

**GOVERNMENT OF INDIA
PETROLEUM AND NATURAL GAS
LOK SABHA**

UNSTARRED QUESTION NO:634

ANSWERED ON:24.02.2011

INVESTMENT BY ONGC TO DEVELOP NON CONVENTIONAL ENERGY SOURCES

Kumar Shri P.;Sivasami Shri C.;Venugopal Shri P.

Will the Minister of PETROLEUM AND NATURAL GAS be pleased to state:

(a) whether Oil and Natural Gas Corporation (ONGC) has proposed to invest 500 crores on research and development in the areas of the non-conventional energy sources to meet the growing energy demand; and

(b) if so, the details thereof?

Answer

MINISTER OF THE STATE IN THE MINISTRY OF PETROLEUM & NATURAL GAS (SHRI R.P.N.SINGH)

(a) In the area of non-conventional energy sources other than hydrocarbons, Oil and Natural Gas Corporation Limited (ONGC) has established ONGC Energy Centre Trust for Research and Development (R&D) as well as demonstration towards commercialization of large scale alternate Energy sources. The Centre will develop Intellectual Property Rights (IPRs) and patents, so that on long run, it becomes self sufficient. Initially Rs 500 crore has been allocated for large scale pilot plans or demonstration of technologies when developed. So far, towards R&D, the Centre has spent less than Rs 15 Crore.

(b) The Centre is concentrating on projects having prospects of generating/saving energy. Some of the projects at hand with the leading national institutes are:

- i. Thermo Chemical reactor for hydrogen generation from water and waste heat.
- ii. Exploration of Uranium based on Oil and Gas logging and drilling data.
- iii. Bio conversion of coal and residual oil to Methane.
- iv. Testing of Solar Thermal Sterling Engine for direct electricity generation.
- v. Exploring possibility of Light Emitting Diode (LED) chip manufacturing and packaging in India.