



STEEL AUTHORITY OF INDIA LIMITED

PERFORMANCE HIGHLIGHTS

Q2 FY14

Contents

- ✓ **Performance Highlights**
- ✓ **SAIL's Expansion Plan**
- ✓ **JVs & New Strategic Initiatives**
- ✓ **Awards & Accolades**

Financial Highlights

Q2 FY 14 vs. Q2 FY 13

Amount in Rs. Crore

Particulars	Q2 FY 14	Q2 FY 13	Increase/ Decrease	% change
Gross Sales	12802	11976	826	6.9
EBIDTA*	1020	1335	-315	-23.6
PBT	1392	788	604	76.7
PAT	1180	543	637	117.3

*EBIDTA for Q2 FY 14 & Q2 FY13 is before adjustment of exceptional item of Rs. 68 crore (loss) and Rs. 42 crore (Profit) respectively on account of FE Variation and Rs. 1056 crore (Profit) on account of damages awarded in favour of SAIL on account of non-performance of contract.

Financial Highlights

H1 FY 14 vs. H1 FY 13

Amount in Rs. Crore

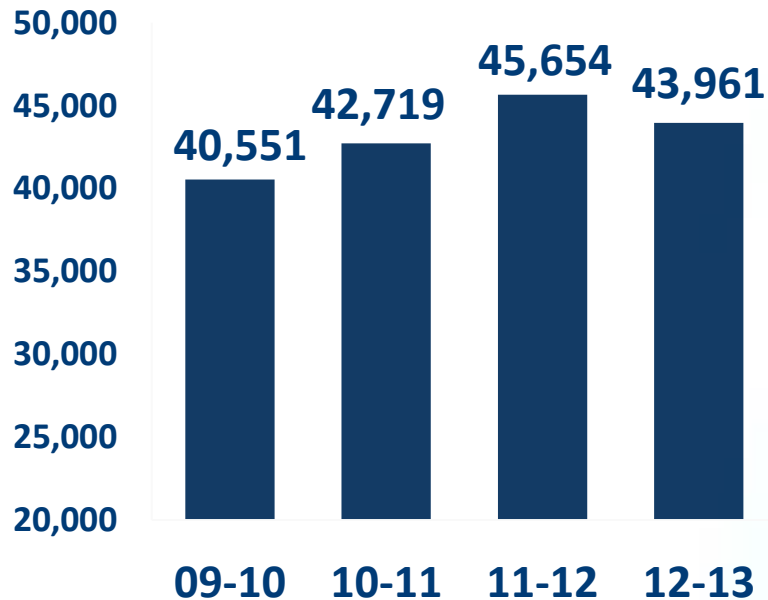
Particulars	H1 FY 14	H1 FY 13	Increase/ Decrease	% change
Gross Sales	24163	23888	275	1.2
EBIDTA**	2213	3129	-916	-29.3
PBT	1913	1798	115	6.4
PAT	1631	1240	391	31.6

****EBIDTA for H1 FY 14 & H1 FY13 is before adjustment of exceptional item of Rs. 156 crore (Loss) and Rs. 215 crore (Loss) respectively on account of FE Variation and Rs. 1056 crore (Profit) in H1 FY14 on account of damages awarded in favour of SAIL on account of non-performance of contract.**

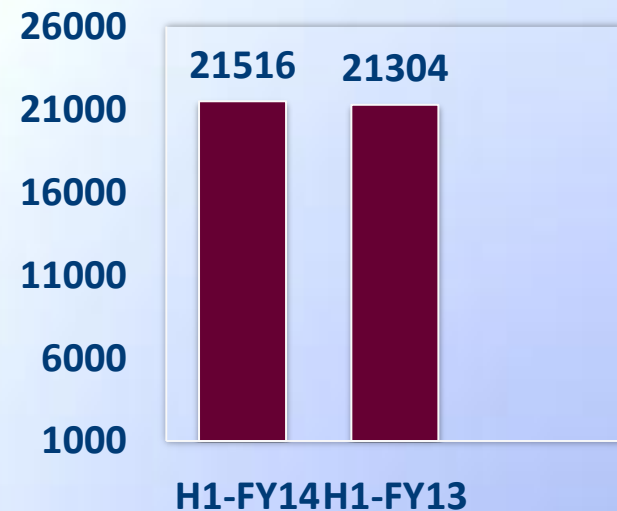
Financial Performance

Net Sales (Rs. Cr.)

H1 FY14 vs. H1 FY13



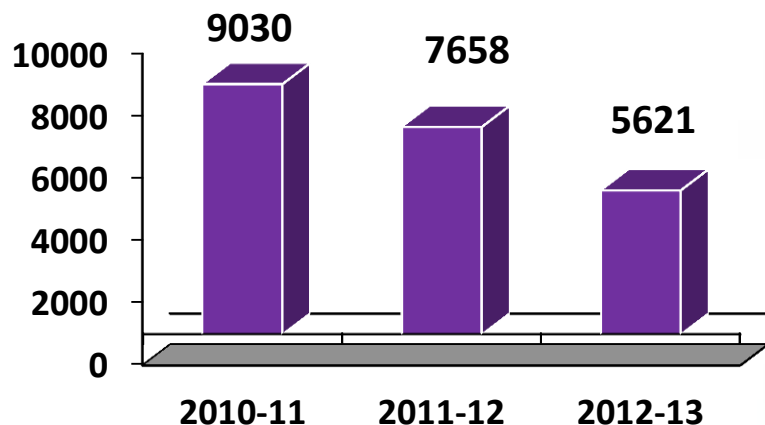
Annual Net Sales Performance



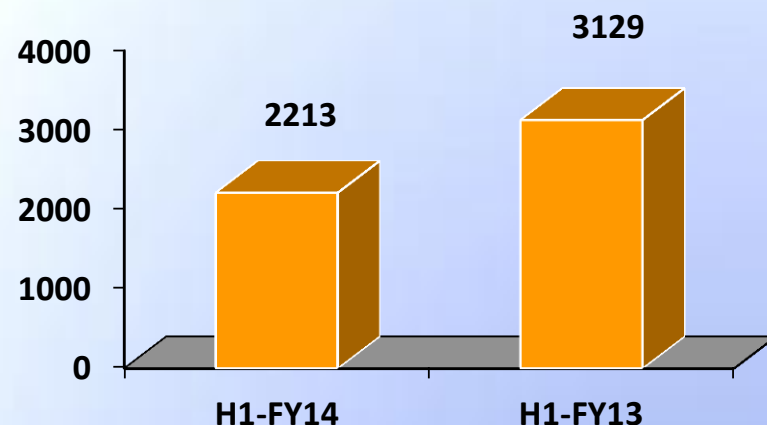
Earning Before Interest Depreciation and Tax (EBIDTA)

Unit : Rs Crore

Annual EBIDTA Performance



H1 - FY14 vs. H1 - FY13



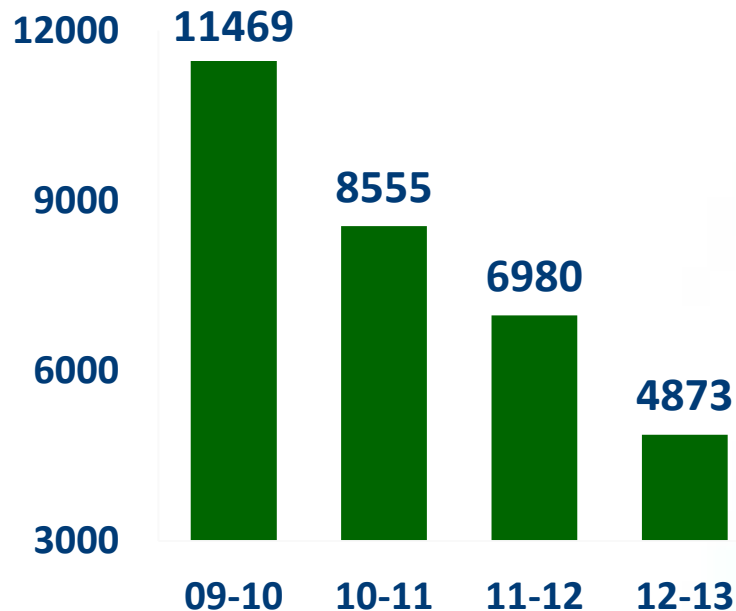
****EBIDTA for H1 FY 14 & H1 FY13 is before adjustment of exceptional item of Rs. 156 crore (Loss) and Rs. 215 crore (Loss) respectively on account of FE Variation and Rs. 1056 crore (Profit) in H1 FY14 on account of damages awarded in favour of SAIL on account of non-performance of contract.**

Financial Performance

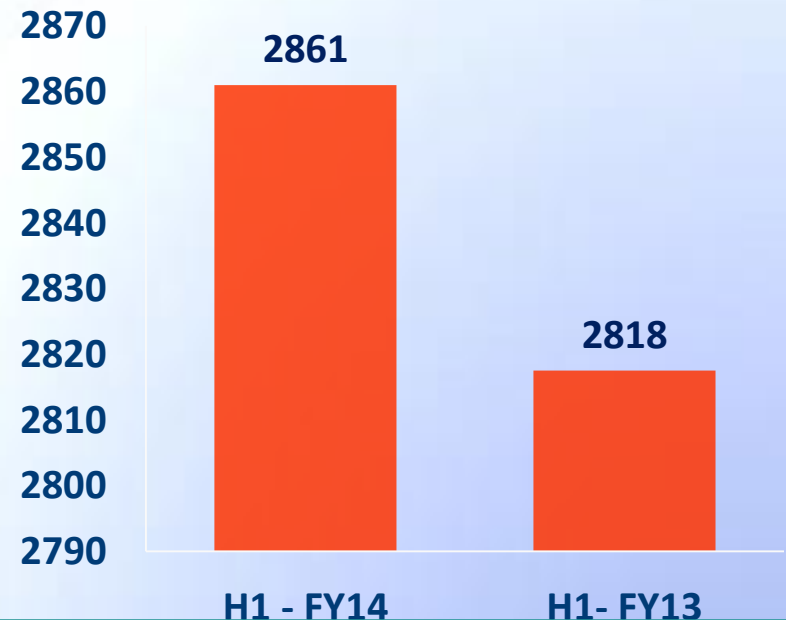
Cash Profit

Unit : Rs Crore

Annual Cash Profit Performance



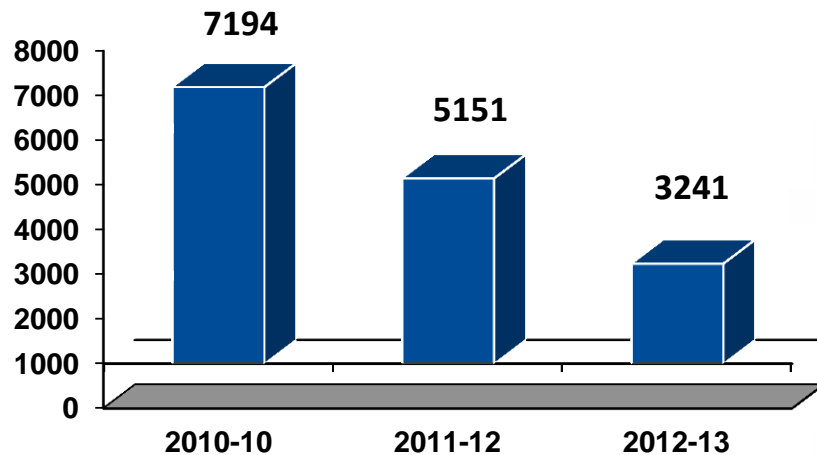
H1- FY14 vs. H1- FY13



Cash Profit for H1 FY 14 & H1 FY13 is before adjustment of exceptional item of Rs. 156 crore (Loss) and Rs. 215 crore (Loss) respectively on account of FE Variation but after taking into account Rs. 1056 crore (Profit) in H1 FY14 received on account of damages awarded in favour of SAIL on account of non-performance of contract.

