

**GOVERNMENT OF INDIA
POWER
LOK SABHA**

UNSTARRED QUESTION NO:1149
ANSWERED ON:07.03.2008
ENERGY GENERATION THROUGH COAL GASIFICATION
Rana Shri Gurjeet Singh

Will the Minister of POWER be pleased to state:

- (a) whether the Government has made any assessment of feasibility of energy generation through coal gasification; and
- (b) if so, the details along with the cost thereof?

Answer

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE)

(a) & (b) : Yes, Sir. An R&D Committee was constituted by the Government of India for the development of Integrated Gasification Combined Cycle (IGCC) technology, as suited to coal gasification based power generation in India. The Committee noted that IGCC plant based on Pressurized Fluidized Bed (PFB) concept was ideally suited for the high ash (35% to 45%) Indian coal.

The cost of setting up a 100 MW IGCC plant is estimated to be of the order of Rs.850-900 crores.