

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

UNSTARRED QUESTION NO:1773

ANSWERED ON:01.12.2011

OIL AND GAS PIPELINES

Abdulrahman Shri ;Gowda Shri D.B. Chandre;Jeyadural Shri S. R.;Ramasubbu Shri S.

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

- (a) the status of laying of new gas pipelines in the country particularly the Kakinada-Chennai and Chennai- Tuticorin natural gas pipelines alongwith the timeframe by which they are likely to be completed/commissioned;
- (b) the time by which Piped Natural Gas (PNG) supply is likely to be commenced in Tamil Nadu;
- (c) whether all the exiting oil and gas pipelines have been provided adequate security cover;
- (d) if so, the details thereof; and
- (e) if not, the reasons therefor?

Answer

MINISTER OF STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI R.P.N SINGH)

- (a): The details of new natural gas pipelines in the country along with the expected year of completion are annexed.
- (b): PNG supply is an integral part of City Gas Distribution (CGD) Network development. The Petroleum and Natural Gas Regulatory Board (PNGRB) authorises the CGD networks to lay, build, operate or expand natural gas pipelines through a competitive bidding process. PNGRB has envisaged a roll out plan of CGD Networks development in more than 300 possible Geographical Areas (GAs) on the basis of Expression of Interest (Eoi) and on suo moto basis, based on the connectivity with the existing and completion/commissioning of upcoming natural gas pipelines in India, including Tamil Nadu.
- (c) to (e): Yes, Madam, the following security measures have been taken for existing oil and gas pipelines.
 - # Helicopter/ Aerial Surveillance of the identified major pipeline network.
 - # Pipeline Warning Boards/Pipeline markers along the pipeline ROU to demarcate the route and to alert the third parties carrying out any work in the vicinity of ROU.
 - # External and Internal Safety Audits of pipe line and its installations.
 - # Round the clock monitoring of pipeline flow and pressure through Supervisory Control and Data Acquisition System (SCADA) for all the pipelines.
 - # Monitoring of Leak Detection System (LDS) based on flow and pressure measurements which indicate any major leakage or pilferage on the pipelines.
 - # Daily foot patrolling by Line Patrolmen (LPMs) and Directorate General of Rehabilitation (DGR) guards.
 - # Continuous interaction and sensitization of villagers along pipeline ROW etc.
 - # Regular interaction with Police and Civil Officials in all the states.
 - # DGR nominated security personnel deployed for round the clock surveillance & security of the installation.
 - # Electronic Surveillance; and
 - # Patrolling by local Police,