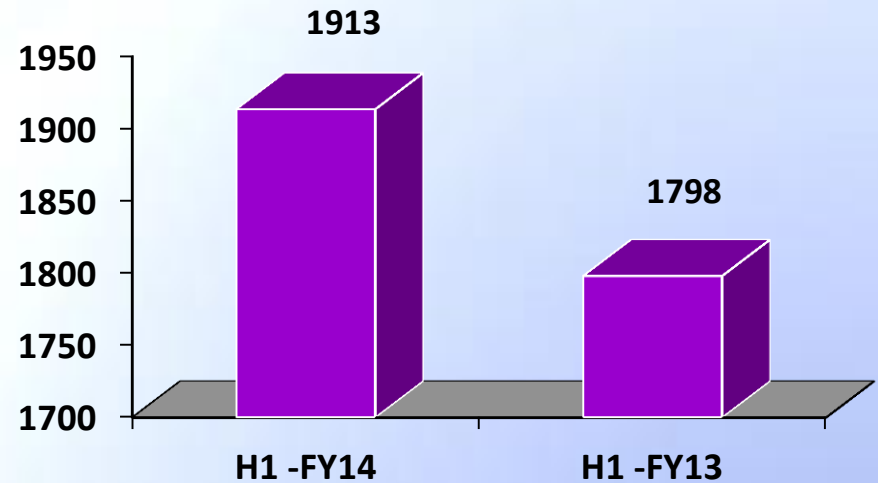
Financial Performance

PBT (Rs. Cr.)



Annual PBT Performance

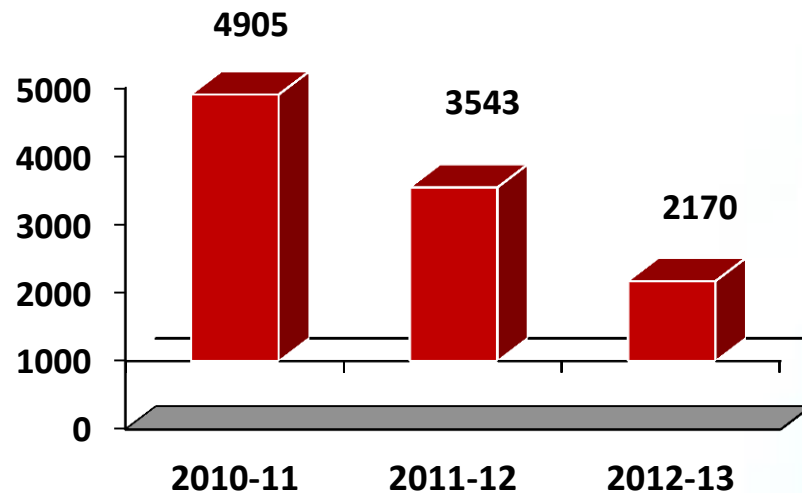
H1 - FY14 vs. H1 - FY13



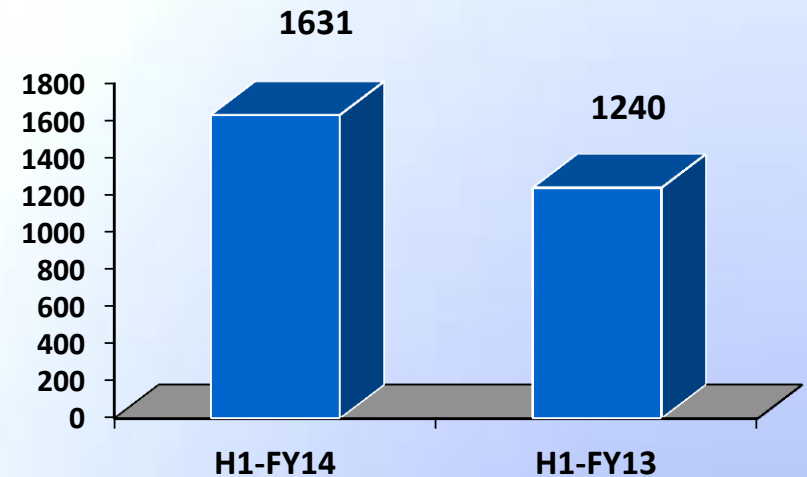
Financial Performance

PAT (Rs. Cr.)

H1 - FY14 vs. H1 - FY13

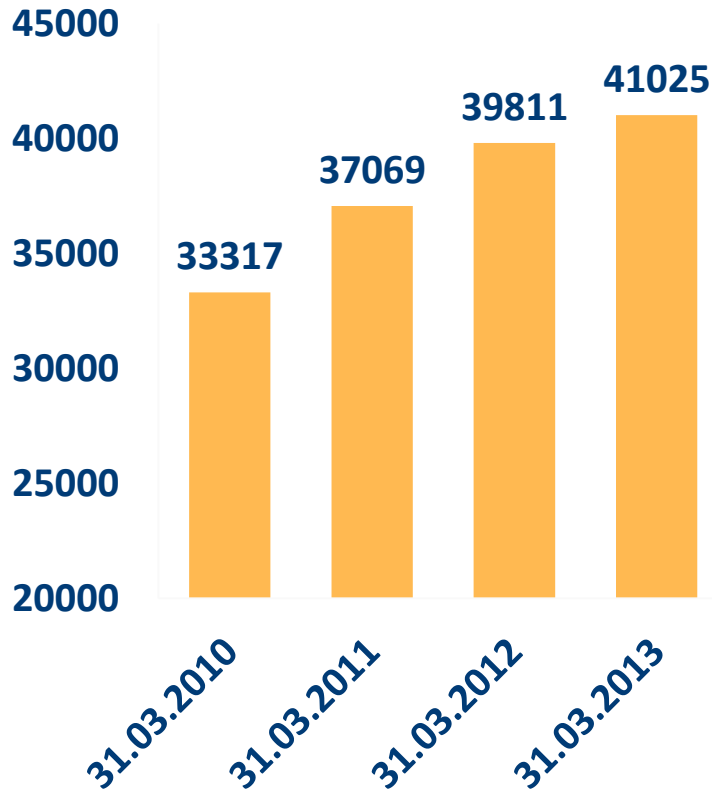


Annual PAT Performance
(Apr. - Mar.)

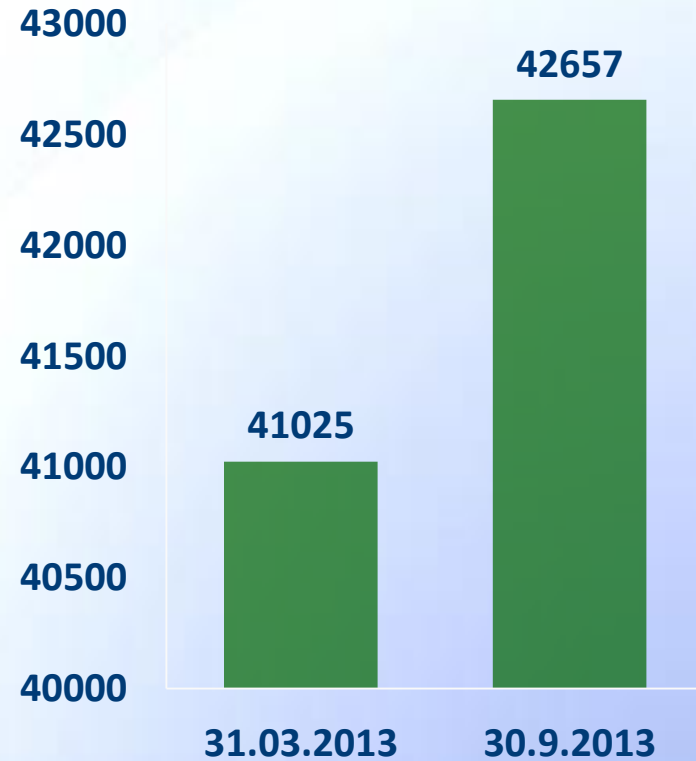


Financial Performance

Net Worth (Rs. Cr.)



