

# **Public Enterprises Survey**

## **2014-2015**

### **Volume – I**

**Annual Report on the performance of  
Central Public Sector Enterprises**



**Government of India**  
**Ministry of Heavy Industries and Public Enterprises**  
**Department of Public Enterprises**  
**New Delhi**





मंत्री, भारी उद्योग एवं लोक उद्यम मंत्रालय

भारत सरकार, नई दिल्ली-110011

Minister of Heavy Industries & Public Enterprises  
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New Delhi-110011

## Foreword



ANANT G. GEETE

The Public Enterprises Survey (PES) is the annual document of the Ministry of Heavy Industries & Public Enterprises, Government of India. It reviews the developments in the Central Public Sector Enterprises (CPSEs), including their subsidiaries, over the previous 12 months and summarizes their performance on major financial and economic parameter. This Survey report is presented to both the Houses of Parliament every year during the Budget Session.

2. The Public Enterprises Survey 2014-15 is the 55<sup>th</sup> in the series that commenced in 1960-61. It provides detailed statistical data about different aspects of the CPSEs in Volume-I and enterprise wise and sectorial / cognate group wise overview in Volume-II.

3. Comprehensive and reliable data are essential inputs for policy making. This Survey provides detailed information on the financial and economic performance of the CPSEs. For all the operating CPSEs, it also provides a summarized snapshot of their Balance Sheet and Profit & Loss accounts along with financial ratios and some important operational indicators. This amount of information is a gold mine for policy makers, administrators and researchers. In developing countries public policy is often not based on sound and reliable data and hence at times it has failed to deliver the desired results. This Survey meets an important need in the CPSE policy architecture and has evolved over the years as a very useful tool for the Government, Industry and Academia.

4. The global economic performance has been subdued over the previous couple of years and the developing economies are also struggling to cope with the declining commodity prices, reduced capital inflows into their economies and increasing financial volatility. The CPSEs in India are performing to the best of their abilities in this prevailing economic scenario.

5. I congratulate the Department of Public Enterprises and the team of officers and staff involved in preparing the Survey on doing an excellent job.

(ANANT G. GEETE)

February, 2016

New Delhi





राज्य मंत्री, भारी उद्योग एवं लोक उद्यम मंत्रालय

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## Preface



G. M. SIDDESHWARA

The Estimates Committee (2<sup>nd</sup> Lok Sabha), in their 73<sup>rd</sup> Report (1959-60) had recommended that in addition to the individual annual report of each enterprise laid on the Table of both the Houses of Parliament, a separate comprehensive report should be submitted to the Parliament indicating the Government's total appraisal of the working of public enterprises.

2. The first Annual Report (Public Enterprises Survey) was, accordingly, prepared by the erstwhile Bureau of Public Enterprises (now Department of Public Enterprises) in 1960-61 giving a consolidated picture of the performance of the Central Public Sector Enterprises (CPSEs). The present Public Enterprises Survey (2014-15) is the 55<sup>th</sup> in the series. The data is presented in this Survey Report based on the Schedule III of Companies Act, 2013.

3. Our CPSEs have a unique place amongst the State Owned Enterprises (SOE) of the world and have been so recognised. Many of the 235 operating CPSEs are the leading companies of India. CPSEs are, moreover, spread over the length and breadth of the country, fulfilling various macro-economic objectives and are complex organizations dealing with wide stream of new technology, market and services and employ a large workforce. The CPSEs are catogorised into 23 cognate groups.

4. The Survey incorporates audited financial and other data for the year 2014-15. Many CPSEs (49) had forwarded provisional figures in respect of their balance sheet and profit / loss accounts for the year 2013-14; they have now duly furnished their audited data for the year 2013-14. Consequently the aggregate figures presented in the Survey of 2013-14, to that extent, have been revised in this report.

5. The CPSEs have been serving the various macro-economic objectives of higher economic growth, equilibrium in balance of payments, infrastructure development and lower prices. In this respect, they are a distinct entity of corporate India. Moreover the Maharatna and Navaratna CPSEs constitute the elite companies of India in sectors like, coal, petroleum, steel, heavy engineering, power supply, telecommunications and transportation services.

6. The Department of Public Enterprises acknowledges the cooperation extended by all the Ministries / Departments (Government of India) and their respective CPSEs in providing financial and other data for the preparation of the Survey (2014-15). I also take this opportunity to place on record the efforts put in by Secretary, Department of Public Enterprises and all officers & staff of the Department in preparing this Survey.

(G. M. Siddeshwara)

February, 2016

New Delhi





भारत सरकार  
लोक उद्यम विभाग  
भारी उद्योग एवं लोक उद्यम मंत्रालय  
Government of India  
Department of Public Enterprises  
Ministry of Heavy Industries & Public Enterprises

## Introduction



Ameising Luikham, IAS  
Secretary

The Department of Public Enterprises (DPE) under the Ministry of Heavy Industries and Public Enterprises is the nodal Department in the Government of India to provide, inter-alia, an overview of the financial and physical performance of Central Public Sector Enterprises (CPSEs). The Public Enterprises (PE) Survey is a consolidated report on the performance of all CPSEs and is being prepared as per the recommendations of the Estimates Committee (2<sup>nd</sup> Lok Sabha). The Estimate Committee, in their 73<sup>rd</sup> Report (1959-60), had recommended that in addition to the individual annual report of each enterprise laid on the Table of both the Houses of Parliament, a separate comprehensive report should be submitted to the Parliament indicating Government's total appraisal of the working of Public Enterprises. Accordingly, the first "Annual Report" (Public Enterprises Survey) was prepared by the erstwhile Bureau of Public Enterprises (now Department of Public Enterprises) in 1960-61 giving a consolidated picture of the performance of the Central Public Sector Enterprises. The Public Enterprises Survey is laid in the Parliament every year.

