

GOVERNMENT OF INDIA
MINISTRY OF NEW AND RENEWABLE ENERGY
LOK SABHA
UNSTARRED QUESTION NO. 3614
ANSWERED ON 24.03.2022

GENERATION OF SOLAR WASTE

3614. SHRIMATI KANIMOZHI KARUNANIDHI

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

- (a) the details of the annual amount of solar waste generated in the country during the last three years and the current year, State-wise;
- (b) whether the Government has taken any measures to enhance the capacities of reuse and recycling of solar waste;
- (c) if so, the details thereof and if not, the reasons therefor;
- (d) whether the Government has considered formulating a separate policy for handling of solar waste generated in the country; and
- (e) if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF NEW & RENEWABLE ENERGY AND POWER

(SHRI R.K. SINGH)

(a) Solar panels generally have a lifetime of 25 years. Considering that most of the solar power capacity in the country has been installed from 2010 onwards, significant quantum of solar panel waste is not expected to be generated until the year 2035.

However, some panels may also fail before end of life due to various reasons. Data for waste generated as a result of such failures is not being maintained separately.

(b) to (e) A Committee was constituted by NITI Aayog under the chairmanship of Secretary, MNRE with the mandate inter-alia to propose an action plan to evolve a circular economy in solar panel through reuse/recycling of the waste generated. The draft report of the Committee has been submitted to NITI Aayog.
