

investment decisions keeping in view availability of raw materials, proximity to consumers and other relevant factors.

#### **Modernisation of the Steel Plants**

201. SHRI P.K. AGARWALLA: Will the Minister of STEEL be pleased to state:

(a) whether it is a fact that heavy outlay has been made for modernisation of the Steel plants under the control of the Government;

(b) if so, the plant-wise details in terms of investment to be made, resources to be

mobilised alongwith their source plants and machinery to be installed; and

(c) in what manner this modernisation is going to improve the financial condition of the Steel plants?

THE MINISTER OF STATE OF THE MINISTRY OF STEEL (SHRI SANTOSH MOHAN DEV): (a) Yes, Sir.

(b) Plant-wise details investment of funds on modernisation of SAIL plants and their sources are given below:

(Rs. in crores)

Name of SAIL Project	Total investment	Sources		
		External commercial borrowing including supplies credit	Loan from Steel Development fund and other Domestic Borrowing	Internal Resources
Durgapur Steel Plant (DSP) Modernisation	3897	829	1111	1957
Rourkela Steel Plant (RSP) Modernisation	3954	610	1497	1847
Bokarao Steel Plant (BSL) Modernisation	1625.79	283.5	529.45	812.84

Plantwise details of the plant and Machinery to be installed are indicated in the statement. (See below).

(c) The modernisation programme of Steel Plants is expected to result in improve-

ment in the quality of Steel and cost reduction through improvement in productivity and reduced energy consumption. This will improve the financial viability of these plants. in the long term.

#### **Statement**

##### *Installation of Plant & Machinery Under Modernisation*

##### *DSP Modernisation*

The major facilities envisaged under the DSP modernisation are as follows :—

1. Mechanised storage and blending yard for sized ore, fines fluxes etc. in Raw Material Handling.
2. Installation of a new sinter plant (192 SQ. M)
3. Reconstruction of 3 Nos. of Blast Furnaces.
4. Installation of a new Coke Oven battery and a By Product Plant complex including Phosam plant.
5. Installation of 3 Nos. of LD converters (3 × 11 OT capacity).
6. Installation of a new Lime Calcination Plant (3 vertical shaft KILN of 300T/day capacity).
7. Installation of new Hot Metal Repair Shop.
8. Installation of new Continuous Casting Plant (2 × 6 strands billet caster).
9. Installation of New Repair Shop & Instrument Store.

10. A new Wheel Plant with wheel machining facilities.
11. New facilities in Merchant Mill.
12. Revamping of existing Coal Washery.
13. Plant water supply facilities.
14. Power distribution and area lighting facilities.
15. Ore processing Plant at Bolani Iron Ore Mines.
16. Installation of PPC computer.

### RSP Modernisation

The major facilities envisaged under the Phase I & II of RSP Modernisation are as follows :

#### Phase I

1. Mechanised storage & blending yard for sized ore, fines, fluxes etc. in Raw Material Handling.
2. Coal averaging & other coal handling facilities.
3. Sinter screening & BF conveyerisation facilities at BF's.
4. Installation of cast house slag granulation facilities in BF-4.
5. A new 180 tpd Oxygen Plant.
6. Modification of Brick Plant.
7. Combined blowing facilities in existing LD converters 4&5.
8. Power distribution system.

#### Phase II

1. Base mix blending & blending yard for new Sinter Plant under Raw Material Handling.
2. A new Sinter Plant (192 sq. m)
3. Installation of 2 × 150 T LD Converters with combined blowing.
4. One single strand slab caster in the SMS and two single strand slab casters in the new SMS.
5. Installation of one 180 tpd Oxygen Plant.
6. Installation of 5 Nos. 250 tpd new Lime calcination plant.
7. Modifications of Plate Mill & Hot Strip Mill.
8. Installation of one Reheating furnace in Plate Mill and two Reheating furnaces of larger capacity in place of two old furnaces in HSM.
9. Installation of Coal Briquetting Plant.
10. Installation of Ladle Repair Shop.
11. Power distribution system.
12. Installation of sizing plant at Satna.
13. Augmentation of necessary service facilities

### BSL Modernisation

The major facilities envisaged under the BSL modernisation Stage-I are as follows :

1. Reconstruction of existing Steel Melting Shop No. 2 to increase its liquid steel capacity from 1.84 million tonnes per annum to 2.25 million tonnes per annum.
2. Installation of 2 Nos. Double Strand Slab Casters.
3. Partial upgradation of 2000 mm Hot Strip Mill.
4. Related service facilities.