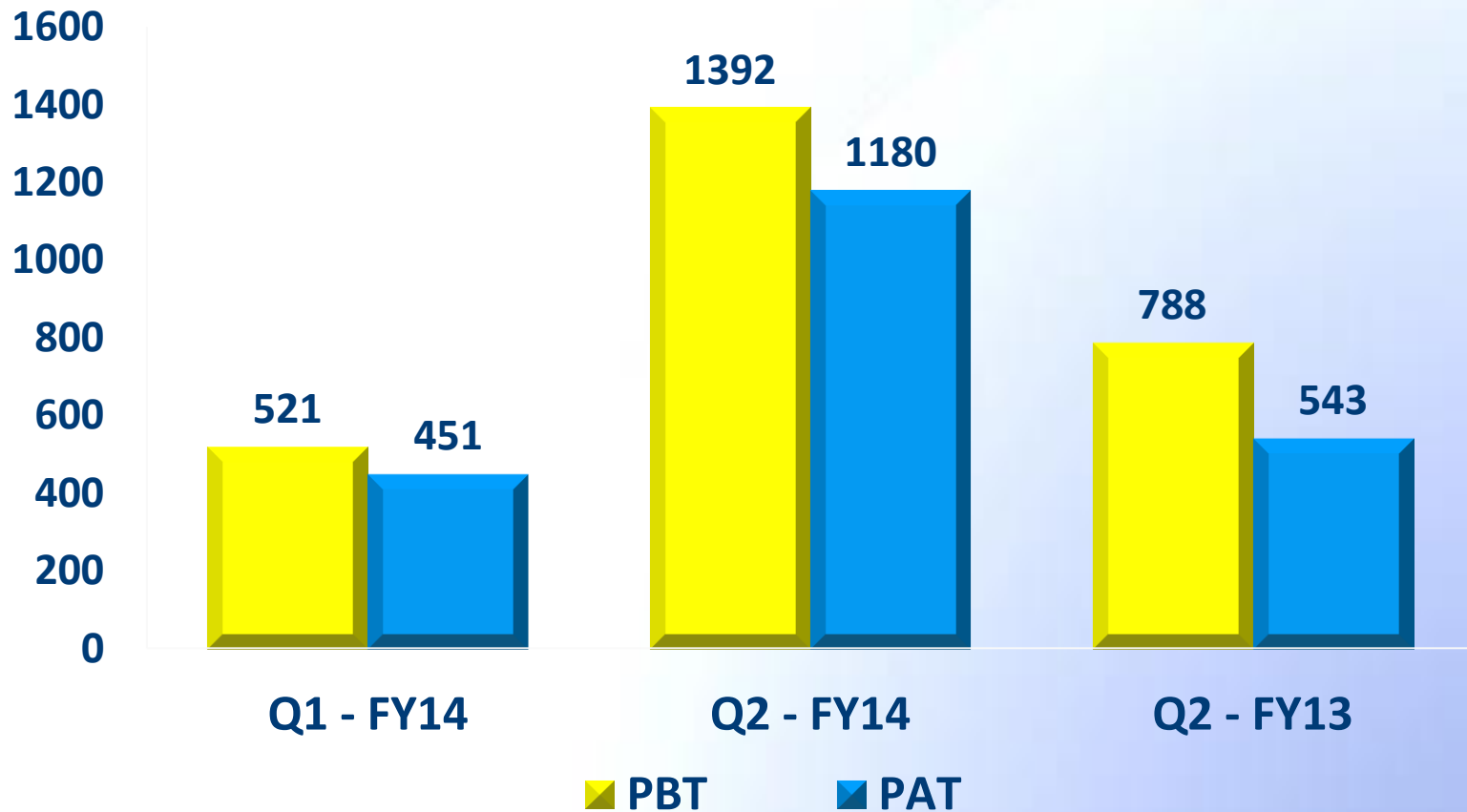
Net Worth Value - Annual



Change in Net Worth

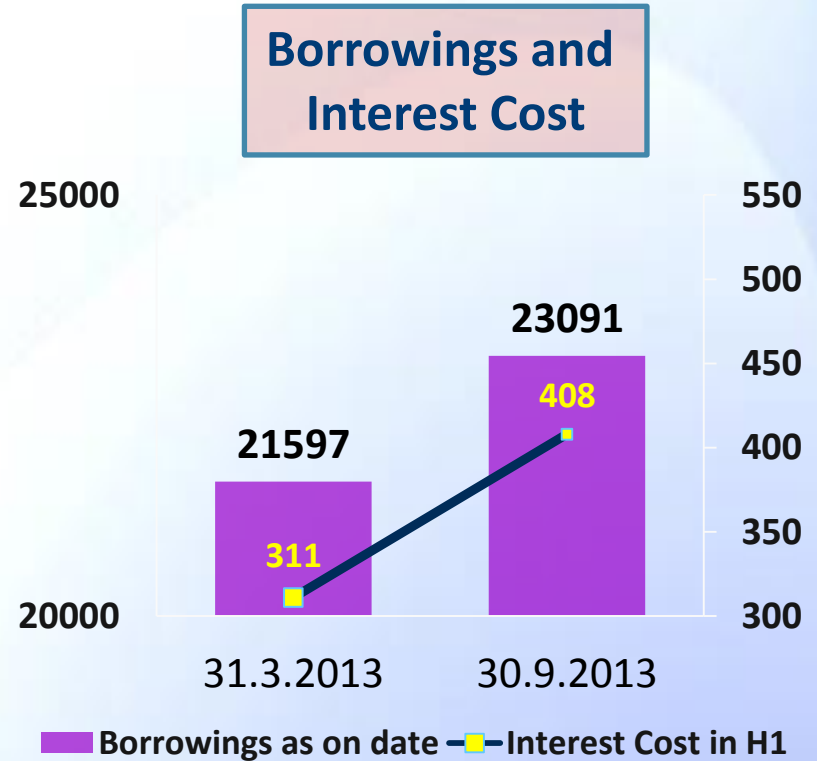
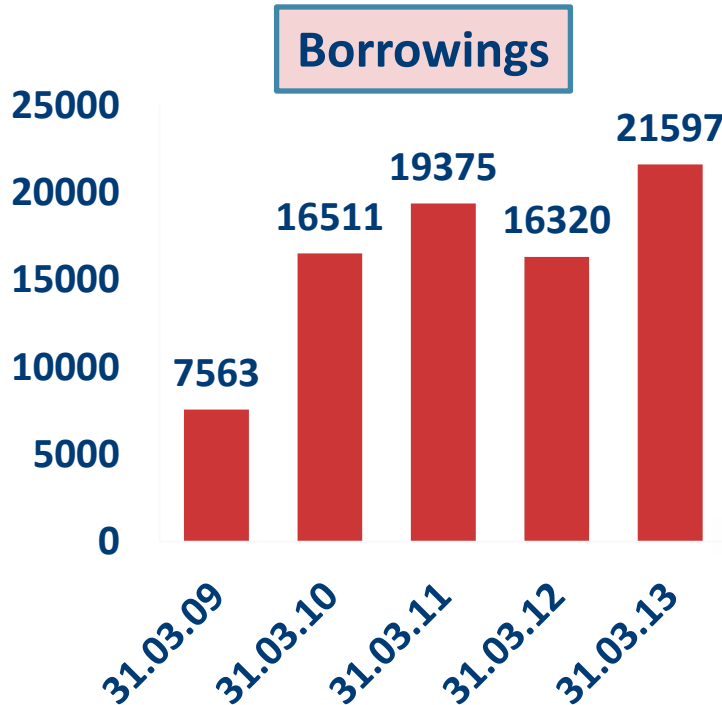
Financial Performance

Quarter - wise Profits (Rs. Crore)



Financial Performance

Borrowings (Rs. Crore)



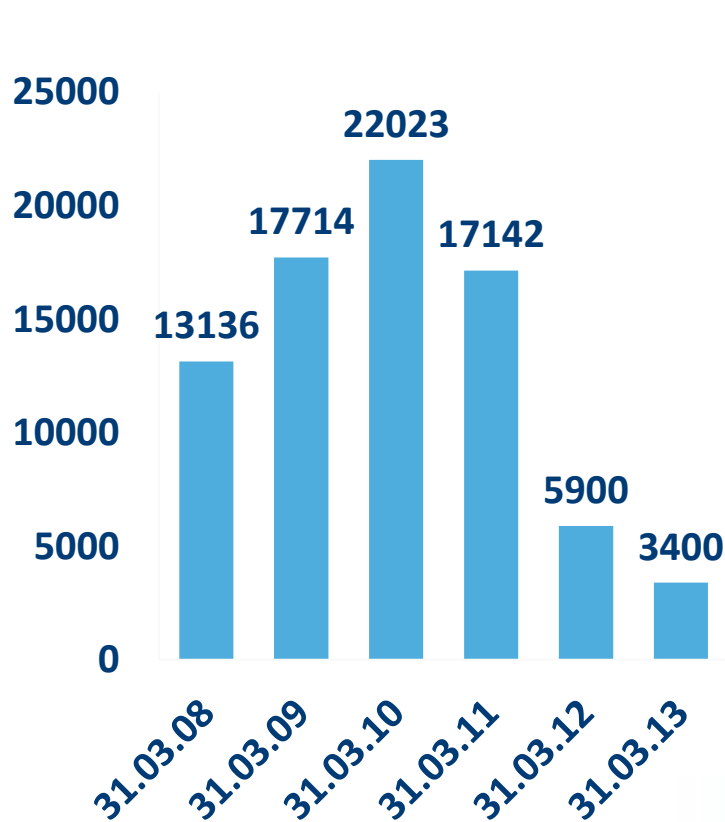
The ongoing CAPEX is being financed through Debt-Equity Ratio of 1:1

Year	31/03/2011	31/03/2012	30/06/2012	31/03/2013	30/09/2013
D/E Ratio	0.52	0.41	0.45	0.53	0.54

Financial Performance

Short Term Investments in Banks

(Rs. Crore)



Performance Highlights – H1 FY - 14

- ✓ **Saleable Steel Production of 6.5 million tonne**
- ✓ **Semis component in Production 22.9 % of saleable steel of 5 Integrated Steel Plants**
- ✓ **Saleable steel Sales of 5.6 million tonne**
- ✓ **Hot Metal production of 7.1 million tonne**
- ✓ **Crude steel production of 6.7 million tonne**
- ✓ **Special Steel Production of 2.6 million tonne**
- ✓ **Production through Concast route of 4.8 million tonne**

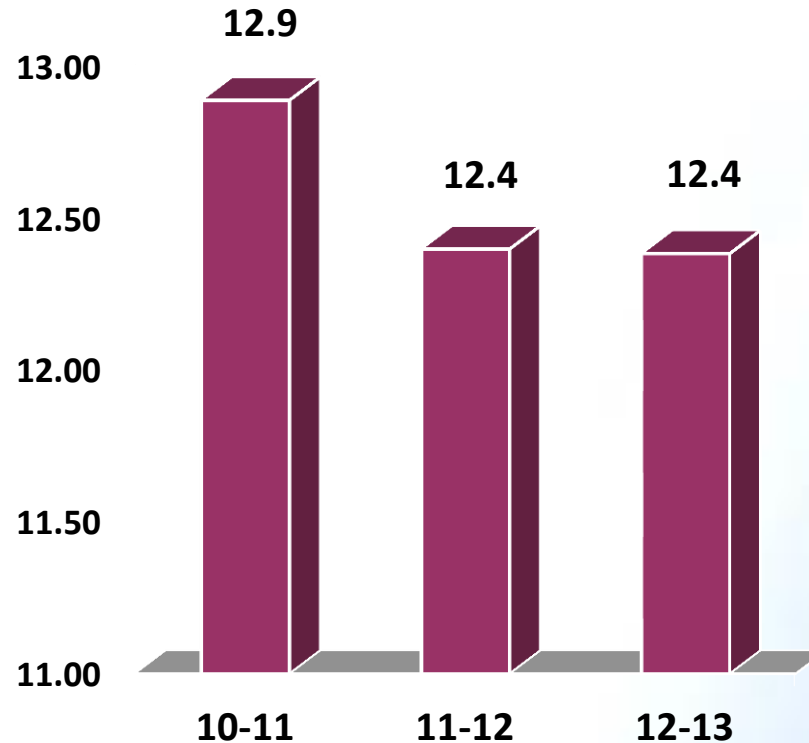
Performance Highlights – H1 FY 2014

Major Techno Economic Parameters

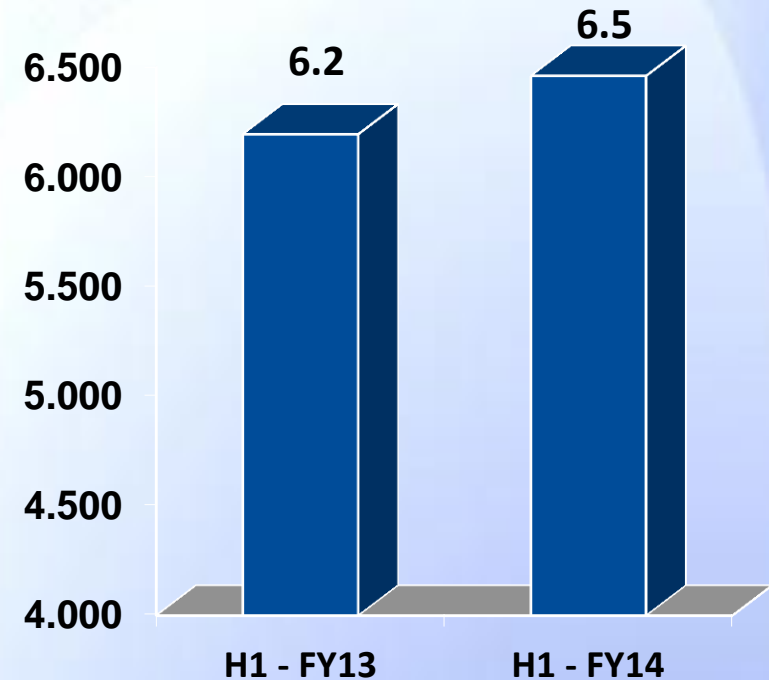
- ✓ **Coke Rate at 516 kg/T**
- ✓ **Fuel Rate at 573 (kg/THM)**
- ✓ **Energy Consumption 6.58 (GCal/TCS)**

Production Performance

Saleable Steel (in Million Tonne)



