Komarada-3	Oil & Gas	Prospect	Tatipaka-Pasarlapudi	0.20	0.06
2			Ravulapalem-1	Gas & Cond.	Prospect	Sirikattapali-Pasarlapudi-24 and Gopavaram PML	0.09	0.04
3			West Penugonda-1	Oil & Gas	Pool	Godavari Onland PML	4.57	0.39
4			Kesanapalli West-47	Gas	Pool	Adavipalem-Ponnamanda PML	0.02	0.01
5		Cauvery Onshore (Tamil Nadu)	North Kovilkalappal-6	Oil & Gas	Pool	L-II Seven Year PML	0.26	0.06
6		A&AA (Tripura)	Gojalia-14	Gas	Pool	Gojalia PML	0.08	0.05
7			Rokhia-62	Gas	Pool	Konaban Field PML	0.11	0.07
8	Offshore (SW)	Mumbai Offshore (West Coast)	B-127N-1	Oil & Gas	Prospect	BOFF PML	1.31	0.75
9			MBS053NAA-1	Gas	Propect	MB-OSN-2005/3	1.46	0.34
10			B-66-2	Oil & Gas	Prospect	BOFF PML	10.95	0.49
11		Kutch-Saurashtra Offshore (West Coast)	GK-28-10	Gas	Pool	GK-28 PML	0.14	0.08
12			GSS041NAA-2	Gas	Pool	GS-OSN-2004/1	15.5	4.09
13			GKS101NAA-1	Gas	Prospect	GK-OSN-2010/1	2.17	0.31
14		KG Offshore (East Coast)	KGOSN041 NAML1	Gas	Prospect	KG-OSN-2004/1 (NELP)	1.42	0.71
15	KGOS041NASG#1		Gas	Prospect	KG-OSN-2004/1	0.47	0.24	
16	Offshore (DW)	KG Offshore (East Coast)	KG-DWN-98/2-F-1	Oil & Gas	Prospect	KG-DWN-98/2	1.51	0.18
17			KG D982NA-M4	Oil & Gas	Pool	KG-DWN-98/2	6.15	3.40

Sl. No.	Sector (Onshore/Offshore)	Basin (State)	Location/Discovery	HC Type	New Prospect / Pool	Acreage	IOEIP MMt. (O+OEG) as on 01.04.2017	Ultimate MMt (O+OEG) as on 01.04.2017	
2016-17									
1	Onshore	Cambay Onshore (Gujarat)	Dahej-20	Gas	Pool	South Dahej PML	0.49	0.33	
2			Olpad-47	Gas	Pool	Olpad-Dandi-Extn-I PML	0.22	0.13	
3			South Akholjuni -1	Oil & Gas	Prospect	Akholjuni PML	0.71	0.1	
4			Nadiad-4	Oil	Pool	CB-ONN-2001/1:Nadiad PML	0.24	0.02	
5			Gandhar-724	Oil & Gas	Pool	Gandhar Ext-XII PML	0.05	0.01	
6		KG Onshore (Andhra Pradesh)	Kesanapalli West Deep -1	Oil & gas	Pool	Addvipalem- Ponnamanda	7.81	1.72	
7			Thurupu Vipparu-1	Gas	Pool	Godavari Onland PML	0.68	0.34	
8		A&AA (Assam)	Vindhyan (MP)	Nambar-12	Gas	Pool	Nambar PML	0.04	0.02
9				Suphayam-2	Oil & Gas	Prospect	Golaghat District PEL	0.68	0.1
10				Dayalpur-1	Oil & Gas	Prospect	Kasomariagaon (Additional) PML	7.06	1.03
11				Khoraghat-38_Z	Oil & Gas	Pool	Nambar ML	0.04	0.02
12				Geleki-390	Oil	Pool	PML-Block Namati	0.47	0.07
13		Offshore (SW)	Mumbai Offshore (West Coast)	Jabera-4	Gas	Prospect	Nohta-Damoh-Jabera PML	0.9	
14	B-34-2			Oil & Gas	Prospect	South & East Bassein PML	0.76	0.21	
15	B-154N-1			Oil & Gas	Prospect	BOFF PML	15.22	1.24	
16	D-30-2			Oil & Gas	Prospect	BOFF PML	5.07	0.75	
17	B-12C-2			Gas &	Pool	C-Series ML	1.64	0.98	
18	B-157N-1		Oil & Gas	Prospect	BOFF PML	2.59	0.52		
19	Kutch-Saurashtra Offshore (West Coast)		GKS101NCA-1	Gas	Prospect	GK-OSN-2010/1	1.33	0.4	
20			MBS051NAA-2	Gas & Condensate	Pool	MB-OSN-2005/1	1.5	0.48	
21	KG Offshore (East Coast)		KGS092NA-SRI-1	Oil &Gs	Prospect	KG-OSN-2009/2	95.79		
22			G-1-N-2	Oil & Gas	Prospect	Vasishtha PML	0.85	0.13	
23		GS-71-1	Oil & gas	Prospect	GS 15 & 23	0.5	0.16		

