

**GOVERNMENT OF INDIA
NEW AND RENEWABLE ENERGY
LOK SABHA**

STARRED QUESTION NO:276
ANSWERED ON:19.08.2011
POWER GENERATION FROM SOLID WASTE
Deo Shri Kalikesh Narayan Singh

Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

- (a) whether new and latest technology has been introduced to generate power from solid waste and other such sources in the country;
- (b) if so, the details thereof alongwith the cost viability of such new technology for generating every unit of energy in comparison to conventional methods;
- (c) whether the Government proposes to set up power plants generating power from the solid waste; and
- (d) if so, the details thereof, State-wise?

Answer

THE MINISTER OF NEW AND RENEWABLE ENERGY (DR. FAROOQ ABDULLAH)

(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) & (d) OF LOK SABHA STARRED QUESTION NO. 276 TO BE ANSWERED ON 19.08.2011

(a) & (b): Two projects on power generation from municipal solid wastes based on new boiler technology, namely reciprocating grate boilers, under installation are as follows:

- i. 16 Mega Watt (MW)project by the Government of National Capital Territory of Delhi on Build, Own, Operate and Transfer (BOOT) basis at Okhla, New Delhi.
- ii. 8 MW project by the Municipal Corporation of Bangalore on BOOT basis at Bangalore, Karnataka.

These projects being set up on BOOT basis are considered viable and will supply power to the State Transco at f 2.59 / kWh and ? 4,25 / kWh, respectively, which is comparable with the cost of conventional power.

(c) & (d): Ministry of New and Renewable Energy is presently implementing a programme for supporting setting up of five projects for energy recovery from municipal solid wastes. Two projects viz.a16 MW project at Okhla, Delhi and 8 MW project at Bangalore, Karnataka, have been supported so far and are presently under installation.