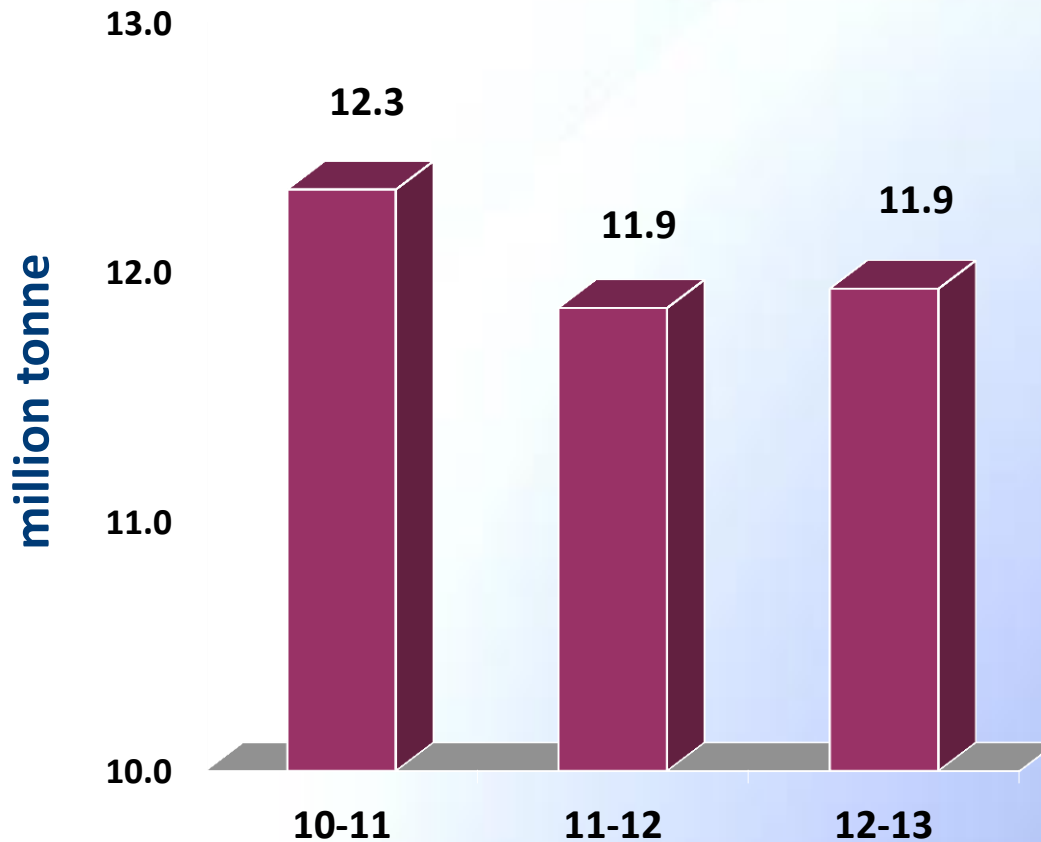
**Annual Saleable Steel Production
(including Special Steel Plants)**



**Saleable
Steel Production
(incl. Spl. Steel Plants)**

Production Performance

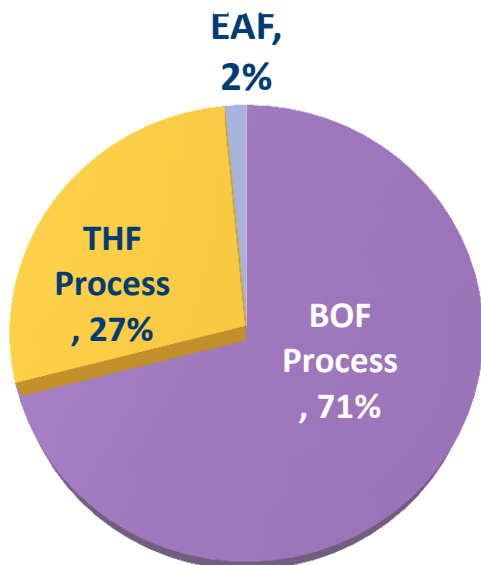
Saleable Steel from 5 Integrated Steel Plants



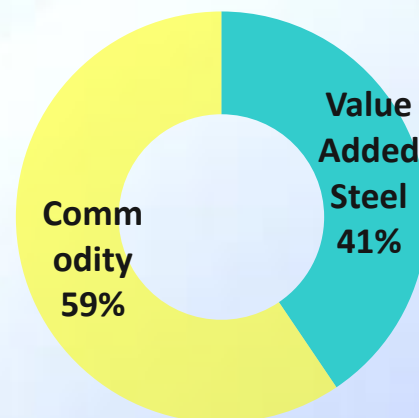
Production by Process & Sales Mix: H1 FY 14



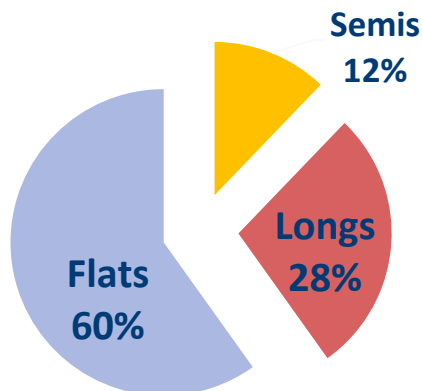
Crude Steel Production by process



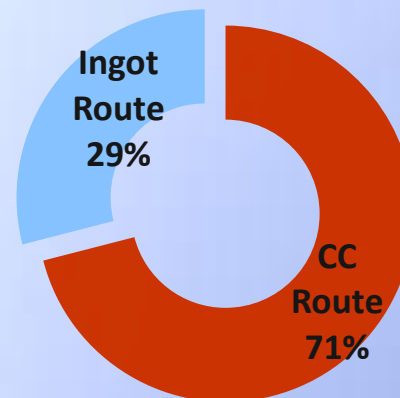
Production of Value Added Steel (5 ISPs)



Sales of Saleable Steel (5 ISPs)

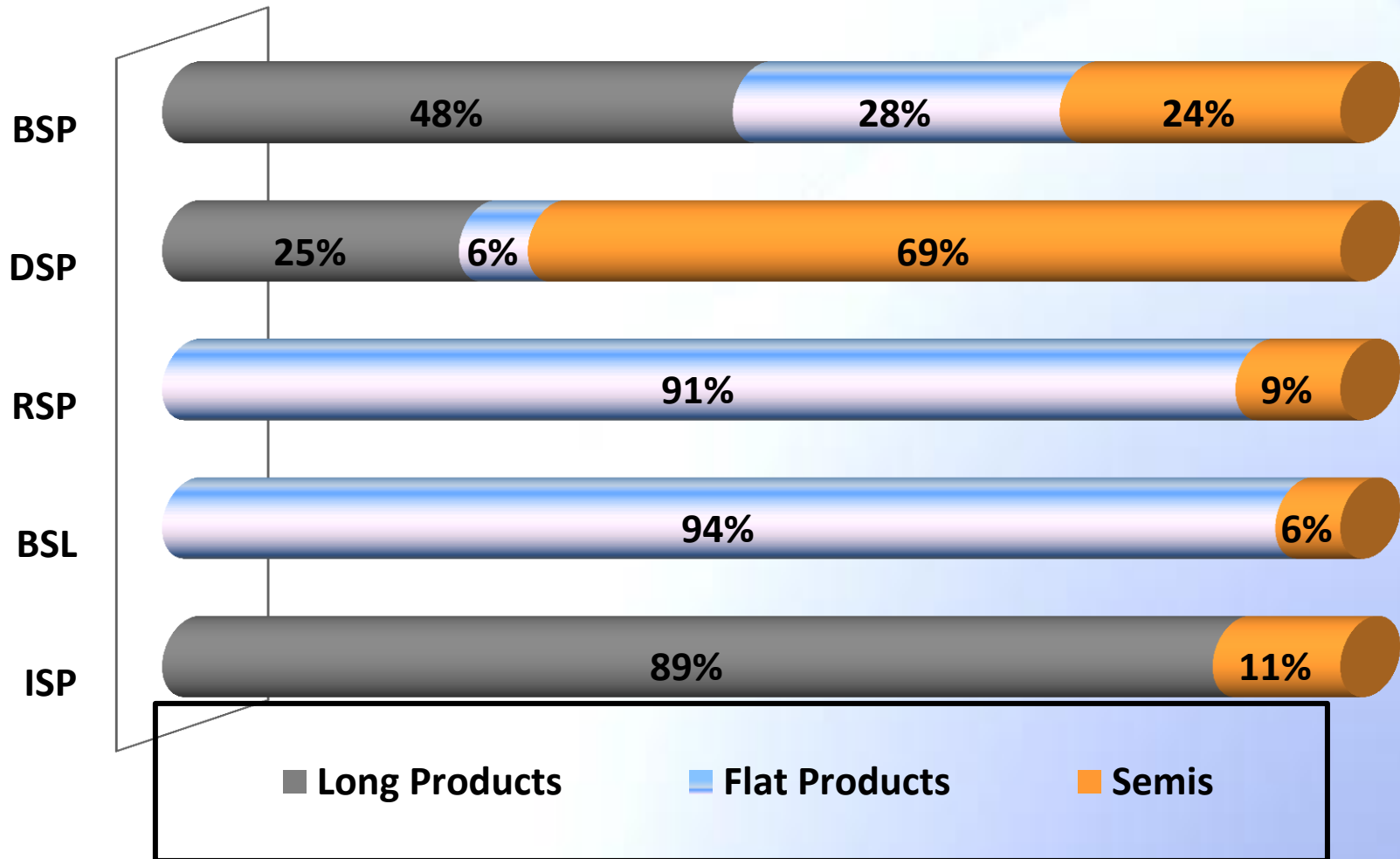


Production of Value Added Steel



Product Mix: Production Five Integrated Steel Plants: H1 FY 14

In percentage

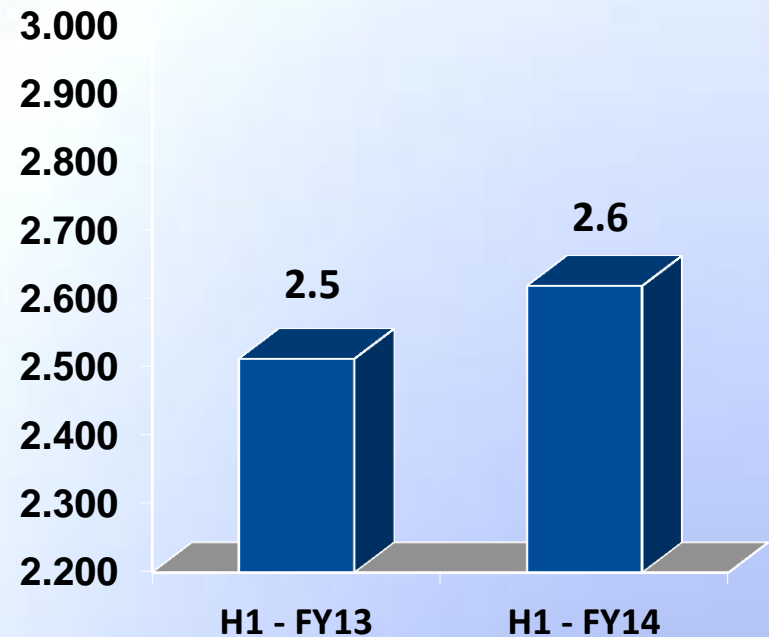
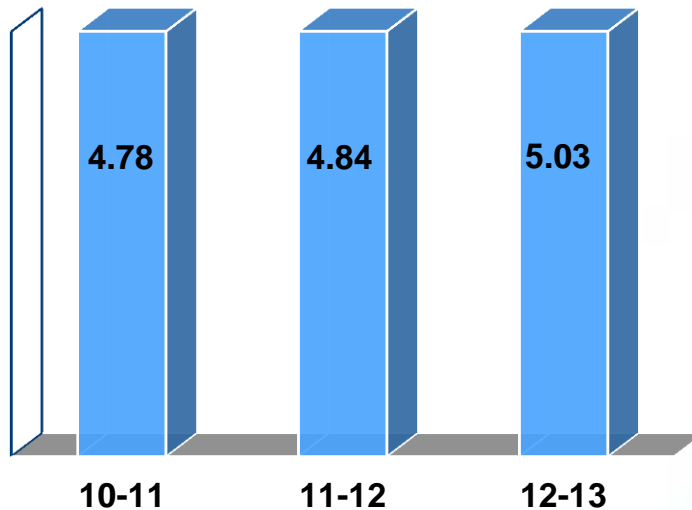


