

GOVERNMENT OF INDIA
MINISTRY OF STEEL

LOK SABHA
UNSTARRED QUESTION NO. 5356
FOR ANSWER ON 05.04.2023

UNITS OF SAIL

5356. SHRI G.M. SIDDESHWAR:

Will the Minister of STEEL be pleased to state:

- (a) the details of units of Steel Authority of India Limited (SAIL) set to be modernized in the next phase of the vision-2030 of the Government;
- (b) the current production capacity of each unit of SAIL with reference to hot metal, crude steel and saleable steel and the extent of production capacity, in terms of percentage, achieved during the current nine months period;
- (c) the details of projected production capacity of each SAIL unit after proposed modernization; and
- (d) the delay which occurred in the last round of modernization of each SAIL unit and direct or indirect financial loss incurred thereon by SAIL?

ANSWER

THE MINISTER OF STATE IN THE (SHRI FAGGAN SINGH KULASTE)
MINISTRY OF STEEL

(a) In accordance with the target of 300 MTPA steel production capacity as per National Steel Policy (NSP) 2017, in the first phase of expansion tentative plan has been formulated for enhancement of crude steel capacity production of SAIL Plants namely Durgapur Steel Plant, Rourkela Steel Plant, Bokaro Steel Plant and IISCO Steel Plant. However, the expansion is subject to following:-

- (i) Demand Growth for finished steel to absorb the enhanced level of steel production in the sector.
- (ii) Resource availability to finance CAPEX with sustainable Debt : Equity ratio.
- (iii) Captive iron ore sources for supporting the enhanced capacity.

(b) The current production capacity of Plants of SAIL with reference to hot metal, crude steel and saleable steel and the extent of production capacity, in terms of percentage, achieved during the current nine months period are as under :-

Unit: '000T

Plants	Hot Metal		Crude Steel		Saleable Steel	
	Annual Operating Capacity	% Capacity utilisation for Apr-Dec'22 (pro-rata basis)	Annual Operating Capacity	% Capacity utilisation for Apr-Dec'22 (pro-rata basis)	Annual Operating Capacity	% Capacity utilisation for Apr-Dec'22 (pro-rata basis)
Bhilai Steel Plant	6450	80%	6000	82%	5400	84%
Durgapur Steel Plant	2450	103%	2200	102%	2120	101%

Rourkela Steel Plant	4000	107%	3800	106%	3520	106%
Bokaro Steel Plant	4700	93%	4600	86%	4180	89%
IISCO Steel Plant	2700	93%	2500	94%	2390	94%
Special Steel Plants	0	-	410	56%	520	51%
SAIL	20300	93%	19510	91%	18130	92%

(c) By 2030-31, it is envisaged to enhance the operational capacity of crude steel production of SAIL from existing 19.51 MTPA to around 35.65 MTPA tentatively. The envisaged Plant-wise Crude Steel Capacity of SAIL by 2030-31 is as under:-

Steel Plants	Operating Crude Steel Capacity(MTPA)	Envisaged Crude Steel Capacity (MTPA)
Bhilai Steel Plant	6.00	6.80
Durgapur Steel Plant	2.20	4.73
Rourkela Steel Plant	3.80	9.70
Bokaro Steel Plant	4.60	7.03
IISCO Steel Plant	2.50	6.98
Alloy Steels Plant	0.23	0.23
Salem Steel Plant	0.18	0.18
SAIL	19.51	35.65

Envisaged Crude Steel capacity is subject to finalization of DPRs and further, execution of the expansion plan as above is subject to the conditions mentioned in part (a).

(d) The Modernisation and Expansion (MEP) undertaken by Steel Authority of India Limited (SAIL) at its five integrated steel plants at Bhilai (Chhatisgarh), Bokaro (Jharkhand), Rourkela (Odisha), Durgapur (West Bengal) & Burnpur (West Bengal) and at one Special Steel Plant at Salem (Tamil Nadu) has been completed progressively by Jun'2018. The details of unit-wise actual completion vis-à-vis schedule completion is given below:-

Plant/Unit	Schedule completion	Actual Completion	Original Cost (Net of Cenvat) (Rs. Cr.)	Revised Cost (Net of Cenvat) (Rs. Cr.)
Bhilai Steel Plant	Mar.'2013	Jun.'2018	17,266	22,566
Rourkela Steel Plant	Mar.'2013	Dec.'2014	11,812	13,307
Durgapur Steel Plant	Dec.'2012	Jun.'2015	2,875	3,169
Bokaro Steel Plant	Dec.'2011	Sep.'2015	6,325	7,179
IISCO Steel Plant	Dec.'2010	Dec.'2014	16,408	19,235
Salem Steel Plant	Mar.'2010	Sept.'2010	1,902	2,371

This was mainly due to the nature of work, which entailed engagement of multiple agencies; challenge of retrofitting of new technology in the existing plants, resource constraints etc.
