

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2540
ANSWERED ON:07.08.2003
UTILISATION OF HYDROGEN
SURESH RAMRAO JADHAV (PATIL)

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) whether the Government are exploring different aspects of Hydrogen including its production, storage and utilization as a fuel;
- (b) if so, the progress made in this direction so far; and
- (c) the time by which Hydrogen is likely to be available as a safe alternative fuel for domestic use?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): Yes, Sir. The Ministry is implementing a broad based programme on different aspects of Hydrogen including its production, storage and utilisation as a fuel for domestic and other applications.

(b) & (c): As a result of research and development projects supported by the Ministry at various institutions, use of hydrogen has been demonstrated in two-wheelers, power generating units, catalytic burners and fuel cells for stationary, portable and vehicular applications. Efforts are being made for early commercialization of these devices for domestic, commercial and transport applications.