

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

STARRED QUESTION NO:244

ANSWERED ON:09.12.2005

ENERGY FROM URBAN WASTES

Chakraborty Dr. Sujan;Singh Deo Smt. Sangeeta Kumari

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

(a) whether the Government proposes to generate energy from urban and rural wastes;

(b) if so, the details thereof;

(c) whether the Government has sought/obtained assistance from other countries and the United Nations Development Programme (UNDP) in this regard; and

(d) if so, the manner in which the assistance obtained / sought to be obtained will be put to use in generation of energy from the above wastes?

**Answer**

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

(a), (b), (c)& (d): A statement is laid on the Table of the House.

STATEMENT

STATEMENT REFERRED TO IN REPLY TO PARTS (a),(b),(c) and (d) OF LOK SABHA STARRED QUESTION NO.244 FOR ANSWER ON 9.12.2005.

(a)&(b): The Ministry of Non-Conventional Energy Sources is already implementing Programmes for energy recovery from urban and rural wastes such as municipal solid waste, vegetable market waste, slaughterhouse waste, sewage gas, cattle dung, etc. These Programmes are mainly based on biomethanation, combustion and gasification technologies.

(c)&(d): Yes, Sir. United Nations Development Programme (UNDP) and Global Environment Facility (GEF) have provided partial financial assistance for the development of high rate biomethanation processes. The project encompasses recovery of energy through biomethanation of urban and industrial wastes. The UNDP/GEF assistance has been utilized to support 16 demonstration projects based on different types of wastes besides training programmes, study tours, workshops, seminars and awareness creation.