Sl. No.	Sector (Onshore/ Offshore)	Basin (State)	Location/Discovery	HC Type	New Prospect / Pool	Acreage	IOEIP MMt. (O+OEG) as on 01.04.2017	Ultimate MMt (O+OEG) as on 01.04.2017
2017-18 (As on 01.01.2018)								
1	Onshore	Cambay (Gujarat)	West Matar-1	Gas	Prospect	Matar PML	Not Estimated	
2			Anor-1	Oil & Gas	Prospect	CB-ONN-2005/10		
3		KG Onshore (Andhra Pradesh)	Vedireswaram-1	Gas	Pool	Godavari-Onland PML		
4		A&AA (Tripura)	Kunjaban-8	Gas	Pool	Kunjaban PML		
6	Offshore SW	Mumbai Offshore (West Coast)	SW WO-24	Gas	Prospect	Mumbai High-SW PML		
5		KG Offshore (East Coast)	GS-29-11	Oil	Pool	GS-29-Extn PML		
7			G-1-15 Shift	Gas	Pool	G1 Field PML		
8	Offshore DW	KG Offshore (East Coast)	GD-10-1	Gas	Prospect	KG-OS-DW-III		
9			GS-29-8 Sub	Oil & Gas	Pool	GS-29-Extn PML		

List of Discoveries made by OIL

S. No.	Year	Well Name	Regime	Basin/ State	Name of discovery	Oil / Gas	Accretion to In-place volume of O+OEG in 2P category (MMTOE)	Accretion to Ultimate O+OEG Reserves in 2P Category (MMTOE)
1	2014-15	Dangeru-1	PSC	KG-ONN-2004/1	Dangeru-1	Gas	8.40	0
2		Nadua-1	Nomination	Assam	Nadua (Eocene)	Oil	1.35	0.49
3		Rangmala-1	Nomination	Assam	Rangmala-1 (Eocene)	Gas	0.31	0.21
4		Mechaki-03	Nomination	Assam	Mechaki-03	Oil	0.52	0.07
5		NHK-616	Nomination	Assam	Balagaon	Oil	0.06	-
6		NHK-466	Nomination	Assam	NHK-466 (Kopili New Pay)	Oil	0.11	0.04
7		Balimara-2	Nomination	Assam	BMR-2 (Barail New Pay)	Oil	0.13	0.01
8		Barekuri-2	Nomination	Assam	BRK-2 (Narpuh New Pay)	Gas	2.30	1.61
9		Hapjan-24	Nomination	Assam	HJN-24 (Barail New Pay)	Oil	0.27	0.04
10		Hapjan-28	Nomination	Assam	HJN-28 (Eocene New Pay)	Gas	0.04	0.03
11		Baghjan-7	Nomination	Assam	BGN-07 (New narpuh Pay)	Gas	4.27	2.56
12		Moran-78	Nomination	Assam	MRN-78 (New Pay)	Gas	0.16	0.11
Total (2014-15)							17.92	5.18

1	2015-16	NHK-173	Nomination	Assam	NHK-173 (New Pay)	Gas	0.07	0.04
2		NHK-447	Nomination	Assam	NHK-447 (New Pay)	Gas	0.01	0.01
3		SMD-004	Nomination	Assam	Samdang-4	Oil	0.08	0.02
4		NHK-625	Nomination	Assam	NHK-625 (New Pay)	Gas	0.60	0.36
5		SBJ-1	Nomination	Assam	South Baghjan	Oil/Gas	0.73	0.27
6		Sapkaint-2	Nomination	Assam	Sapkaint-2 (New Pay)	Oil/Gas	1.33	0.53
					Total (2015-16)		2.83	1.24
1	2016-17	Kharjan-1	Nomination	Assam	KRJ-1 (New Prospect)	Oil	0.02	0.00
2		Hapjan-67	Nomination	Assam	HJN-67 (New Prospect)	Gas	1.07	0.75
3		Borbhuibil-1	Nomination	Assam	Borbhuibil-1 (New Prospect)	Oil	0.65	0.21
4		HJN055 (Hapjan)	Nomination	Assam	HJN-55 (New Pay)	Oil	0.05	0.02
.		NHK606 (Bhadoi)	Nomination	Assam	NHK-606 (New Pay)	Oil	0.26	0.02
6		NHK595 (Amgurigaon)	Nomination	Assam	NHK-595 (New Pay)	Oil	0.14	0.06
7		MKM-43	Nomination	Assam	MKM-43 (New Pay)	Gas	0.08	0.06
8		HJN-62	Nomination	Assam	HJN-62 (New Pay)	Gas	0.26	0.18
9		MKM-60 (W. Makum)	Nomination	Assam	MKM-60 (New Pay)	Oil	0.51	0.21
10		NHK-637 (Jutlibari)	Nomination	Assam	NHK-637 (New Pay)	Gas	0.19	0.13
					Total (2016-17)		3.22	1.64
Total							23.98	8.05