SAIL – 5 ISPs : Semis 23%; Flats 54%; Longs 23%

Special Steel Production

(in Million Tonnes)

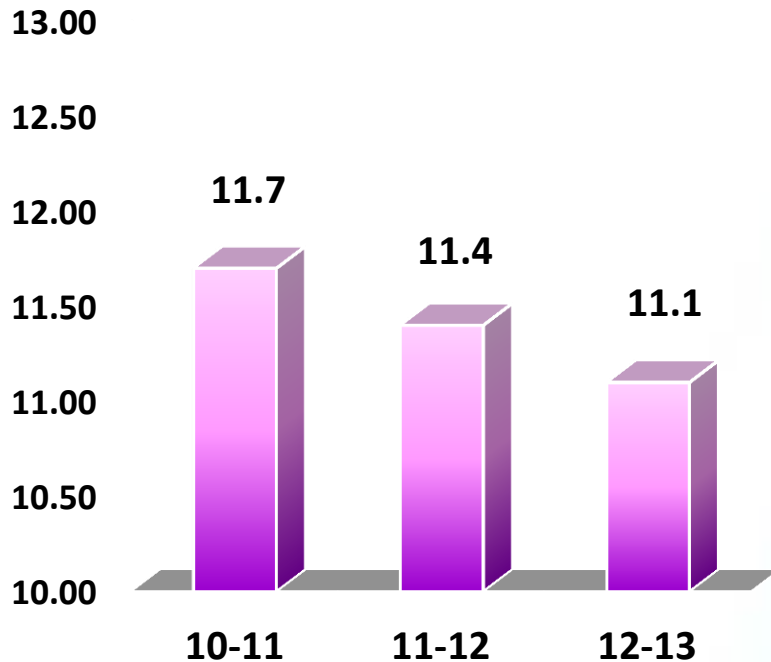
Production of Value added materials



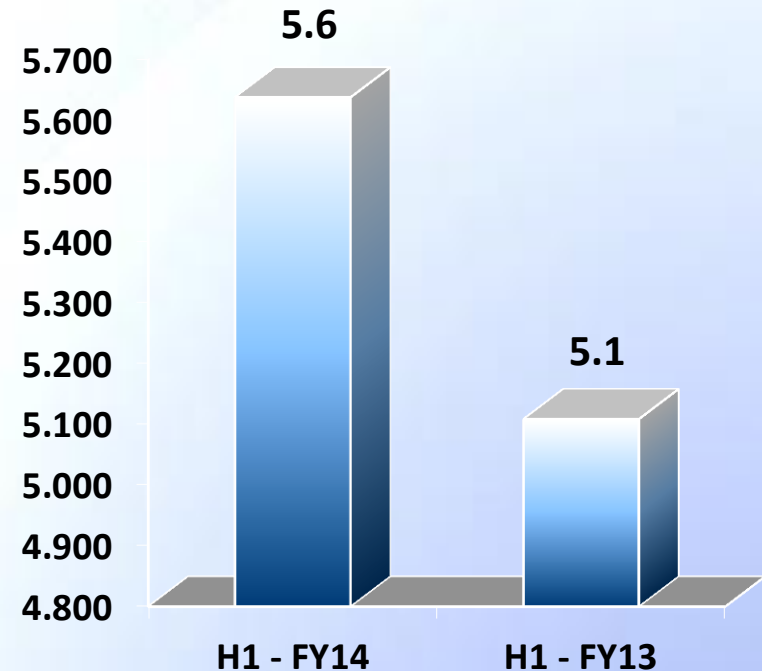
4% increase in production of Value Added Products

Sales Performance

Saleable Steel (in Million Ton)



**Annual Saleable Steel Sales
(including Special Steel Plants)**



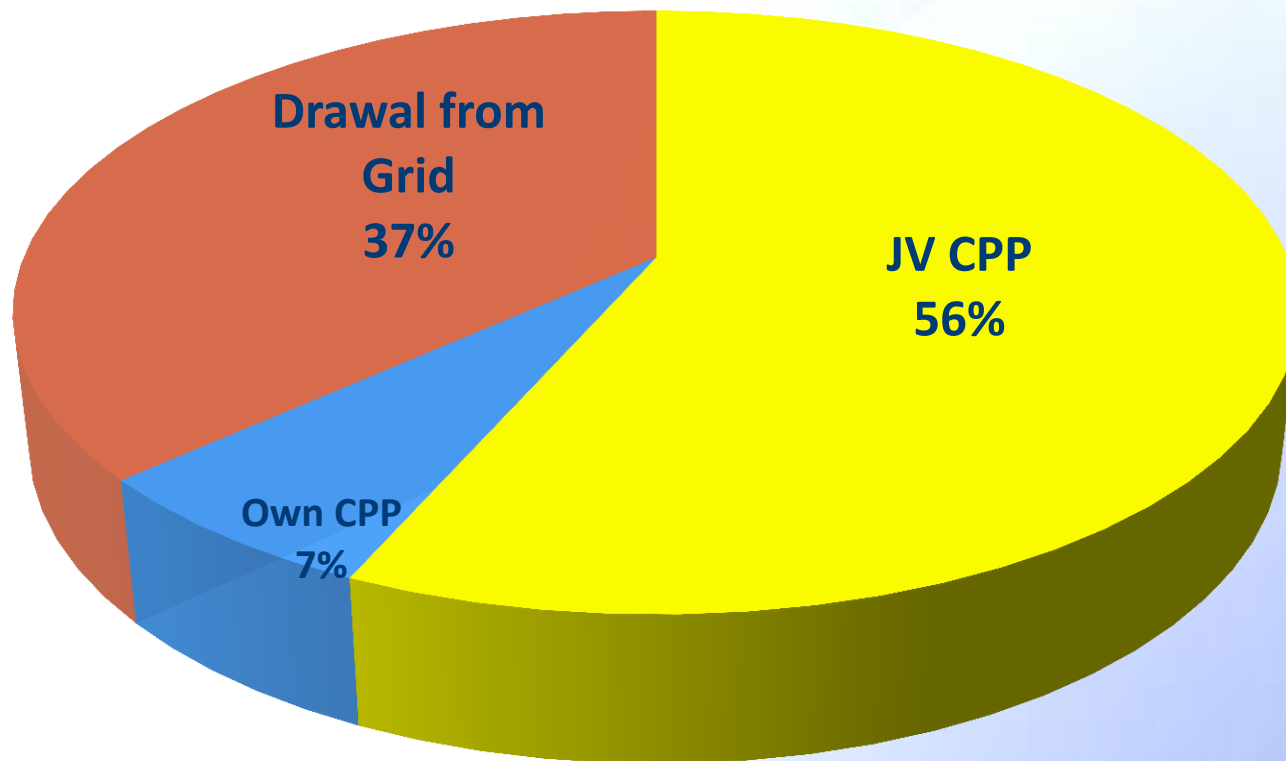
**Saleable Steel Sales
(incl. Spl. Steel Plants)**

Sales through Dealer Network



Sales through Dealer Network during H1 FY 14 : 2.51 lakh tonne

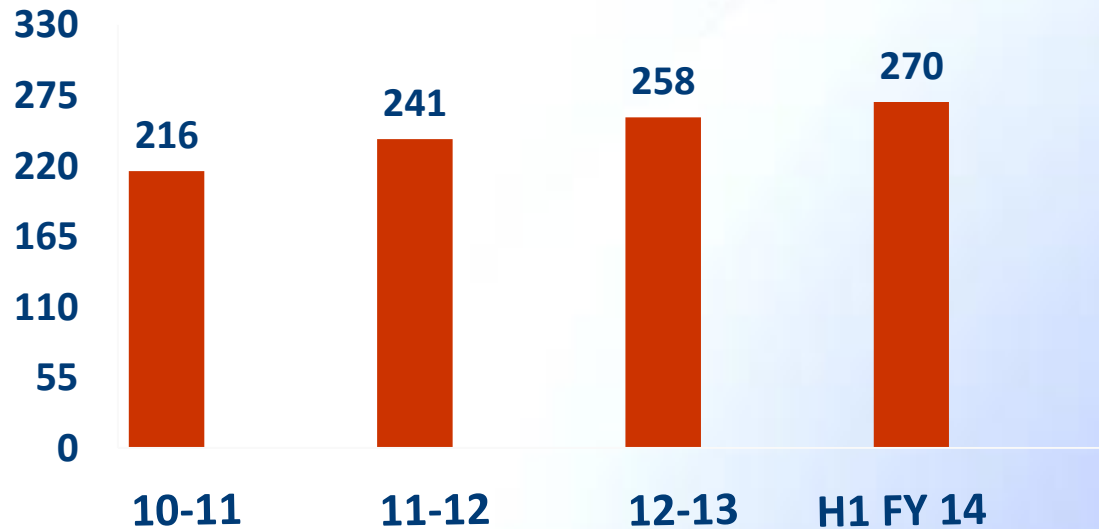
Captive Power Generation & drawal from the Grid



