

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
RAJYA SABHA
UNSTARRED QUESTION NO-1723
ANSWERED ON-09/03/2021

POWER GENERATION USING SOLID WASTE

1723#. SHRI SAMIR ORAON

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

- (a) Whether various companies in the country have sought approval to start power generation from using Integrated Solid Waste Management Technology;
- (b) if so, the details of such proposals; and
- (c) action taken by Government thereon?

ANSWER

THE MINISTER OF STATE (I/C) FOR NEW & RENEWABLE ENERGY, POWER and MoSfor SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI R.K. SINGH)

(a) to (c) The Ministry is implementing a **Programme on Energy from Urban, Industrial, Agricultural Wastes/ Residues and Municipal Solid Waste** since 30.07.2018. The programme was revised on 28.02.2020 to include Municipal Solid Waste (MSW) for recovery of energy in the form of Biogas or BioCNG or Power.

Central Financial Assistance (CFA) available under the Programme for power generation from municipal solid waste is as follows:

- a. Power generation based on Biogas through 100% biogas engine: Rs 3.0 Crore per MW(Maximum Rs 10 Cr/project);
- b. Power generation based on MSW through Thermal route: Rs 5.0 Crore per MW (Maximum Rs 50 Cr/project);

The programme is open to Urban Local Bodies / Municipal Corporations, registered private or public sector enterprises or organizations, as well as Energy Service Companies (ESCOs). Under the programme, back ended Central Financial Assistance (CFA) is released after commissioning and successful performance testing of the project.

So far, under this scheme, the Ministry has received 06 complete proposals, complying with the scheme guidelines, for installation of total capacity of 86.7 MW power projects based on MSW. Out of the above, sanction has been granted to one 15MW power plant with CFA of Rs 50 Cr.
