

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

UNSTARRED QUESTION NO:1977
ANSWERED ON:08.03.2006
PROMOTION OF GREEN FUEL REVOLUTION
Nayak Shri Ananta

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

:

- (a) whether the Union Government proposes to implement programmes to promote Green Fuel Revolution to meet the increasing demand of fuel;
- (b) if so, the details thereof; and
- (c) the research activities carried out so far in this regard ?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a)&(b): New & Renewable Energy is supplementing conventional energy and currently accounts for over 30 percent share in the primary energy mix of the country. In this regard, the Ministry of Non-Conventional Energy Sources has been supporting development of alternate fuels, such as hydrogen, biofuels and some synthetic fuels as replacement for oil. In addition, support is also provided to deployment of grid-interactive and off-grid renewable power; renewable energy systems/devices for urban, industrial and commercial applications; and renewable energy systems/ devices for provision of electricity and/or lighting to villages that are not likely to receive grid-connectivity under the Rajiv Gandhi Gramin Vidyutikaran Yojana.

(c): Around 600 R&D projects relating to new and renewable energy have been supported by the Ministry of Non-Conventional Energy Sources. With a view to intensifying development efforts in the civilian use of hydrogen energy, a National Hydrogen Energy Board had been set up which has recently presented the National Hydrogen Energy Road Map to the Government. This Road Map lays down the broad development and deployment path for hydrogen as fuel upto 2020. Additionally, this Ministry has been entrusted with the task of preparing a National Bio-fuel policy which shall aim at an integrated approach for bio-fuel production, refining, storage, distribution and development of systems/ devices for transport, portable and stationary applications. Further, this Ministry has established the Solar Energy Centre at Gwal Pahari, Gurgaon to serve as the technical focal point for solar energy in the country. This apart, the Centre for Wind Energy Technology, Chennai, an autonomous institution established by this Ministry, serves as the technical focal point for wind energy in the country. The Sardar Swaran Singh National Institute of Renewable Energy that is being established at Jalandhar, Punjab is expected to serve as a technical focal point for bio-energy, bio-fuels and synthetic fuels in the country.