H1 FY 14

Labour Productivity

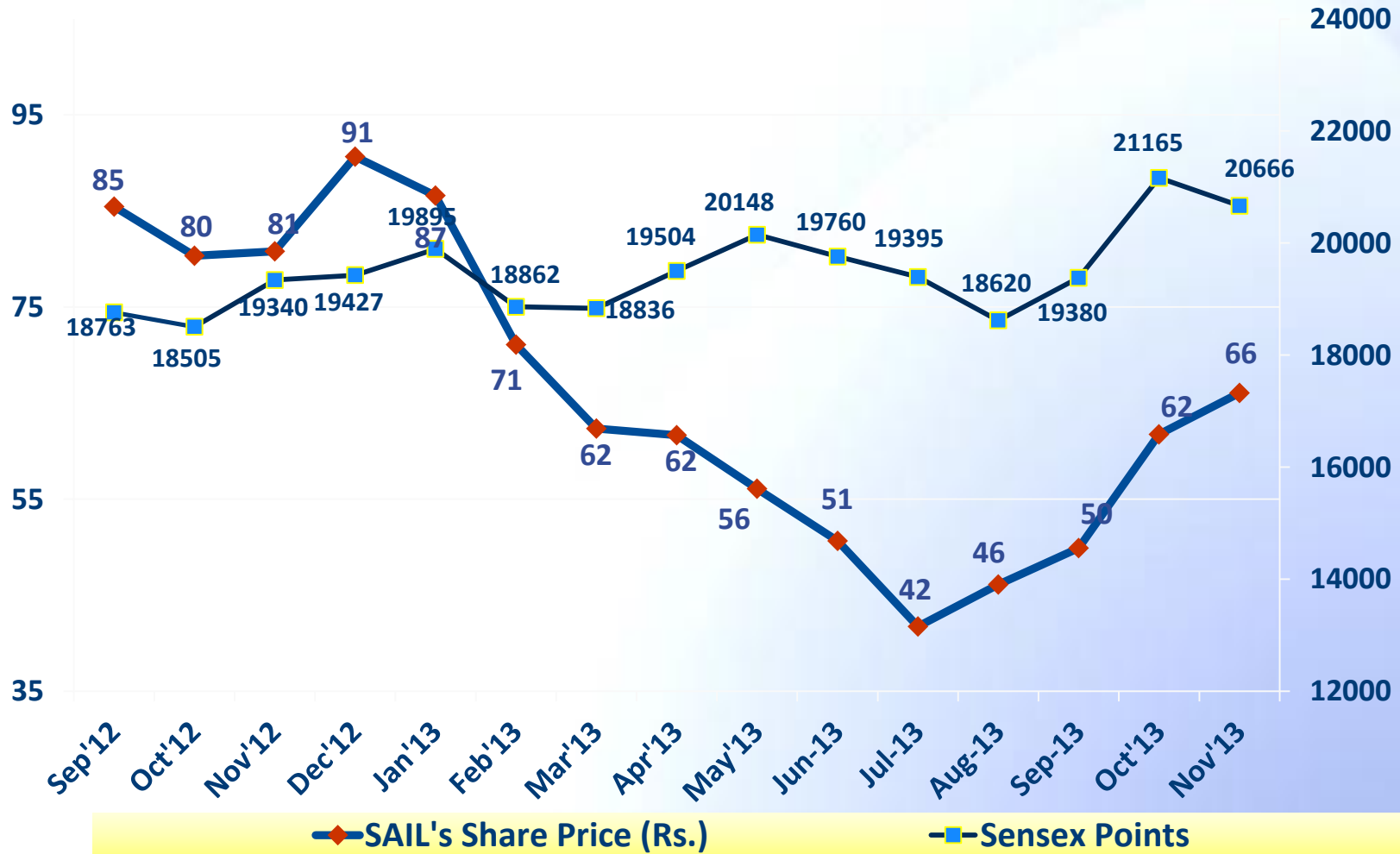
Tonnes Crude Steel /man - year



**Labour
Productivity:
351 TCS/man-
year
at BSP**

Current manpower : 98,423 numbers as on 01.10.2013

Performance of SAIL Share price vis-à-vis Sensex



Closing Share Price and Sensex as on the last day of the month except November 2013 on 8th November, 2013

Dividend

	Interim (%)	Final (%)	Total (%)	Dividend (Rs. Crore)	Dividend Tax (Rs. Crore)
2012 -13	16	4	20	826	134
2011 -12	12	8	20	826	134
2010 -11	12	12	24	992	162
2009 -10	16	17	33	1363	228
2008 –09	13	13	26	1074	181
2007- 08	19	18	37	1528	259
2006-07	16	15	31	1280	197

EXPANSION AND MODERNISATION PLAN

Coal Handling Plant under RMHS at ISP



RSP: Blast Furnace Tapping



RSP: BATTERY-6



New Sinter Plant No.3 at RSP

SAIL's Expansion Plan

Particulars	Million Tonne	
	Actual production 2012-13	After On-going Expansion
Crude Steel	13.4	21.4
Saleable Steel	12.4	20.2

Expansion Plan : Technological Shift

Technology	Current Status	After Expansion
BOF Steel Making	79%	100%
CC Route	71%	94%
Pelletisation Plant	No	Yes
Coke Dry Quenching	Partial	Yes
Top Pressure Recovery Turbine	No	Yes
Auxiliary Fuel Injection in BF	Partial Coverage	Full Coverage
Desulphurization of Hot Metal	Partly	100 %
Beam Blank Casting	No	Yes
Coupled Pickling & Tandem Mill	No	Yes
Beneficiation Plant	Partial	Full

Ongoing Projects

The Expected Outcome:

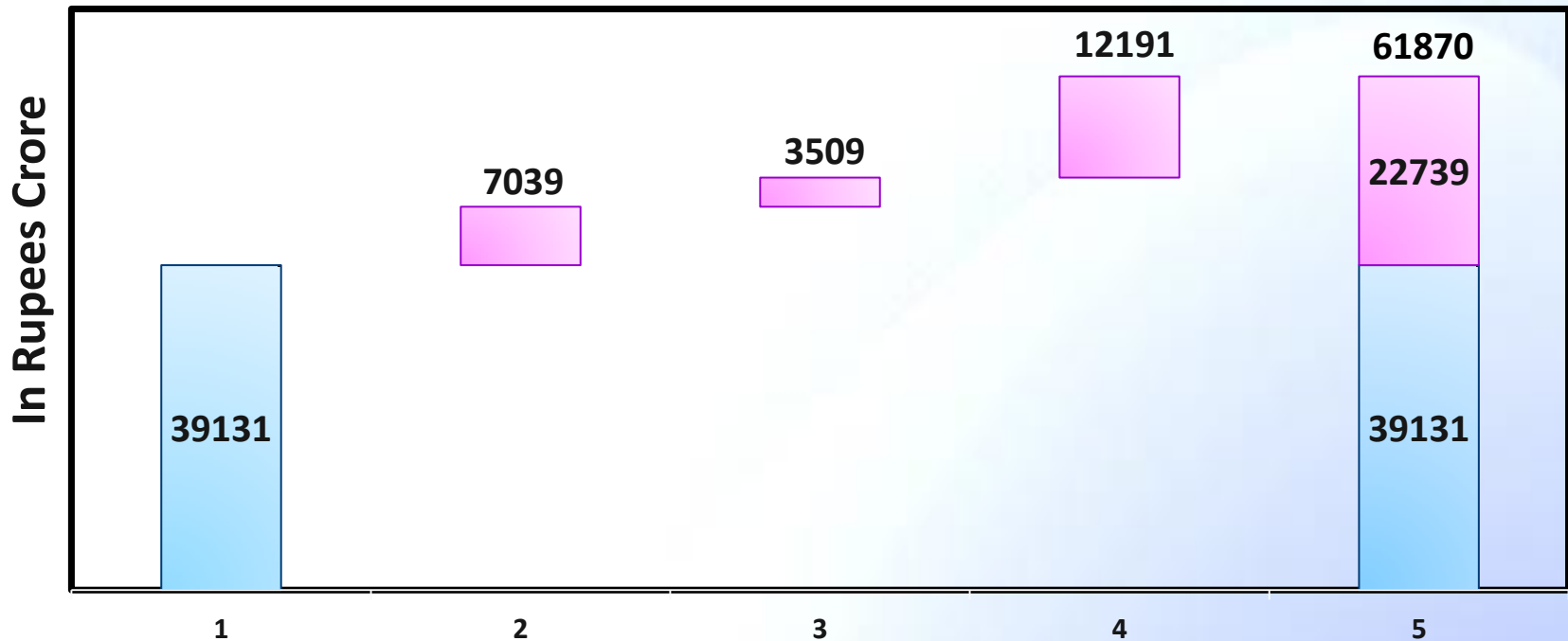
- Production through twin-hearth furnace (THF) route to be replaced by BOF-LD converter route.
- Production through Ingot – teeming route to be replaced with Continuous cast production route.
- Enhancement of Production Capacity by addition of 3 new 4060 m³ Blast Furnace.
- Increased Market Share.
- World class technology and products.
- Improved Product Mix / proportion of value added products to increase.
- Enhanced Pollution Control measures, with Environmental Conservation.

Ongoing Projects

The Products to be added:

- Auto grade CR Products, Galvanized Coils /Sheets.
- Plates / Pipes to meet up to API 100 Grade specification.
- Universal Beams/Heavy Beams to support increasing Infrastructural requirements.
- Rails for Metro – Railways and dedicated freight corridors.
- Increased production of Rails and wheels to meet the increasing requirements of Indian Railways.
- Quantum jump in Rounds and Structural production.
- Wider plates in the size of 4200 mm.

Ongoing Projects



1	Expansion of existing capacity
2	Value-addition / Product-mix improvement
3	Technological up gradation / Modernization
4	Sustenance including de-bottlenecking, AMR & Environment
5	Total Estimated Cost

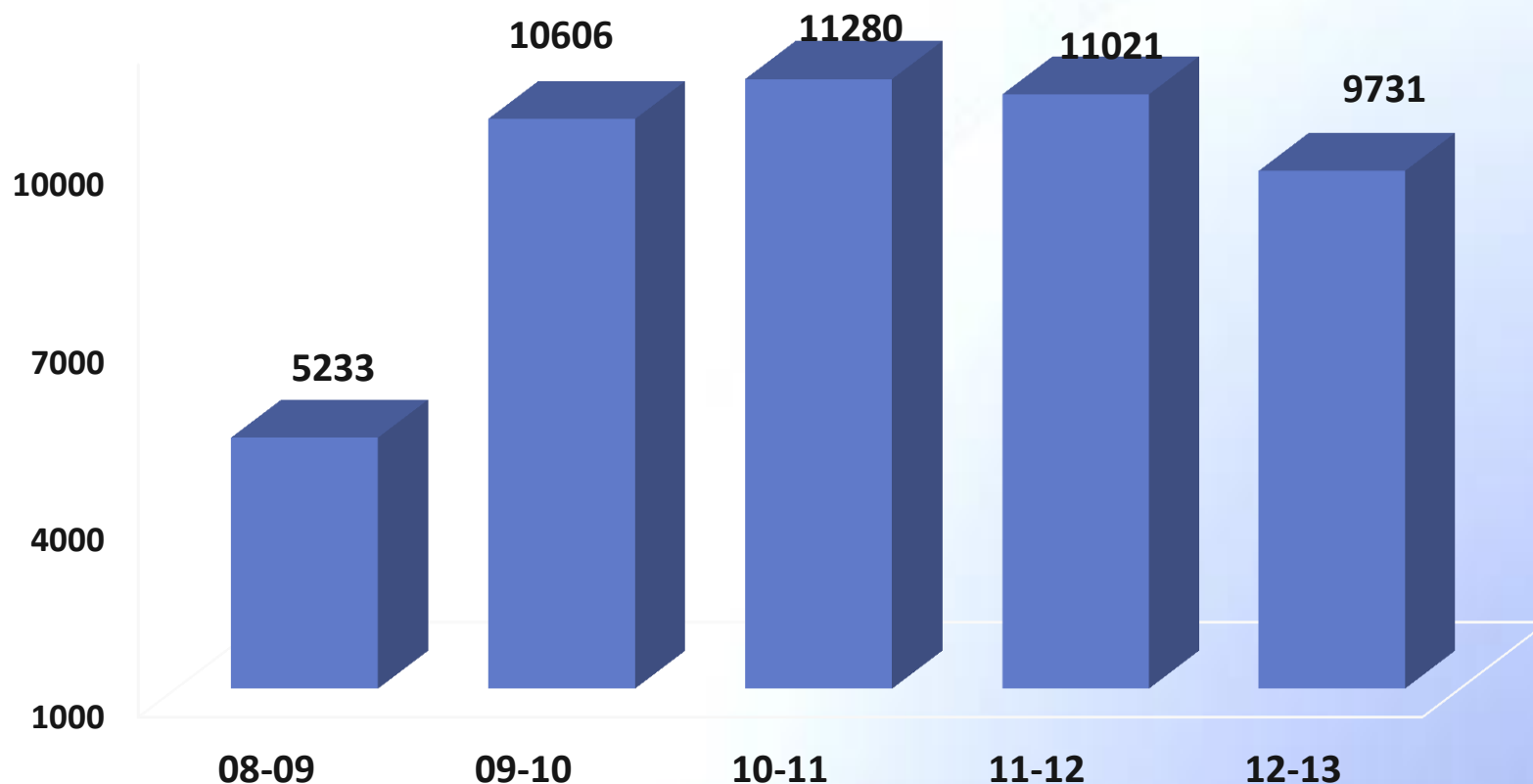
Ongoing Projects

- The ongoing expansion has been planned to achieve saleable steel production of 20.23 million tonne at a cost of Rs. 39,131 crore approximately
- In addition, following capex has also been planned for schemes ,as given here:

Value Addition / Product-Mix Improvement	Rs. 7,039 crore
Technological Upgradation / Modernization	Rs. 3,509 crore
Sustenance including de-bottlenecking, AMR & Environment	Rs. 12,191 crore
Augmenting Raw Material from existing mines & development of new mines	Rs. 10,264 crore

Total Capital Expenditure Including on Modernisation & Expansion

Unit : Rs Crore



- Total CAPEX includes Rs. 48,426 crore spent till 30th September 2013 against modernization & expansion. CAPEX Plan for 2013 -14 is Rs. 11,500 crore.
- Actual Expenditure in H1 FY 14 is Rs. 4609 Crore.