2. Public Enterprises Survey covers besides statutory corporations, those Government Companies wherein more than 50% equity is held by the Central Government. The subsidiaries of these companies wherein any CPSE if registered in India has more than 50% equity is also categorised as CPSEs for the purpose of Survey. The Survey, does not cover departmentally run public enterprises, banking institutions, and insurance companies. The present Public Enterprises Survey (2014-15) is based on the Schedule III of Companies Act, 2013 and contains mainly the audited financial data for the three years i.e. 2012-13, 2013-14 and 2014-15. The basic data for the Public Enterprises Survey has been furnished by CPSEs on line in the detailed data sheet/questionnaire developed by the Department. The data so compiled has been furthermore analysed and presented in two separate volumes (i.e. Volume I & II).

3. While **Volume-I** contains the macro appraisal of the performance of CPSEs at the aggregate level in terms of the physical and the financial parameters, **Volume-II** contains enterprise-wise and cognate group-wise data for the three years of 2014-15, 2013-14 and 2012-13. Enterprise wise data/report consists of summarized balance sheet, summarized profit / loss account, important financial ratios and management issues and analysis of performance of each of the CPSEs.

4. There were altogether 298 CPSEs (excluding 7 Insurance Companies) falling within the scope of the Survey 2014-15 (as on 31.3.2015) as against 290 CPSEs in 2013-14 (as on 31.3.2014).

5. Seventeen (17) new public sector enterprises have been added to the list of CPSEs as per the information received from the concerned administrative Ministry/Department. They are:- Agrinnovate India Ltd, National Highways & Infrastructure Development Corporation Ltd., Bundelkhand Saur Urja Ltd., HLL Infra Tech Services Ltd., Railtel Enterprises Ltd., IRCON PB Tollway Ltd., BEL-THALES Systems Ltd., Karnataka Vijaynagar Steel Ltd., Baira Siul Sarna Transmission Ltd., Nellore Transmission Ltd., Chhattisgarh –WR Transmission Ltd., Mohender Garh-Bhiwani Transmission Ltd., POWERGRID Kala Amb Transmission Ltd., Raipur Rajanandgaon-Warora Transmission Ltd., Sipat Transmission Ltd., South Central East Delhi Power Transmission Ltd. and Power Grid Jabalpur Transmission Ltd.

6. During 2014-15, 9 enterprises were closed or merged with other CPSEs. Tyre Corporation of India Ltd. closed by the order of Kolkata High Court dated 29.11.2013; Hindustan Vegetable Oils Corporation Ltd. closed and under liquidation by the order of the Government; Triveni Structural Ltd., is under liquidation by the order of Government; Biecco Lawrie & Company Ltd. deleted from the list of CPSEs due to lower share capital of Central Government; Bharat Heavy Plate & Vessels Ltd. merged with Bharat Heavy Electricals Ltd.; DGEN Transmission Ltd. transferred to Instalaciones Inabensa, S.A. on 17.3.2015; MAMC Industries Ltd. closed due to lower share-holding of Government; Power Equity Capital Advisors closed with approval of Board of Directors of Holding Company i.e. Power Finance Corporation Ltd. on 8.8.2012, and Vemagiri Transmission Co. Ltd. closed due to withdrawal of regulatory approval vide CERC order dated 6.4.2015.

7. During the year 2014-15, Indo Cat Pvt. Ltd, Mazagaon Dock Ltd. and Export Credit Guarantee Corporation of India Ltd. have been renamed as Indian Catalyst Pvt. Ltd., Mazagaon Dock Shipbuilders Ltd. and ECGC Ltd. respectively.

8. Only one CPSE i.e. IDPL (Tamilnadu) Ltd. has not furnished the information for Public Enterprises Survey 2014-15. The Food Corporation of India neither earned profit nor incurred loss during this year.

9. The data in respect of 54 CPSEs has been considered provisional in 2014-15 as these CPSEs could not submit their audited annual accounts. A list of these CPSEs is shown at Appendix IV, at the end of this Volume.

10. The status of 305 enterprises (including 7 Insurance Companies) discussed in this Survey, is shown below:

Sl.No.	Categories	Total Enterprises (As on 31.3.2015)
1.	Operating Enterprises	235
2.	Enterprises which are yet to commence commercial operation	63
3.	Insurance Companies	7
	Total	305

11. Ministry/Department-wise, sectorial / group-wise and state-wise (as per their Registered Offices), separate lists of CPSEs are given in the Appendices I, II and III respectively at the end of this Volume.

12. I express my gratitude to all the Ministries/Departments for making available the relevant information relating to CPSEs, such as Pricing Policy, Disinvestment Policy and status of CPSEs with BIFR etc. The co-operation extended by all the CPSEs in submission of requisite data to the Department is also acknowledged.

13. The timely completion of the Survey has been the result of the efforts put in by all the officers and staff of the Department and the Public Enterprises Division of NIC (Government of India). The overall supervision in this endeavour was provided by Shri Anand Singh Bhal, Adviser, Department of Public Enterprises.

14. The Survey is available on DPE's website [www.dpe.nic.in](http://www.dpe.nic.in). Suggestions to further improve the Public Enterprises Survey are welcome, and may be sent at the email: [pesurvey@nic.in](mailto:pesurvey@nic.in).



