

**GOVERNMENT OF INDIA
MINISTRY OF POWER
LOK SABHA
UNSTARRED QUESTION NO.2563
ANSWERED ON 22.12.2022**

USE OF BIOMASS PELLETS IN THERMAL POWER PLANTS

**2563. SHRIMATI RAKSHA NIKHIL KHADSE:
SHRI MANOJ KOTAK:**

**Will the Minister of POWER
be pleased to state:**

- (a) whether the Government suggests/advises the thermal power plant operators to mix biomass pellets which co-fired with coal can save coal to certain extent and would be helpful for extracting energy from the organic/bio wastes with disposal issues and thereby help in preserving the environment;**
- (b) if so, the details thereof;**
- (c) whether such trial for mixing of biomass pellets has been carried out in thermal power plants across the country; and**
- (d) if so, the details thereof?**

A N S W E R

THE MINISTER OF POWER AND NEW & RENEWABLE ENERGY

(SHRI R.K. SINGH)

(a) & (b) : Ministry of Power has issued revised policy on biomass utilisation for power generation through co-firing in coal based power plants on 08.10.2021. This policy mandates the use of 5% biomass pellets made primarily of agro-residue along with coal in thermal power plants with effect from one year from the date of issuance of this policy. As per this policy, the obligation to use biomass pellets in thermal power plants shall increase to 7% with effect from two years after the date of issuance of this policy.

(c) & (d) : Co-firing of agro residue pellets with coal has started in 39 thermal power plants. Cumulative biomass usage up to 30.11.2022 was 85477 MT.
