

GOVERNMENT OF INDIA
MINISTRY OF STEEL

RAJYA SABHA
UNSTARRED QUESTION NO. 1429
FOR ANSWER ON 06/12/2024

USE OF LESS FOSSIL FUEL IN STEEL INDUSTRY

1429. Shri Jaggesh:

Will the Minister of Steel be pleased to state:

(a) whether it is a fact that India is yet to prioritize new technology involving less fossil fuel in steel manufacturing and so a review of National Steel Policy (NSP) would attempt to address this issue;

(b) current emission intensity of CO₂ per metric ton of crude steel produced as compared to global average of Insulated Gate Bipolar Transistor (IGBT);

(c) whether Government proposes a review of the seven-year-old NSP to incorporate a decarbonization strategy for domestic mills in the light of emerging global challenges including European Union's introduction of Carbon Border Adjustment Mechanism (CBAM);

(d) if so, the details thereof?

ANSWER

THE MINISTER OF STEEL

(SHRI H.D.KUMARASWAMY)

(a)to(d): Government has taken various ongoing measures in the wake of emerging challenges including decarbonisation and European Union's introduction of Carbon Border Adjustment Mechanism (CBAM) which are not contingent upon a formal review of the National Steel Policy.

After deliberation with stakeholders, Government has formulated roadmap and action plan for green transition of steel sector. Other policy initiatives for energy efficiency and process efficiency include National Green Hydrogen Mission for green hydrogen production and usage in steel sector, notification of Steel Scrap Recycling Policy 2019, and Motor Vehicles (Registration and Functions of Vehicles Scrapping Facility) Rules 2021 to enhance the availability of domestically generated scrap for steel making enabling reduced carbon emission in steel making process, Implementation of the Perform, Achieve and Trade (PAT) scheme, under National Mission for Enhanced Energy Efficiency, which incentivizes steel industry to reduce energy consumption, etc.

The average emission intensity of steel production in 2023-24 in India is 2.54 tonne of CO₂ per tonne of crude steel.
