

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

UNSTARRED QUESTION NO:2751

ANSWERED ON:07.02.2014

ELECTRICITY GENERATION

Adhalrao Patil Shri Shivaji;Adsul Shri Anandrao Vithoba;Dharmshi Shri Babar Gajanan;Yadav Shri Dharmendra

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

(a) whether the Government has taken note of the new technology / device viz. Microbial Fuel Cell (MFC) which can simultaneously generate electricity and treat waste water;

(b) if so, the details thereof; and

(c) the efforts made by the Government to make use of the aforesaid technology / device to meet the power shortage in the country?

Answer

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

(a)&(b): Yes, Madam. The Microbial Fuel Cell (MFC) Technology is known to have some potential for simultaneous generation of electricity from wastewater and its treatment. The MFC is presently known to generate electricity of the order of fraction of a watt.

(c): Government has supported Research and Development Projects on MFC at a few Academic and Research Institutions in the country. MFC technology is in early stages of R&D globally, including in India. It is, therefore, not considered as a means of addressing the issue of power shortages in the country.