

**GOVERNMENT OF INDIA  
COAL  
LOK SABHA**

UNSTARRED QUESTION NO:2542

ANSWERED ON:22.07.2009

COAL TO LIQUID TECHNOLOGY

Lagadapati Shri Rajagopal;Majhi Shri Pradeep Kumar;Patel Shri Kishanbhai Vestabhai

**Will the Minister of COAL be pleased to state:**

- (a) whether the Government proposes to adopt coal to liquid technology in the country;
- (b) if so, the details thereof, including the names of the countries which possess this technology;
- (c) whether the Government has examined the effectiveness of the technology;
- (d) if so, the outcome thereof; and
- (e) the extent to which the new technology will be beneficial to the country?

**Answer**

MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF COAL AND MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF STATISTICS & PROGRAMME IMPLEMENTATION(SHRI SRIPRAKASH JAISWAL)

(a) to (e): From the energy security point of view, Govt. of India has notified coal liquefaction as one of the end uses under the captive mining policy through a Gazette Notification dated 12th July, 2007 for development of coal liquefaction or coal to liquid technology in the country. This has enabled the Government to allot captive blocks to potential entrepreneurs entering into the business of coal liquefaction. Subsequently, Government of India has allotted one coal block each with 1500 million tonnes of coal reserves to M/s Strategic Energy Technology Systems Ltd. and M/s Jindal Steel & Power Ltd.(JSPL) for their proposed coal to liquids (CTL) projects on 27th February, 2009. based on the examination of the recommendations of the Inter-Ministerial Group (IMG) constituted under the chairmanship of Member (Energy), Planning Commission with Secretaries of Ministry of Petroleum & Natural Gas, Ministry of Coal, Department of Expenditure, Department of Industrial Policy & Promotion and Department of Science & Technology. Commercial operations of coal liquefaction are existing in South Africa and China.

The proposal of M/s Strategic Energy Technology Systems Ltd. envisages producing 80,000 barrels per day (bbl/day) of oil and products and includes a captive power generation plant of 600 MW capacity.

The proposal of M/s JSPL envisages producing 80,000 barrels per day (bbl/day) of oil and products and establishment of 1350 MW middling based thermal power plant and 160 MW generation capacity using process heat for export.