

GOVERNMENT OF INDIA  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

**LOK SABHA**  
**UNSTARRED QUESTION NO. 2106**  
TO BE ANSWERED ON 05.08.2024

**Electricity from Garbage**

2106. SHRI RAVINDRA DATTARAM WAIKAR:

Will the Minister of ENVIRONMENT, FOREST AND CLIMATE CHANGE be pleased to state:

- (a) whether the problem of garbage is increasing day by day in the urban areas of different States of the country;
- (b) whether it is true that Mumbai Municipal Corporation collects lakhs of tons of garbage which creates a number of heaps and is more than the capacity of the dumping ground;
- (c) whether various types of diseases are spreading among people because of such heaps of garbage which is causing serious impact on human life, if so, the details thereof;
- (d) whether the Government proposes to work with State Governments to generate power from such garbage;
- (e) whether the Government proposes to launch project in this regard;
- (f) if so; the time by which such project is likely to be launched; and
- (g) the estimated electricity likely to be generated and the cost of the said project?

**ANSWER**

MINISTER OF STATE IN THE MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
(SHRI KIRTI VARDHAN SINGH)

(a) to (c): As per Annual Report submitted by 36 States/UTs for the year 2021 – 2022, under Solid Waste Management Rules, 2016, to Central Pollution Control Board, the total municipal solid waste generated in the country was 1,70,339 TPD, of which 1,56,449 TPD, was collected and 91,511 TPD was processed / treated and 41,455 TPD was landfilled.

As per Brihanmumbai Municipal Corporation (BMC), municipal solid waste to the tune of 6400 TPD is generated within BMC limits, out of which 5800 TPD is processed and disposed at Kanjurmarg Integrated Waste Management Facility through Bio-reactor and composting technology and about 600 TPD is disposed of in Deonar Dumping Ground. Further, various steps are taken by BMC at dumping grounds, which inter alia include covering of municipal solid waste with soil cover, regular fogging for pest control, regular ambient air quality monitoring, in order to have minimal effect of municipal solid waste disposal on environment and public health. As per BMC, at present, there is no rise in diseases around dumping grounds.

(d) to (g): As per BMC, Waste to Energy Project of 600 TPD capacity for scientific disposal of municipal solid waste and generation of electric power has been undertaken. The project has received fund under the 15<sup>th</sup> Finance Commission – Grant for Solid Waste Management. As per timeline, the commissioning date is October 2025. About 7 MW electricity is estimated to be generated from the project in Mumbai and the capital cost of the project is about Rs. 504 Crores.

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