Urja Ganga Project to connect Eastern India. Total length of pipeline under Pradhan Mantri Urja Ganga Project is approx. 3,384 km, out of which 766 km of pipeline is in Odisha state and the balance 2,618 km is in the states of Uttar Pradesh, Bihar, Jharkhand, West Bengal and Assam. At present the pipeline has been commissioned upto Barauni in Bihar.

## 2G ethanol refineries and production

2824. PROF M. V. RAJEEV GOWDA: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) the number of Second Generation (2G) ethanol refineries set up in the country so far and whether any ethanol has been produced from these refineries, the details thereof;
- (b) whether any technical economic feasibility studies relating to production of Second Generation ethanol, including the likely cost per unit for the ethanol has been done;
  - (c) if so, the details thereof; and
  - (d) if not, the reasons therefor?

THE MINISTER OF PETROLEUM AND NATURAL GAS (SHRI DHARMENDRA PRADHAN): (a) to (d) No, Second Generation (2G) ethanol refinery has been set up so far for commercial production of ethanol in the country. Oil PSUs have carried out technical economic feasible study required for setting up of twelve 2G ethanol biorefineries. The price per litre of ethanol will vary depending upon various factors including the technology used.

## PMUY refill rate

2825. SHRI BINOY VISWAM: Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

- (a) whether it is a fact that the Pradhan Mantri Ujjwala Yojana (PMUY) has failed to encourage people who are used to using free firewood to switch to relatively expensive cooking gas; and
- (b) what is the rate at which the customers under Pradhan Mantri Ujjwala Yojana (PMUY) are given the second and third cylinder refills, the details thereof?