

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

UNSTARRED QUESTION NO:4981
ANSWERED ON:09.12.2010
PRODUCTION OF NATURAL GAS IN GUJARAT
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Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the total volume of associated gas produced and volume flared annually during the last three years in Gujarat indicating the value of such gas flared;
- (b) the utility pattern of such associated gas including production of Compressed Natural Gas (CNG) or cooking gas and other petrochemical products;
- (c) the present percentage of utilization of the un-flared gas component-wise;
- (d) whether the Government has any plan for productive utilization of this national asset including investment proposals;
- (e) if so, the details thereof; and
- (f) the quantum of carbon emitted to the environment by the flared gas?

Answer

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

(a) The total volume of associated gas produced and volume flared annually during the last three years in Gujarat are 6039.84 MMSCM and 86.9 MMSCM respectively. The value of such gas flared during the same period is Rs. 32.64 Crore.

(b) Natural Gas produced is handed over to M/s GAIL for further transportation and distribution to various consumers, after meeting internal requirements e.g: artificial lift of oil, power, gas engines, heater-treater, bath -heater and for producing value added products. However, private/Joint venture companies also sell such gases to various industries such as ceramic and brick factories, chemical factories and other small scale industries.

(c) The percentage utilization of un-flared associated gas for 2009-10 in Gujarat is as under:

Associated Associated Associated Associated Associated

Gas Gas gas gas sold gas utilized
Production Flared internally (MMSCM)
(MMSCM) (MMSCM) consumed

ONGC 1933 19.33 (1%) 580 (30%) 1331 (69%) 99%

Pvt/JVs 31.17 15.11 (48.49%) 1.47 (4.72%) 14.58 (46.79%) 51.51%

(d) and (e) The Contractors under the PSC regime are making constant efforts to minimize the gas flaring by looking for new buyers to sell the gas being flared. However, small amount of gas needs to be still flared for technical reasons.

(f) The quantum of Carbon emitted by the flared gas depends on calorific value of the flared gas. The air quality surrounding the producing fields is periodically monitored as per the stipulations laid down by Ministry of Environment & Forest/State Pollution Control Boards.