

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 1261
ANSWERED ON 09.02.2023

WASTE TO ENERGY PROGRAMME

1261. MS. DIYA KUMARI

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

- (a) whether the implementation of waste to energy programme has been successful and if so, the details thereof;
- (b) whether the objectives of the programme, which was to set up waste to energy projects for generation of Biogas/BioCNG/Power/Producer gas/ Syngas from urban, industrial and agricultural wastes/residues has been achieved as of today;
- (c) if so, the details thereof and if not, the reasons therefor;
- (d) whether a monitoring mechanism has been set up to track the implementation of the said programme; and
- (e) if so, the details thereof?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a)to(c) The Ministry of New and Renewable Energy has been implementing Waste to Energy Programme for promotion of energy recovery from urban, industrial and agricultural wastes/residues. Recently, new Waste to Energy Programme under the umbrella of National Bioenergy Programme has been approved for continuation for a period of 2021-22 to 2025-26 after satisfactory performance of the earlier programme. Due to implementation of Waste to Energy Programme and the CFA granted under it, conducive environment has been created for development of waste to energy projects in the country. A total of 276 waste to energy projects with cumulative installed capacity of 523 MWeq for generation of Biogas/BioCNG/ Power have been set up in the Country, as of 31.12.2022. These include:

- 88 Biogas generation plants with a cumulative production capacity of 771008 m³/day;
- 57 BioCNG generation plants with a cumulative production capacity of 267467 kgs/day;
- 132 Power generation plants with a cumulative production capacity of 400 MW.

(d) & (e) Waste to Energy Programme is evaluated by a independent third party for its performance at the end of validity of the Programme. Further, necessary provisions have been made in the new Waste to Energy Programme under the umbrella of National Bioenergy Programme to monitor plant's performance through State Nodal Agencies/ National Institute of Bio Energy/ Biogas Technology Development Centre as well as by making it mandatory to install SCADA System/remote monitoring system.
