

**GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA**

UNSTARRED QUESTION NO:263
ANSWERED ON:23.11.2012
SHALE GAS RESERVES
Siddeswara Shri Gowdar Mallikarjunappa

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

- (a) the estimates of shale gas reserves in the country vis-à-vis United States of America (USA) and Canada;
- (b) the status of exploration of shale gas in the country; and
- (c) the likely impact of shale gas exploration in the country on import of Petroleum products by the end of the Twelfth Five year Plan?

Answer

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRIMATI PANABAAKA LAKSHMI)

(a) As per an independent study carried out by EIA, USA in April 2011, the technically recoverable reserves of Shale Gas in USA, Canada and 4 basins of India (out of 26 Indian Sedimentary Basins) are as below:

(In TCF)

Continent/Country	Technically recoverable Resources
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USA	862
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Canada	388
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India	63
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For 4 basins (Cambay, KG, Cauvery and Damodar) out of 26 sedimentary basins.

(b). In order to explore and exploit shale oil/gas resources in India, a Draft Shale Policy has been prepared. Comments on this draft policy have been received from various stakeholders and being reviewed. Further, resource estimation of shale oil/gas in selected Indian Basins has been taken up United States Geological Survey (USGS), ONGC and Central Mining and Planning Design Institute (CMPDI).

ONGC has drilled 4 wells in Raniganj and North Karanpura Coal Bed Methane (CBM) blocks as part of shale gas R&D project. Presence of shale gas has been reported by ONGC in Raniganj area.

(c) The quantum of shale oil/gas production will only be known after Shale oil/gas Policy formulation, resource estimation followed by award of exploration acreages and completion of exploration, field development and production activities by the Contractors.