

LOK SABHA
UNSTARRED QUESTION No. 914
TO BE ANSWERED ON 02nd DECEMBER, 2021

Petroleum Conservation Research Association (PCRA)

914. SHRI RANJEETSINGH HINDURAO NAIKNIMBALKAR:
SHRI DEVJI M. PATEL:
SHRI SUDHAKAR TUKARAMSHRANGARE:

i Vky; evk; i kdfrdx; e=h

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

- (a) whether the Petroleum Conservation Research Association (PCRA) has developed a new gas stove for domestic piped natural gas (PNG);
- (b) if so, the salient features thereof; and
- (c) the steps taken by the Government to make the new PNG gas stove available to consumers at an affordable price at the earliest?

ANSWER

i Vky; evk; i kdfrdx; e=ky; e; kT; e=h
¼h jke'oj rsyh½

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

(a) & (b): A novel fuel efficient domestic cooking stove for Piped Natural Gas (PNG) has been developed by Petroleum Conservation Research Association (PCRA) in collaboration with CSIR-Indian Institute of Petroleum (IIP) Dehradun. This is the first product of its kind in the Country. Entire combustion system including burner, mixing tube, venture etc. has been customized in this new stove to handle PNG. The stove has been optimized to have the highest thermal efficiency. The newly developed PNG stove has a thermal efficiency of around 55% in comparison to the maximum efficiency of 40% for the modified LPG stoves presently being used on PNG by the domestic households.

(c): PCRA has been promoting this newly developed PNG stove which has a cost almost similar to normal LPG stove. PCRA has signed an Memorandum of Understanding (MoU) with the Energy Efficiency Services Limited (EESL) under Ministry of Power for developing and implementing a model for marketing this new PNG stove by EESL for PNG customer on pan India basis.
