

GOVERNMENT OF INDIA
MINISTRY OF PETROLEUM & NATURAL GAS
RAJYA SABHA
UNSTARRED QUESTION NO-3648
ANSWERED ON- 03/04/2023

SHORTFALL IN THE PRODUCTION OF CRUDE OIL

3648 # SHRI NEERAJ DANGI:

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

- (a) the details of shortfall recorded in the production of crude oil during the last two years;
- (b) whether efforts are being made by Government to increase the potential of old oil fields in the country by reviving them with the help of new technologies, if so, the details thereof;
- (c) by when the requirement of crude oil in the country is likely to be met completely by Government by means of domestic resources; and
- (d) the steps taken by the companies such as Oil India, ONGC etc., to substantially increase indigenous crude oil exploration and production?

ANSWER

THE MINISTER OF STATE IN THE MINISTRY OF PETROLEUM AND NATURAL GAS
(SHRI RAMESWAR TELI)

- (a) The details of production of domestic crude oil during the last two years and in the current year are as under:-

Financial Year	2020-21	2021-22	2022-23 (till Feb. 2023)
Crude Oil Production (MMT)	30.49	29.69	26.72

Source: DGH, MMT: Million Metric Tonne

- (b) Efforts to increase production from old oil fields *inter-alia* include following:
- Improving Recovery Factor through Improved Oil Recovery (IOR) and Enhanced Oil Recovery (EOR) techniques.
 - Induction of new technologies to maximise production.
 - Revival of sick wells.
 - Infill drilling of wells.
 - Renewal of Facilities and other infrastructure.
 - Redevelopment of existing matured fields and development of new fields/marginal fields.
 - Fiscal incentives have been provided to adopt Enhanced Recovery (ER), Improved Recovery (IR) and Unconventional Hydrocarbon (UHC) production methods/techniques to improve recovery factor of existing hydrocarbons reserves for augmenting domestic production of oil and gas.

(c) The Government has resolved to make India energy independent before the completion of 100 years of Independence.

(d) ONGC and OIL have inducted IOR and EOR technologies to improve recovery factor of matured fields. ONGC is giving major thrust to develop discoveries in Krishna Godavari basin in east offshore. Further Oil India is increasing work over rig resource, replacing existing drilling rigs with Variable Frequency Drive (VFD) technology, increasing artificial lifting capabilities etc. Exploration in geologically complex and logistically challenging areas like North Eastern States, Himalayan foothills, Vindhyan, Ganga, Cuddapah, Narmada, Saurashtra, Kutch, Andaman and Bengal are taken up by ONGC to increase domestic crude oil exploration and production. There is also international collaborations with major global exploration and production companies for exploration and knowledge sharing in deep water and other frontier areas.
