

(b) The Ministry has set a target to have 100 GW of solar power and 75GW of non-solar renewable power by end of year 2022.

**Establishment of energy generation plants based on plastic**

1098. DR. FAUZIA KHAN: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state;

(a) whether Government proposes to set up energy generation plants based on plastic;

(b) if so, the details along with the location thereof; and

(c) the time by which the energy is likely to be generated therefrom?

THE MINISTER OF STATE OF THE MINISTRY OF NEW AND RENEWABLE ENERGY (SHRI RAJ KUMAR SINGH): (a) to (c) The Ministry of New & Renewable Energy is implementing a "Programme on Energy from Urban, Industrial, Agricultural Wastes/Residues and Municipal Solid Waste" to set up Waste-to-Energy plants for recovery of energy in the form of Biogas or Bio-CNG or Power from Urban, Industrial and Agricultural Waste/Residues.

This includes Municipal Solid Waste (MSW) or Refuse Derived Fuel (RDF) based power generation projects where MSW/RDF fed into incinerator is mixed waste which includes non-biodegradable, non-recyclable, non-reusable, non-hazardous solid waste and may also include non-chlorinated plastic having minimum calorific value exceeding 1500 kcal/kg as per Solid Waste Management Rules-2016.

Under aforementioned Scheme, no project has been commissioned till 31.03.2020. However, under the Ministry's earlier scheme "Programme on Energy from Urban, Industrial, Agricultural Wastes/Residues" *vide* OM No. 1011/2013-U&I dated 12.09.2013, one MSW/RDF based Waste to Energy plant was commissioned at Old NDMC Compost Plant, Okhla, New Delhi by M/s Timarpur Okhla Waste Management Company Ltd. (TOWMCL). List of total MSW/RDF based Waste-to-Energy plants as on 31.03.2020, is given in the Statement.

***Statement***

*Details of locations of MSW/RDF based Waste-to-Energy plants installed in the country, as on 31.03.2020 (as per data from Ministry of Housing and Urban Affairs)*

Sl. No.	State	Project Developer	Location of Plant	Power (MW)
1.	Delhi	M/s Timarpur Okhla Waste Management Company Ltd. (TOWMCL)	Old NDMC Compost Plant, Okhla, New Delhi	16.00
2.	Delhi	M/s East Delhi Waste processing, Barakhamba, New Delhi	Ghazipur, New Delhi	12.00
3.	Delhi	M/s Delhi MSW Solutions Ltd. (Ramky Group)	Narela, Delhi	24.00
4.	Madhya Pradesh	M/s Essel Infraprojects Ltd.	Jabalpur, Madhya Pradesh	11.50

**Renewable purchase obligations for round the clock renewable energy**

1099. SHRI MAHESH PODDAR: Will the Minister of NEW AND RENEWABLE ENERGY be pleased to state:

(a) whether it is a fact that Government proposes offering of Renewable Purchase Obligations (RPOs) for Round the Clock (RTC) renewable energy;

(b) if so, the manner in which open access consumers and captive users may purchase RPOs;

(c) the specific forms of renewable energy projects that will be incorporated into the RPO sales market; and

(d) whether Government intends to collaborate with the Ministry of Heavy Industry and Public Enterprises in the long-term to promote the usage of various forms of renewable energy?