

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

UNSTARRED QUESTION NO:3075  
ANSWERED ON:12.08.2010  
DEVELOPMENT OF WESTERN OFFSHORE MUMBAI  
Rao Shri Sambasiva Rayapati

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

- (a) whether Oil and Natural Gas Corporation (ONGC) has given approval for development of a cluster of oil and gas in the Western Offshore;
- (b) if so, the details thereof;
- (c) the estimated in-place oil and gas reserves in these fields;
- (d) the other main fields which ONGC has agreed to develop oil and gas;and
- (e) the extent to which development of these fields help the Government to meet the demand of oil and gas in the country?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI JITIN PRASADA)

(a) to (b) ONGC has recently approved development of Cluster-7 (B-192, B-45 and WO-24 structures along with adjoining areas, B-192- 8 and B192A-1) and WO- Cluster (WO-5, WO-15, WO-16 along with B-119/121 redevelopment) in Western offshore of the Country.

(c) The estimated in place crude oil reserves in Cluster 7 and WO Cluster are 35.91 Million Metric Tonne (MMT) and 15.71 MMT respectively and in place natural gas reserves in both the fields are 4.53 Billion Cubic Meter (BCM) and 15.91 BCM respectively.

(d) and (e) ONGC had drawn up a plan for Improved Oil Recovery (IOR)/ Enhanced Oil Recovery (EOR) in 15 major fields, including Mumbai High to be implanted through 19 schemes. The IOR schemes in Mumbai High North, Mumbai High South, Heera Part-I, Neelam Heera Part-II of Western Offshore, Gahdnar, North Kadi Phase-I and Phase-II, Jotana Sobhasan, Santhal Infill and Kalol in Gujarat have been completed. The facilities have been created for EOR schemes in Sanand, Balol and Santhal in Gujarat. The work for other IOR schemes namely Lakwa, Geleki and Rudrasagar have already commenced.

The Application of IOR and EOR and other effective techniques will in turn improve the recovery factor from existing fields and arrest the decline from ageing fields. This will contribute in improving the supply of oil and gas in the country.