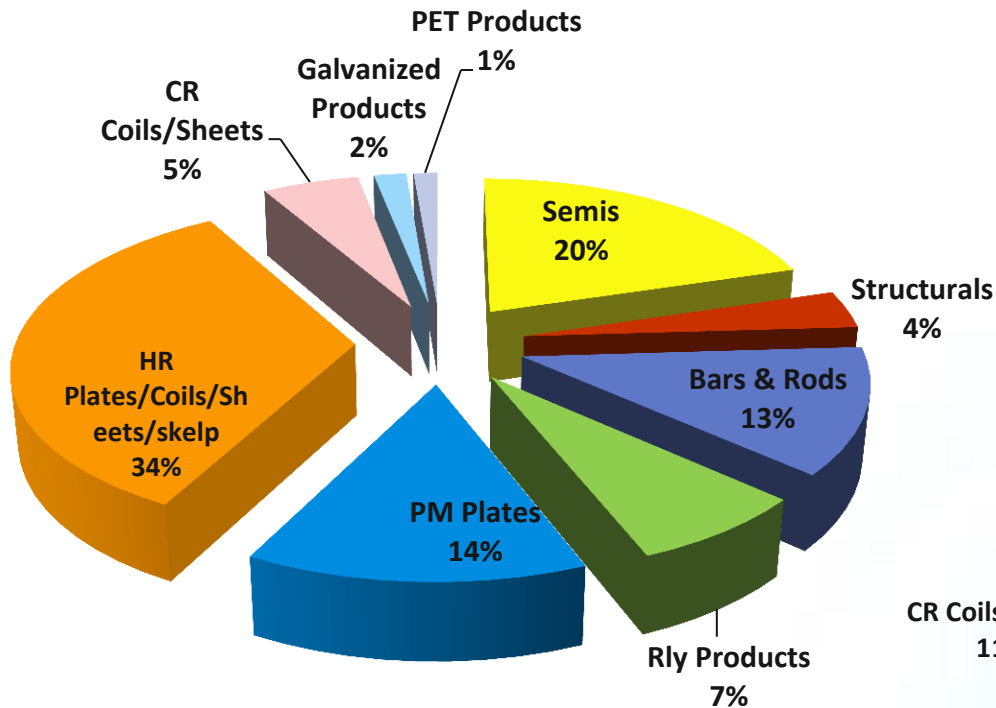
Ongoing Projects

- Orders for over Rs. 58,609 crore have already been placed as on 30.9.2013 for various Modernisation & Expansion Projects / Sustenance Schemes.
- Various options for raising fund to finance the Capex Plan, including ECB, ECA, Domestic / International Bonds and Term Loans from Banks are being continuously explored to minimize the debt cost.

Capacity increase after Expansion

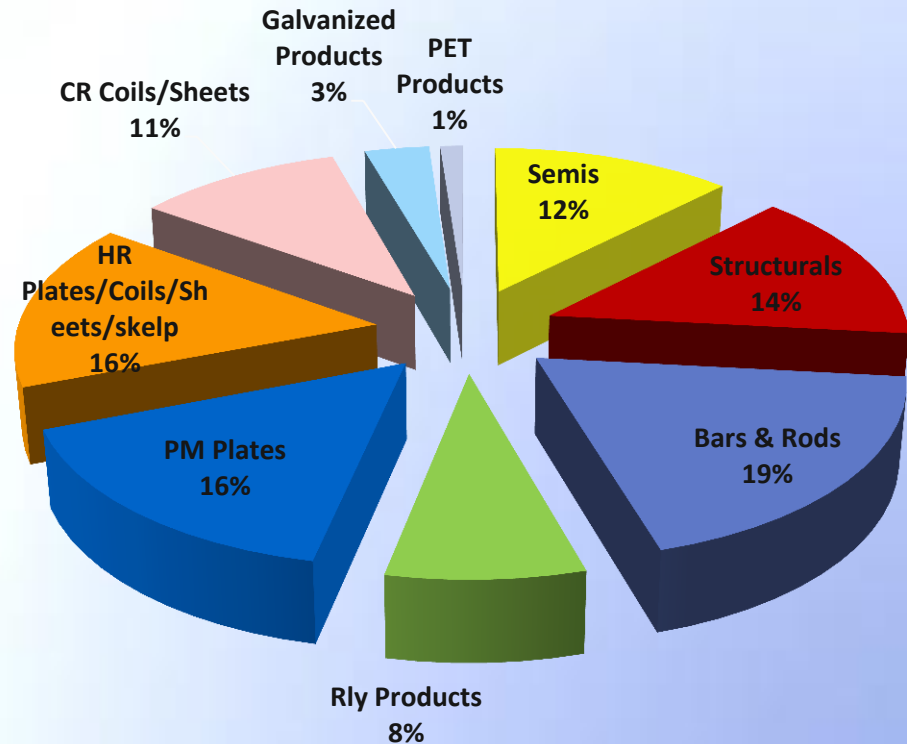
Plant	Hot Metal (MTPA)		Crude Steel (MTPA)		Saleable Steel (MTPA)	
	2012-13	After Expansion	2012-13	After Expansion	2012-13	After Expansion
BSP	5.2	7.5	5.0	7.0	4.4	6.6
DSP	2.2	2.5	2.0	2.2	1.9	2.1
RSP	2.4	4.5	2.2	4.2	2.1	4.0
BSL	4.1	5.8	3.8	4.6	3.3	4.2
ISP	0.2	2.9	0.1	2.5	0.2	2.4
VISL	0.1	0.3	0.1	0.2	0.1	0.2
ASP	-	-	0.1	0.5	0.1	0.4
SSP	-	-	0.1	0.2	0.3	0.3
TOTAL	14.2	23.5	13.4	21.4	12.4	20.2

Product Mix - Saleable Steel Production



FY 13

**Post
Ongoing Expansion**



CAPEX Status for the ongoing Expansion & Modernisation as on 30.09.2013



Orders placed include Actual Expenses Incurred.

Orders Placed/ Expenditure are excluding Capex Plan of Rs. 10264 crore for development of Raw Material facilities and actual expenditure of Rs. 851 crore against the same

Salem Steel Plant

- **Facilities added:**

- **Steel melting Shop – Electric Arc Furnace (55 T); AOD Converter (60 T); Ladle Furnace (60 T); Single Strand Slab Caster.**
- **Roller Grinder for Hot Rolling Mill**
- **Cold Rolling Mill Complex (except 20-high Sendzimir Mill)**

- **Facilities being added:**

- **Production (MTPA) :**

Item	2012 -13 (Actual)	After Expansion
Crude Steel	0.069	0.18
Saleable Steel	0.270	0.34

- Major facilities are expected to be progressively commissioned as follows:

Facilities Commissioned

- New Coke Oven Battery (0.88 Mtpa, 2 x 37 ovens, 7 m tall) –
 - First consignment of BF coke was despatched in Feb 2013
- Sinter Machines (3.88 Mtpa gross sinter production, 2X204 m2)
 - Hot trial production started in Q4 FY13
- Wire Rod Mill (0.5 MTPA)
 - Hot trials started on 31.3.2013 and in progress

During H2 FY 2013-14

- Blast Furnace 4060 m3 (2.7Mtpa) – linked to commissioning of BOF
- 3 nos. of 150 T BOF Converters. (Two to be operated at a time)
- 2X6 Strand Billet Casters.
- Bar Mill (0.75 MTPA)
- 1X4 Strand Beam Blank / Bloom Caster) is expected to be commissioned towards end of the year or next year
- Universal Section Mill (0.6 MTPA) is expected to be commissioned towards end of the year or next year

IISCO Steel Plant

- New stream to produce 2.7 MTPA of Hot Metal
 - Total Hot Metal capacity to go up to 2.91 MTPA
 - Crude Steel to go up to 2.5 MTPA.
- Saleable Steel from both existing & new facilities: 2.39 MTPA.
- **Production (MTPA) :**

Item	2012 -13 (Actual)	After Expansion
Crude Steel	0.139	2.50
Saleable Steel	0.169	2.39

Current Progress of Expansion at IISCO Steel Plant

Coke Oven Battery-11



SINTER MACHINE-1



**Centralised Compressed Air
Station**



Converter



BLAST FURNACE #5



Caster



Wire Rod Mill



Wire Rod Mill - Coil Formation



Bokaro Steel Plant

- Major facilities are expected to be progressively commissioned as follows:

New Facilities already commissioned:

- Re-building of 2 Coke Oven Batteries.
- Up-gradation of Blast Furnace #2 and Stoves Up-gradation of #5
- Auxiliary fuel injection in two Blast Furnaces
- Partial completion New Cold Rolling Mill (CRM)
 - Acid regeneration Plant. Skin Pass Mill, Coil Packaging Lines

During H2 FY 2013-14:

- Capital repair of Blast Furnace #1 has commenced.

Bokaro Steel Plant

During H2 FY 2013-14

- Up gradation of HSM with augmentation of Roughing facility & a new replacement Re-heating Furnace.
- Conversion of higher quantities of HR Coils to value added CR Products
- Integrated Commissioning of New Cold Rolling Mill (CRM) complex, including Galvanising Facilities – 1.2 MTPA.
- Augmentation of existing Sinter Machines
- Up-gradation of Steel Melting Shop II with necessary auxiliary facilities/Hot Metal Desulphurisation unit.
- **Production (MTPA) :**

Item	2012 -13 (Actual)	After Expansion
Crude Steel	3.76	4.61
Saleable Steel	3.33	4.18

Current Progress of Expansion at Bokaro Steel Plant

Tandem Cold Mill

Pickling Line

Coil Packaging Line

New CRM-III

First Coil from PLTCM

Skin Pass Mill at BSL



Coil Packaging Line at BSL

Bhilai Steel Plant

- **Major facilities are expected to be progressively commissioned from FY 2013-14 as follows:**
 - **New Coke Oven Battery No. 11 (7 m tall),**
 - **Second Sinter Machine in Sinter Plant-3,**
 - **Blast Furnace 4060 m³.**
 - **Universal Rail Mill - Enhancing production of Rails to 1.5 MTPA (Class A Heavier Rails).**
 - **Bar & Rod Mill.**

Cont....

Bhilai Steel Plant

During H1 FY 2014-15

- New Steel Melting Shop (SMS-3) with Secondary Refining Facilities.
- New Billet casters
- Phasing out of low yield & energy intensive units viz. Twin Hearth Furnace, Ingot casting, Soaking Pits and Blooming and Billet Mill.