(AMEISING LUIKHAM)

February, 2016

New Delhi



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## Chapter 1

### Performance Overview 2014-15

The Estimates Committee, in their 73rd Annual Report (1959-60), had recommended that in addition to the individual annual report of each enterprise laid on the Table of both the Houses of Parliament, a separate comprehensive report should be submitted to the Parliament indicating the Government's total appraisal of the working of Public Enterprises. Accordingly since 1960-61, Government of India has been bringing out annually a consolidated report on the performance of Central Public Sector Enterprises (CPSEs). The present Report is the 55<sup>th</sup> Report in the series.

Section 2 (45) of Companies Act, 2013 defines a Government company to mean – any company in which not less than fifty-one per cent of the paid-up share capital is held by the Central Government, or by any State Government or Governments, or partly by the Central Government and partly by one or more State Governments and includes a company which is a subsidiary company of such Government company. Public Enterprises Survey traditionally covers, besides statutory corporations, those Government companies wherein more than 50 % equity is held by the Central Government. This Report is no exception. The subsidiaries of these companies, if registered in India, wherein any CPSE has more than 50% equity are also categorized as CPSEs. The Survey, does not cover departmentally run public enterprises, banking institutions, and insurance companies.

Public sector enterprises were set up to serve the broad macro-economic objectives of higher economic growth, self-sufficiency in production of goods and services, long term equilibrium in balance of payments and low and stable prices besides meeting certain socio-economic obligations. While there were only five Central Public Sector Enterprises (CPSEs) with a total investment of ₹ 29 crore at the time of the First Five Year Plan, there were 298 CPSEs (excluding 7 Insurance Companies) with a total investment of ₹ 10, 96,057 crore as on 31<sup>st</sup> March, 2015.

A large number of CPSEs have been set up as greenfield projects consequent to the initiatives taken during the Five Year Plans. CPSEs such as National Textile Corporation, British India Corporation Ltd, Andrew Yule & Company Ltd, Coal India Ltd. (and its subsidiaries) have, however, been taken over from the private sector consequent to their 'nationalization'. Industrial companies such as Indian Petrochemicals Corporation Ltd., Modern Food Industries Ltd., Hindustan Zinc Ltd., Bharat Aluminum Company and Maruti Udyog Ltd., on the other hand, which were CPSEs earlier, ceased to be CPSEs after their 'privatization'.

Along with other public sector majors such as State Bank of India in the banking sector, Life Insurance Corporation in the insurance sector, Post & Telegraph in telecom sector and Indian Railways in transportation, the CPSEs are leading companies of India with significant market-shares in sectors such as petroleum, (e.g. ONGC, GAIL and Indian Oil Corporation), mining (e.g. Coal India Ltd. and NMDC), power generation (e.g. NTPC and NHPC), power transmission (e.g. Power Grid Corporation of India Ltd.), nuclear energy (e.g. Nuclear Power Corporation of India Ltd.), heavy engineering (e.g. BHEL), aviation (e.g. Hindustan Aeronautics Ltd. and Air India Ltd.), storage and public distribution (e.g. Food Corporation of India and Central Warehousing Corporation), shipping and trading (e.g. Shipping Corporation of India Ltd, and State Trading Corporation of India Ltd.), steel (e.g. Steel Authority of India Ltd and Rashtriya Spat Nigam Ltd) and telecommunication (e.g. BSNL and MTNL).

With economic liberalization, post-1991, sectors that were the exclusive preserve of the public sector enterprises were opened to the private sector. The CPSEs, therefore, are faced with competition from both domestic private sector companies and the large multi-national corporations (MNCs)

### 1.1 Indian Economy (2014-15) and CPSEs

The CPSEs play a significant role in the growing Indian economy. They influence the growth in the economy and are affected by the overall growth in the economy. Provisional estimate of GDP at current prices in 2014-15 was ₹ 1,25,41,208 crore as against the GDP of ₹1,13,45,056 crore (revised figure) for the year 2013-14 recording a growth rate of 10.54% during the period. The Gross Turnover of CPSEs has decreased in 2014-15 by 3.40% to ₹ 19,95,902 crore from ₹20,66,057 crore in 2013-14. The profit of profit making CPSEs decreased by 12.88% to ₹1,30,363 crore in 2014-15 from ₹1,49,636 crore in 2013-14. The loss of loss making CPSEs increased from ₹21,341 crore to ₹27,360 crore during the same period. Aggregate net profit reported by all 235 CPSEs is ₹1,03,003 crore as against ₹1,28,295 crore reported in the year 2013-14, thus showing a reduction in overall profit of 19.71% as against a growth rate of 11.58% 2013-14. During the year 2014-15 the number of profit making CPSEs have decreased to 157 from 164 CPSEs in previous year and the number of loss making CPSEs have increased from 70 to 77 during the same period. One CPSE neither earned profit nor incurred loss during 2014-15.

The major share of turnover of CPSEs comes from Petroleum (Refinery & Marketing), Coal, Crude Oil, Steel, Electricity (Power Generation), Trading and Marketing services. The turnover of CPSEs belonging to sector Tourist Services, Financial Services, Electricity (Power Transmission), Transport Services, Industrial Development & Technical Consultancies Services, Consumer Goods and Agro Based Industries showed a significant percentage increase during the year. Major contribution in net profits were made by CPSEs belonging to Coals, Petroleum (Refinery & Marketing), Crude Oil, Power Generation, Financial Services. The net losses, however, increased for CPSEs operating in Agro Based Industries, Textiles, and Chemicals & Pharmaceuticals and Consumer Goods. The sector Medium & Light Engineering and Telecommunication have reported losses in year 2014-15 as against profit reported in 2013-14. The

highlights of performance of CPSEs, at the aggregate level, during 2014-15 are given in Box 1.

A macro view of the performance of CPSEs, during the last ten years, is shown in Box 2. The turnover of all 235 operating CPSEs during 2014-15 stood at ₹ 19,95,902 crore as compared to ₹ 20,66,057 crore in the previous year. The share of earnings through export/deemed export amounted to 5.16 per cent of total turnover during the year, and the CPSEs earned foreign exchange equal to ₹ 1,03,071 crore in 2014-15 as compared to ₹ 1,45,196 crore in 2013-14. The foreign exchange outgo on imports and royalty, know-how, consultancy, interest and other expenditure, on the other hand, decreased from ₹ 6,76,870 crore in 2013-14 to ₹ 5,44,560 crore in 2014-15 showing a reduction of 19.55%.

The total employee strength in CPSEs stood at 12.91 lakh (excluding contractual workers) in 2014-15 as compared to 13.49 lakh in 2013-14. The total strength of employees in CPSEs has gone down by 57,968 persons due to superannuation, voluntary retirement etc. The salary and wages in all the CPSEs, at the same time went up during the year from ₹ 1,22,322 crore in 2013-14 to ₹ 1,27,387 crore in 2014-15 showing a growth of 4.14%. However, the per employee turnover of CPSEs has increased from ₹1.53 crore in 2013-14 to ₹ 1.55 crore in 2014-15.

Like the previous years, the Survey takes into account audited financial statements mainly. However, there are some CPSEs that could not get their accounts audited and consequently submitted provisional data. This year 54 CPSEs have given provisional financial unaudited data and 1 CPSE has not furnished any information for the year 2014-15. Therefore, data in respect of 54 CPSEs are treated as provisional and listed in Appendix IV of the Volume I of the Survey. During 2013-14 unaudited / provisional data in respect of 49 CPSEs were furnished. Bulks of those companies have now furnished updated / audited figures and that has resulted in necessary changes in the findings of 2013-14.

## **BOX – 1**

### **Highlights**

- **Total paid up capital** in 298 CPSEs as on 31.3.2015 stood at ₹2,13,020 crore compared to ₹1,98,722 crore as on 31.3. 2014 (290 CPSEs), showing a growth of 7.19%.
- **Total investment** (equity plus long term loans) in all CPSEs stood at ₹ 10,96,057 crore as on 31.3.2015 compared to ₹9,92,096 crore as on 31.3.2014, recording a growth of 10.48%.
- **Capital Employed** (Paid up capital plus reserve & surplus and long term loans) in all CPSEs stood at ₹18,67,730 crore on 31.3.2015 compared to ₹17, 39,090 crore as on 31.3.2014 showing a growth of 7.40 %.
- **Total turnover/gross revenue from operation** of all CPSEs during 2014-15 stood at ₹ 19, 95,902 crore compared to ₹20, 66,057 crore in the previous year showing a reduction in turnover of 3.40 %.
- **Total income** of all CPSEs during 2014-15 stood at ₹19, 65,254 crore compared to ₹20, 56,336 crore in 2013-14, showing a reduction in income of 4.43%.
- **Profit** of profit making CPSEs stood at ₹1, 30,363 crore during 2014-15 compared to ₹ 1,49,636 crore in 2013-14 showing a decline in profit of 12.88%.
- **Loss** of loss incurring CPSEs stood at ₹ 27, 360 crore in 2014-15 compared to ₹ 21, 341 crore in 2013-14 showing a increase in loss by 28.20 %.
- **Overall net profit** of all 235 CPSEs during 2014-15 stood at ₹ 1,03,003 crore compared to ₹ 1,28,295 crore during 2013-14 showing a decrease in overall profit of 19.71%.
- **Reserves & Surplus** of all CPSEs went up from ₹7, 46,994 crore in 2013-14 to ₹ 7, 71,672 cores in 2014-15, showing an increase by 3.30 %.
- **Net worth** of all CPSEs went up from ₹ 9,45,717 crore in 2013-14 to ₹ 9,84,692 crore in 2014-15 registering a growth of 4.12 %.
- **Contribution of CPSEs to Central Exchequer** by way of excise duty, customs duty, corporate tax, interest on Central Government loans, dividend and other duties and taxes decreased from ₹ 2,20,982 crore in 2013-14 to ₹ 2,00,585 crore in 2014-15, showing a decline of 9.23%.
- **Foreign exchange earnings** through exports of goods and services decreased from ₹ 1,45,196 crore in 2013-14 to ₹ 1,03,071 crore in 2014-15, showing a reduction of 29.01%.
- **Foreign exchange outgo** on imports and royalty, know-how, consultancy, interest and other expenditure decreased from ₹ 6,76,870 crore in 2013-14 to ₹ 5,44,560 crore in 2014-15 showing a reduction of 19.55%.
- **CPSEs employed** 12.91 lakh people (excluding contractual workers) in 2014-15 compared to 13.49 lakh in 2013-14, showing a reduction in employees by 4.30%.
- **Salary and wages** went up in all CPSEs from ₹ 1,22,322 crore in 2013-14 to ₹ 1,27,387 crore in 2014-15 showing a growth of 4.14 %.
- **Total Market Capitalization** 45 CPSEs traded on stock exchanges of India as on 31.03.2015. Based on stock prices on Mumbai Stock Exchange, as on 31.03.2015, the market capitalization of 45 CPSEs stood at ₹13,27,127 crore as against ₹11,02,730 crore stood as on 31.03.2014. Thus, there was increase in market capitalization of CPSEs by 20.35% (₹ 2,24,397 crore) as on 31.03.2015 over market capitalization as on 31.03.2014.
- **M\_Cap** of CPSEs as per cent of BSE M\_Cap decreased from 14.87% as on 31.3.2014 to 13.08% as on 31.3.2015.



## Box-2

### Macro-View of Performance of Operating CPSEs

(₹ in crore)

Particulars	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
No. of Operating Enterprises	226	217	214	213	217	220	225	230	234	235
Capital Employed	585484	661338	724009	792232	908007	1153833	1337821	1508177	1710453	1834050
Total Gross Turnover/ Revenue	837295	964890	1096308	1271529	1244805	1498018	1822049	1945814	2066057	1995902
Total Net Income/Revenue	829873	970356	1102772	1309639	1272219	1470569	1804614	1931186	2056336	1965235
Net Worth	397275	454134	518485	583144	652993	709498	776162	850921	926663	962791
Profit before dep., Impairment, Int., Exc. Items, Ex. Ord. Items, & Taxes (PBDIET)	150262	177990	195049	186836	211184	216602	250654	255936	289361	281634
Depreciation, Depletion & Amortization	34848	33141	36668	36780	41603	57118	63591	66109	69817	77530
DRE/Impairment	992	5841	5802	7661	9565	187	154	436	851	549
Profit before Interest, Exc. Items, Ex. Ord. Items & Taxes (PBIEET)	114422	139008	152579	142395	160017	159298	186910	189390	218693	203555
Interest	23708	27481	32126	39300	36060	26521	36152	38184	51638	56801
Profit before Exp. Items Ex. Or. Items & Taxes (PBEET)	90714	111527	120453	103095	123957	132777	150758	151207	167055	146754
Exceptional Items	-	-	-	-	-	-1479	3957	-13525	-14618	-2493
Profit before Ex. Or. Items & Tax. (PBET)	90714	111527	120453	103095	123957	134256	146801	164732	181673	149246
Extra-Ordinary Items	-3192	-3880	-1570	-14600	-8264	-2695	-428	-1276	-1550	-985
Profit Before Tax (PBT)	93906	115407	122023	117695	132221	136951	147230	166008	183223	150232
Tax Provisions	24370	34352	40749	33828	40018	44871	48985	51025	55178	47229
Net Profit/Loss after Tax from Continuing Operations	69536	81055	81274	83867	92203	92079	98245	114982	128045	103002
Net Profit/Loss after Tax from Discontinuing Operations	-	-	-	-	-	49	1	-1	250	0
Overall Net Profit/Loss	69536	81055	81274	83867	92203	92129	98246	114981	128295	103003
Profit of Profit-making CPSEs	76382	89581	91577	98488	108434	113944	125929	143543	149636	130363
Loss of Loss incurring CPSEs	6845	8526	10303	14621	16231	-21816	-27683	-28562	-21341	-27360
Profit –making CPSEs (No.)	160	154	160	158	157	158	161	151	164	157
Loss –incurring CPSEs (No.)	63	61	54	55	60	62	64	78	70	77
CPSEs making no Profit/Loss (No.)	1	1	-	-	-	0	0	1	0	1
Dividend	22886	26819	28123	25501	33223	35700	42627	49703	65115	56527
Dividend Tax	3215	4107	4722	4132	5151	5372	5877	6704	8709	8642



## Cognate group-wise status of CPSEs

The enterprises covered in this Survey have been classified into six categories having 23 different cognate

groups. Cognate group-wise and individual enterprises-wise analysis are given in Volume II of this Survey. The cognate groups in which the enterprises have been classified are given below in Box-3.

### Box 3

#### Cognate group-wise enterprises as on 31.03.2015

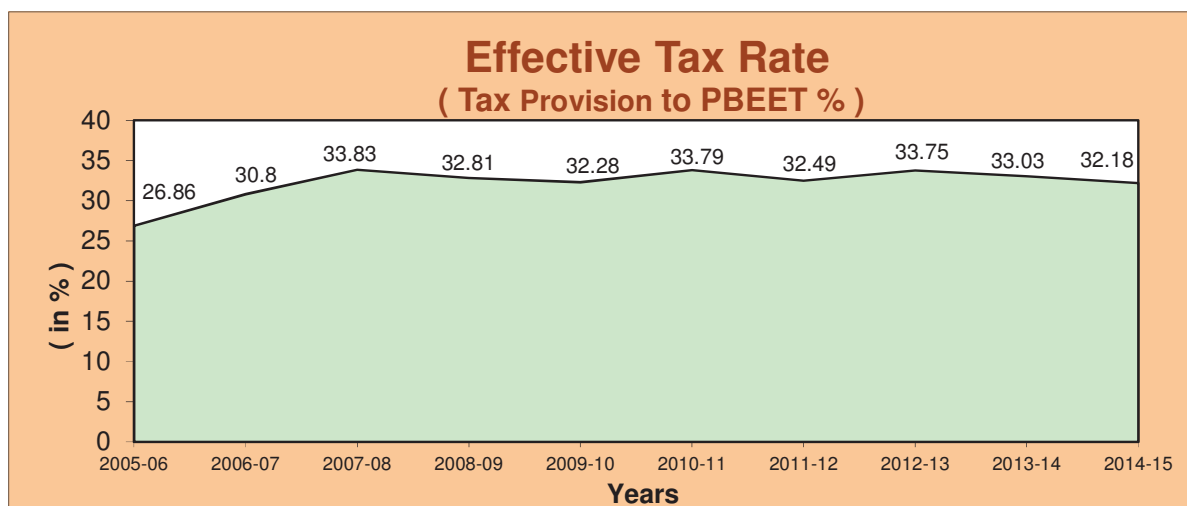
Sl. No.	Cognate Groups	No. of Enterprises as on	
		31.3.2015	31.3.2014
I	Agriculture		
1.	Agro-based Industries	5	5
II	Mining		
1.	Coal	8	8
2.	Crude Oil	5	5
3.	Other Minerals & Metals	12	12
III	Manufacturing		
1.	Steel	5	5
2.	Petroleum (Refinery & Marketing)	8	8
3.	Fertilizers	7	7
4.	Chemicals & Pharmaceuticals	13	12
5.	Heavy Engineering	8	10
6.	Medium & Light Engineering	21	22
7.	Transportation Equipment	8	8
8.	Consumer Goods	12	14
9.	Textiles	4	4
10.	Power Generation	10	10
IV	Electricity		
1.	Power Transmission	3	3
V	Services		
1.	Trading & Marketing	21	21
2.	Transport Services	14	13
3.	Contract & Construction Services	14	13
4.	Industrial Development & Tech. Consultancy Services	21	19
5.	Tourist Services	9	9
6.	Financial Services	21	21
7.	Telecommunication Services	6	5
VI	Enterprises under Construction	63	56
	Total (I+II+III+IV+V+VI)	298	290

## 1.2 Effective Tax Rate & Interest Burden

The effective tax rate is the net rate a taxpayer pays if all forms of taxes are included and divided by taxable income. The effective tax rate is often a more accurate representation of tax payer's tax liability than its marginal

tax rate. In terms of 'effective tax rate', the tax burden on CPSEs was 26.86% in 2005-06 which increased to 33.83% in 2007-08. Thereafter, the effective tax rate has been in the range of 32.28% to 33.79% till 2013-14 and this has decreased to 32.18%, in the year 2014-15, (Table 1).

Fig 1.1



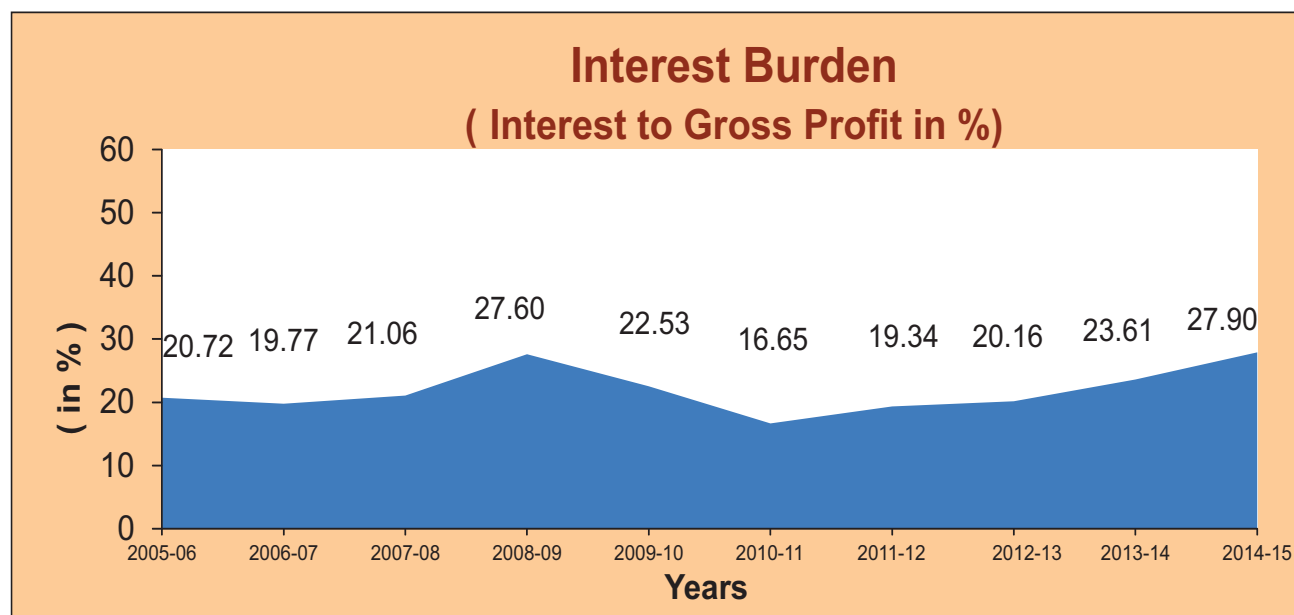
The interest burden on CPSEs measured as 'interest to gross profit' shows an increasing trend from 2005-06 to 2008-09. During the said period it has increased from 20.60% in 2005-06 to 27.60% in 2008-09. Since

then it has decreased to 16.65% in the year 2010-11. The interest burden on CPSEs thereafter, shows an increasing trend and during the year 2014-15 it was around 27.90% (Table 1).

**Table –1**  
**Tax provision and interest burden of CPSEs**

Sl. No.	Years	Tax Provision to Profit Before Exp. Items & Extra Ordin. Items (%)	Interest Burden (Interest to Gross Profit in %)
1.	2005-06	26.86	20.72
2.	2006-07	30.80	19.77
3.	2007-08	33.83	21.06
4.	2008-09	32.81	27.60
5.	2009-10	32.28	22.53
6.	2010-11	33.79	16.65
7.	2011-12	32.49	19.34
8.	2012-13	33.75	20.16
9.	2013-14	33.03	23.61
10.	2014-15	32.18	27.90

Fig 1.2



### 1.3 Aggregate Balance Sheet (2012-13 to 2014-15)

Table 1.1 below provides information on ‘Sources of Funds and Liabilities & Assets’ (capital available and the utilization) with CPSEs at the aggregate level during the last three years based on the Schedule prescribed under Companies Act, 2013. The share-holders funds available with CPSEs increased from ₹9,45,717 crore in 2013-14 to ₹9,84,692 crore in 2014-15. While ‘reserves and surplus’ showed an increase of 3.30 per cent, over the previous year, ‘long term borrowings’ increased by 11.30 per cent during 2014-15 over 2013-14. In absolute terms, ‘reserves and surplus’ increased to ₹7,71,672 crore in 2014-15 from the earlier level of ₹ 7,46,994 crore in 2013-14 and long term borrowing has increased to ₹8,83,037.55 crore in 2014-15 from ₹7,93,373.23 crore in year 2013-14 (Table 1.1).

In terms of Assets (application of funds) there was a growth of 9.91 per cent in ‘non-current assets’ and 2.69 per cent in current assets during 2014-15 over 2013-14. While there was a growth of 10.05 per cent in ‘gross block’ (under ‘non-current assets’), there was reduction of 0.58 per cent in ‘current investment’ (under current assets) in 2014-15 over 2013-14. In terms of respective shares under ‘non-current assets’, while share of net block accounts for 26.27 per cent, the share of long term loans and advances stood at 20.58 per cent. In the category of ‘current assets’ similarly, while ‘trade receivable’ claimed a share of 7.60 per cent, the share of ‘cash and bank balances’ stood at 8.51 per cent during 2014-15.

**Table 1.1**  
**Aggregate Balance Sheet of CPSE**

(₹in crore)

Particulars	2014-15	2013-14	2012-13
<b>I Equities and liabilities</b>			
(1.1) Share-holders Fund (a+b+c+d)	984692.24	945716.51	866366.08
a. Paid-up Capital	204945.79	194997.02	179396.1
b. Money Received against Share Warrants	0	0	0
c. Reserves & Surplus	771672.33	746994.07	684476.86
d. Share Application Money	8074.12	3725.42	2493.12
Total Share-holders Fund			
(1.2) Non-Current Liabilities(e+f+g+h)	1126289.34	1016044.25	878837.64
e. Long Term Borrowings	883037.55	793373.23	663445.05
f. Deferred Tax Liability (Net)	56389.86	52671.75	45548.44
g. Other Long Term Liabilities	79337.41	72447.27	69853.81
h. Long Term Provisions	107524.52	97552	99990.34
(1.3) Total Current Liabilities (i+j+k+l)	893942.43	894389.19	849803.56
I .Short Term Borrowings	218803.97	259822.38	254253.31
j. Trade Payables	185642.75	189019.67	168148.99
k. Other Current Liabilities	406061.17	368260.58	347866.42
l. Short Term Provisions	83434.54	77286.56	79534.84
Grand Total (1.1+1.2+1.3)	3004924.01	2856149.95	2595007.28
<b>II Assets</b>			
(2.1) Non-Current Assets (a+b+c+d+e+f+g+h)	1967472.58	1790009.66	1566632.44
a. Gross Block	1536911.96	1396576.54	1262360.36
b. Depreciation & Amortization and Impairment	747421.05	677801.26	614856.96
c. Net Block	789490.91	718775.28	647503.4
d. Capital Work-In-Progress (including Intangible Assets under development)	369884.35	359954.26	293214.93
e. Non- Current Investments	112730.24	105798.72	83116.86
f. Deferred Tax Assets	14149.88	11955.19	11065.41
g. Long Term Loans & Advances	618403.17	536426.6	476627.79
h. Other Non-Current Assets.	62814.03	57099.61	55104.05
(2.2) Current Assets (i+j+k+l)	1037451.43	1066140.29	1028374.84
I Current Investments	26458.69	26305.99	28878.6
j. Trade Receivables	228238.65	211051.4	198330.36
k. Cash & Bank Balances	255839.02	263501.86	266680.4
l. Other Current Assets	526915.07	565281.04	534485.48
Grand Total (2.1 + 2.2)	3004924.01	2856149.95	2595007.28

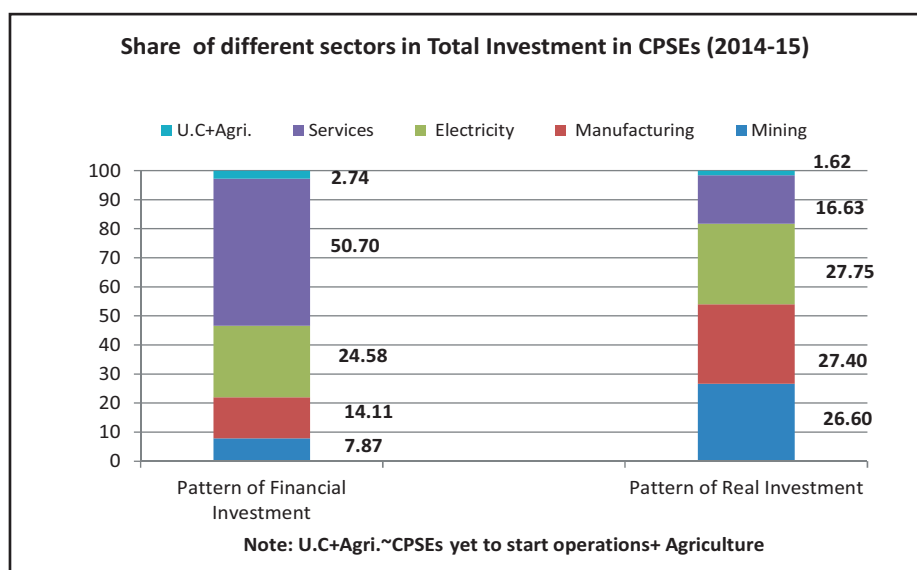
#### 1.4 Investment Pattern in terms of Gross Block

The investment pattern (financial investment and real investment) in different sectors by CPSEs is given in Fig. 1.3. The major portion of financial investment is in Services Sector (50.70%) whereas real investment is in Electricity Section (27.75%).

The overall growth in investment in CPSEs in terms of 'gross block' (inclusive of capital work- in-progress), stood at 8.55 per cent in 2014-15 over the previous year

(Table 1.2). In terms of gross block, the 'electricity' CPSEs had the highest share in aggregate investment (of all CPSEs) at 27.75 per cent .This was followed by 'manufacturing' (27.40%), 'mining' (26.60%) and 'services' (16.63%). In terms of growth in investment over the previous year, the highest growth (other than CPSEs under construction and agriculture) was recorded by 'electricity' (13.01%) followed by 'mining' (7.91%) and 'manufacturing sector' (7.83%).

Fig. 1.3



**Table 1.2**  
**Pattern of investment in terms of Gross Block**  
**(2013-14 and 2014-15)**

(₹in crore)

Sl No.	Sector	Investment in terms of Gross Block as on		Growth rate over the previous year	Gross Block as % of total as on 31.3.2015
		31.3.2015	31.3.2014		
1.	Agriculture	1004.91	871.02	15.37	0.05
2.	Electricity	529103.46	468197.18	13.01	27.75
3.	Manufacturing	522551.94	484618.47	7.83	27.40
4.	Mining	507165.71	469992.59	7.91	26.60
5.	Services	317078.14	308123.09	2.91	16.63
6.	Under Construction	29892.15	24728.45	20.88	1.57
	Total	1906796.31	1756530.80	8.55	100.00

Note: This is inclusive of capital- work-in-progress (including intangible assets).

### 1.4.1 Top Ten Enterprises in terms of Gross Block

Gross block in top ten CPSEs amounted to ₹ 13,42,878.35 crore as on 31.3.2015. This was equal to 70.43 per cent of the total gross block in all CPSEs. Oil

& Natural Gas Corporation Limited, NTPC and Bharat Sanchar Nigam Ltd. are the top three CPSEs amongst the top ten (CPSEs) in terms of gross block during the year 2014-15 (Table 1.3). The share of these three CPSEs alone was 33.95 % of the total gross block of all the CPSEs as on 31.3.2015.

**Table 1.3**  
**Gross Block in top 10 Enterprises as on 31.3.2015**

(₹in crore)

Sl. No.	CPSE Name	Investment in terms of Gross Block	Share in Total Gross Block (%)
1	Oil & Natural Gas Corporation Ltd.	290042.10	21.60
2	NTPC Ltd.	184971.08	13.77
3	Bharat Sanchar Nigam Ltd.	172366.88	12.84
4	Power Grid Corporation of India Ltd.	171188.41	12.75
5	Indian Oil Corporation Ltd.	157966.95	11.76
6	ONGC Videsh Ltd.	115928.85	8.63
7	Steel Authority of India Ltd.	94401.19	7.03
8	Nuclear Power Corp. of India Ltd.	54888.24	4.09
9	Hindustan Petroleum Corporation Ltd.	51649.34	3.85
10	Bharat Petroleum Corp. Ltd.	49475.31	3.68
<b>Total :</b>		<b>1342878.35</b>	<b>70.43</b>
<b>Grand Total :</b>		<b>1906796.31</b>	<b>100</b>

Note: Gross Block inclusive of Capital work-in-progress and intangible assets under development.

### 1.4.2 Financial Investment in CPSEs

Financial investment (equity plus long term loans) in all the 298 CPSEs as on 31.3.2015 stood at ₹ 10,96,057.46 crore as compared to ₹ 9,92,095.67 crore in the previous year, showing an increase by ₹ 1,03,961.79 crore or a growth of 10.48 per cent.

Table 1.4 below shows the sector-wise and cognate group-wise cumulative investment in CPSEs as on 31.3.2013, 31.3.2014 and 31.3.2015. In terms of share

in total investment, the CPSEs in the 'service' sector had the highest share in financial investment (50.70%) as on 31.3.2015. This was followed by 'electricity' sector (24.58%), 'manufacturing' sector (14.11%) and 'mining' sector (7.87%).

**Table 1.4**  
**Group-wise Investment of CPSEs during the last 3 years**

(₹in crore)

Sl. No.	Sector / Cognate Group	Financial Investment During		
		2014-15	2013-14	2012-13
	<b>Agriculture</b>			
1	Agro Based Industries	1301.51	1180.96	1135.48
	<b>Sub Total :</b>	<b>1301.51</b>	<b>1180.96</b>	<b>1135.48</b>
	<b>Mining</b>			
2	Coal	17374.88	15843.11	17663.84
3	Crude Oil	64177.90	41928.62	26999.37
4	Other Minerals & Metals	4797.35	4617.60	4589.99
	<b>Sub Total :</b>	<b>86250.13</b>	<b>62389.33</b>	<b>49253.20</b>
	<b>Manufacturing</b>			
5	Steel	23616.19	24913.69	25410.40
6	Petroleum (Refinery & Marketing)	84333.20	87752.79	58784.24
7	Fertilizers	15566.01	16073.84	16131.55
8	Chemicals & Pharmaceuticals	6910.97	6294.17	8334.71
9	Heavy Engineering	1617.24	2639.68	2655.20
10	Medium & