

GOVERNMENT OF INDIA
MINISTRY OF STEEL

LOK SABHA
UNSTARRED QUESTION NO. 2233
FOR ANSWER ON 02.08.2023

PROMOTION OF GREEN STEEL

2233. SHRI ADALA PRABHAKARA REDDY:

Will the Minister of STEEL be pleased to state:

- (a) whether the Government has taken any steps towards promotion of green steel by replacing coal with hydrogen in the steel production process;
- (b) if so, the details thereof and if not, the reasons therefor;
- (c) the number of steel plants in the country operating on hydrogen for steel production;
- (d) whether the Government has taken any steps for promoting green steel in steel PSUs; and
- (e) if so, the details thereof and if not, the reasons therefor?

ANSWER

THE MINISTER OF STATE IN THE
MINISTRY OF STEEL

(SHRI FAGGAN SINGH KULASTE)

(a)&(b): Government has taken following steps towards promotion of low or less carbon steel involving use of hydrogen:-

(i) Ministry of New and Renewable Energy (MNRE) announced National Green Hydrogen Mission for green hydrogen production and usage. The steel sector has also been made a stakeholder in the Mission.

(ii) 13 Task Forces constituted with engagement of industry, academia, think tanks, S&T bodies, different Ministries and other stakeholders to discuss, deliberate and recommend upon different levers of decarbonisation of steel sector. The Task Force on Green Hydrogen constituted to promote usage of green hydrogen in steel industry.

(c) Presently, no company is making steel using hydrogen on a production scale.

(d)&(e): The government is engaged in discussions and deliberations with Steel PSUs for promoting low carbon steel. The steel CPSEs are also associated as stakeholders in the Task Forces constituted by the Ministry of Steel towards determining steps for decarbonisation of steel sector.