• Production (MTPA) :

Item	2012 -13 (Actual)	After Expansion
Crude Steel	5.01	7.0
Saleable Steel	4.36	6.56

Current Progress of Expansion at Bhilai Steel Plant

Coal Tower



Cellar Area



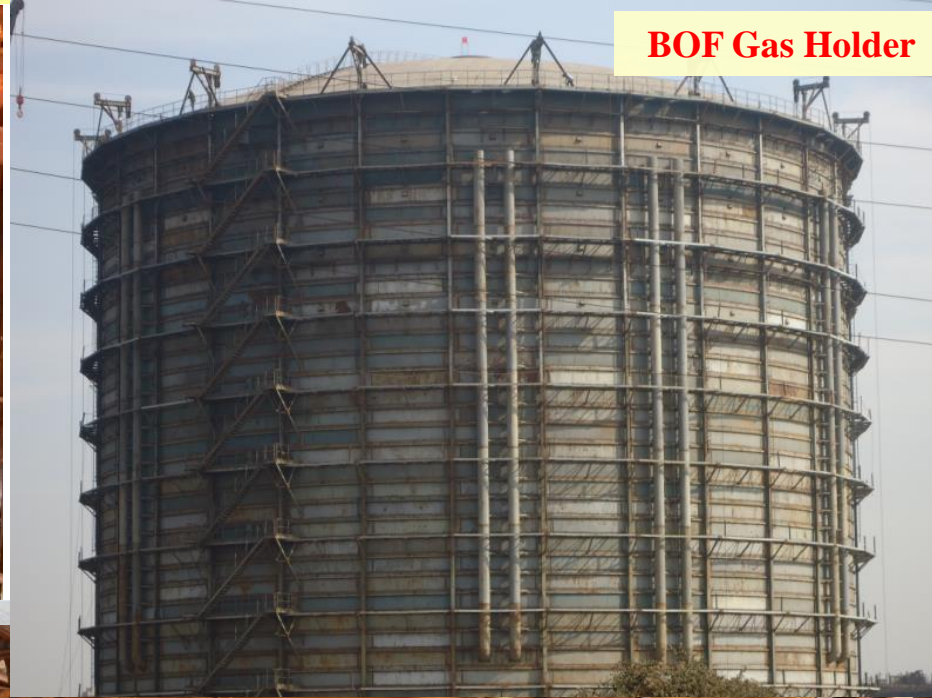
COB11

Current Progress of Expansion at Bhilai Steel Plant

Equipment erection at COB-11



BOF Gas Holder



BF 8: Hot Stoves



Refractory at Vertical flue zone and EOT Crane



Rourkela Steel Plant

- Major facilities are expected to be progressively commissioned as follows:

Facilities Commissioned:

- New Coke Oven Battery -6 (7 m tall, 1 x 67 ovens)
 - Commissioned in April 2013
- New Sinter Plant -3 (1 x 360m²)
- New Blast Furnace -5, 4060 m³ useful volume.
- New 3rd Single Strand Slab Caster with balancing facilities for operation and increased production in SMS - II.

During H2 FY 2013-14

- New 3rd BOF (150 T), 3rd Ladle Furnace, RH Degasser-OB
- New 4.3 meter Wide Plate Mill (1.0 Mpta in current phase, with provision for expansion to 1.8 Mtpa).

Rourkela Steel Plant

- Saleable Steel from both existing & new facilities:
3.99 Mtpa.
- Some existing uneconomical facilities to be taken down for major capital repairs or phased out.
- **Production (MTPA) :**

Item	2012 -13 (Actual)	After Expansion
Crude Steel	2.21	4.20
Saleable Steel	2.14	3.99

Progress of Expansion at Rourkela Steel Plant

New Coke Oven Battery - 6



New Blast Furnace - 5



Pig Casting Machine



Slab Caster



Durgapur Steel Plant

- Major facilities are expected to be progressively commissioned as follows:

During H2 FY 2013-14

- New Dolomite Plant (300tpd)
- New Slag Yard for SMS
- Rebuilding of Coke Oven Battery no-2
- New Ladle Furnace (125T)
- Up gradation of Raw Material Handling Facilities.
- Bloom-cum-Round Caster 1X4 (0.75 Mtpa).
- New Medium Structural Mill (1.0 Mtpa)

Production (MTPA) :

Item	2011 -12 (Actual)	After Expansion
Crude Steel	2.03	2.20
Saleable Steel	1.93	2.12

Progress of Expansion at Durgapur Steel Plant



Raw Materials

Year	Hot Metal (mtpa)	Iron Ore Consumption (mtpa)	Linkages of Iron Ore
2012-13	14.3	22.4	Existing Mines
Post Expansion	23.46	39	<p>The capacity of existing mines at Kiriburu, Meghataburu, Bolani, Gua & Barsua are being ramped up to meet the requirement of Iron Ore for post ongoing phase of expansion.</p> <p>Two new Pellet Plants (One of 4 mtpa capacity at Gua & another of 1 mtpa capacity at Dalli) have been planned for better utilisation of Iron Ore Fines.</p> <p>In addition to the above, iron ore shall be mined from new mines at Rowghat, Chiria and Taldih.</p> <p>MoU has been signed with Chattisgarh Mineral Development Corporation for exploring Eklama Mines under Joint Venture.</p>





Raw Materials

Mine	Existing Capacity (mtpa)	Capacity after ongoing expansion (mtpa)	Remarks
Kiriburu	4.3	5.5	Capacity of Existing mines is being ramped up to meet the requirement of the ongoing expansion plan. The entire requirement of the increased capacity shall be met through captive mines. The timeline for mines expansion is expected to be in line with Steel Plants expansion. New Pellet Plant shall use the existing reserve of fines at captive mines.
Meghataburu	4.3	6.5	
Bolani	4.1	10.0	
Gua	2.4	10.0	
New Pellet Plants	New	5.0	
Barsua, Kalta, Taldih	3.3	6.5	Environment clearance received from MOEF
Rowghat	New	12.0	All statutory clearances have been received.
Chiria	1.5	5.8	Stage-I Forest Clearance has been obtained




Raw Materials

Year	Hot Metal (mtpa)	Coking Coal Requirement (mtpa)	Linkages of Coking Coal
2012-13	14.3	13.3 (including purchased coke)	<ul style="list-style-type: none"> • Import Component – 70% • Over 90% of imported coal is sourced from Australia. • Indigenous: 30% • Domestic coal is largely sourced from Coal India Ltd. <p>SAIL has existing captive coking coal production of nearly 0.5 mtpa.</p>
Post Expansion	23.46	21.0	<ul style="list-style-type: none"> • Long term / Quarterly contracts to cover 95% of Import requirements, w.e.f. FY 11 • Approvals have been accorded for development of Tasra captive coal to produce 4 mtpa of ROM (2 mtpa washed coal) • Sitamala coal block shall also be developed for production of 0.30 mtpa of ROM (0.20 mtpa of washed coal) • New alliances / linkages / acquisitions are being explored




Major Joint Ventures – strategic initiatives

FOCUS AREA	ALLIANCE PARTNER	REMARKS
TECHNOLOGY		<ul style="list-style-type: none"> SAIL Kobe Iron India Pvt Ltd. – A Joint Venture Company has been formulated for setting up a 0.5 mtpa capacity Plant for producing iron nuggets based on ITmk3 technology.
RAW MATERIALS	  	<ul style="list-style-type: none"> International Coal Ventures Pvt. Ltd., a SPV of 5 leading PSUs incorporated (SAIL, RINL, CIL, NTPC & NMDC) for acquisition of coal assets in overseas territories. M/s SAIL & MOIL Ferro Alloys (Pvt.) Ltd. formed with MOIL for production of Ferro-alloys at Bhilai. M/s S&T Mining Company Pvt. Ltd. formed with Tata Steel for developing coking coal mines in India.

Major Joint Ventures – strategic initiatives

FOCUS AREA	ALLIANCE PARTNER	REMARKS
ENERGY	 	<ul style="list-style-type: none"> JV with NTPC & DVC for operating & managing CPPs of Durgapur, Rourkela & Bhilai.
CEMENT		<ul style="list-style-type: none"> Bhilai Jaypee Cement Ltd. -Slag based cement plant of 2.2 million tonne per annum capacity with grinding unit at Bhilai & clinkering unit at Satna. Bokaro Jaypee Cement Ltd. - Slag based cement plant of 2.1 million tonne per annum capacity at Bokaro.

Major Joint Ventures – strategic initiatives

FOCUS AREA	ALLIANCE PARTNER	OBJECTIVE
SHIPPING		<ul style="list-style-type: none"> Joint Venture Company 'SAIL SCI Shipping Pvt. Ltd.' to cater to SAIL requirements of shipping imports of coal. <ul style="list-style-type: none"> Acquisition of new capsized vessel is in process.
WAGON MANUFACTURE		<ul style="list-style-type: none"> SAIL RITES Bengal Wagon Industry Pvt. Ltd. – A Joint Venture Company has been formed with M/s. RITES for setting up Wagon Manufacturing Factory at Kulti, West Bengal.
E-PORTAL		<ul style="list-style-type: none"> JV with Tata Steel to promote e-commerce activities in steel and related areas

MoUs signed

- MoUs have been signed with following leading steel makers to collaborate in the strategic areas of mutual interest:
 - **Kobe Steel Limited**
 - **POSCO**
 - **Danieli & C**
- MOU signed with Ministry of Railways, NMDC & GoC for 235 Km long Dalli-Rajhara-Rowghat Jagdalpur Railway line to transport Iron-ore from Rowghat mines to Bhilai Steel Plant.
- MOU has been signed between SAIL and NMDC for entering into a joint venture for development of low silica limestone mine at Arki, Himachal Pradesh.
- MoU has been signed with Chhattisgarh Mineral Development Corporation (CMDC) for exploring Eklama Mines at Chattisgarh, under Joint Venture between SAIL and CMDC.

Awards and Accolades

- Maharatna SAIL has received two awards at the CII-ITC Sustainability Awards-2012 ceremony held at Vigyan Bhawan on 14th January, 2013. Hon'ble President of India Shri Pranab Mukherjee presented the awards to Chairman, SAIL Mr. C.S.Verma. SAIL has received a certificate of commendation for strong commitment to sustainable development. Besides SAIL's Bhilai Steel Plant has won certificate of commendation for significant achievement in its category.
- Bhilai Steel Plant (BSP), a unit of Steel Authority of India Limited (SAIL) has been adjudged the winner of the much coveted Prime Minister's Trophy for 'Best Integrated Steel Plant' in the country for assessment year 2011-12.
- Continuing with its glorious tradition of previous years, 88 out of total 118 awardees for the performance year 2011 were from SAIL, who were awarded by Union Minister of Labour and Employment Shri Sis Ram Ola at a glittering ceremony held at Vigyan Bhawan
- Mr. C.S.Verma, Chairman, SAIL was conferred with 'Star PSU CMD of the year award' for outstanding performance under the Maharatna category in BT-Star PSU Excellence awards-2013. The award was presented by Sh. B.S. Hooda, Chief Minister, Haryana in a ceremony held at New Delhi on 19th June, 2013.



Abbreviations used

• ASP	Alloy Steels Plant
• BF	Blast Furnace
• BOF	Basic Oxygen Furnace
• BPL	Below Poverty Line
• BSL	Bokaro Steel Limited
• BSP	Bhilai Steel Plant
• CS	Crude Steel
• CPLY	Corresponding Period Last Year
• DSP	Durgapur Steel Plant
• EBIDTA	Earnings Before Interest Depreciation ,Taxes & Ammortization.
• G.Cal/tcs	Giga Calories per tonne of Crude Steel
• GoI	Government of India
• IISI	International Iron & Steel Institute
• ISP	IISCO Steel Plant

• JPC	Joint Plant Committee
• Kg/thm	Kilo Gram Per Tonne of Hot Metal
• MEL	Maharashtra Elektrosmelt Limited
• MT	Million Tonne
• Mtpa	Million Tonne Per Annum
• PAT	Profit After Tax
• PBT	Profit Before Tax
• RDCIS	Research & Development Centre for Iron & Steel
• RINL	Rashtriya Ispat Nigam Limited
• RSP	Rourkela Steel Plant
• SSP	Salem Steel Plant
• VISL	Visvesvaraya Iron & Steel Plant
• TFS	Total finished Steel

Disclaimer

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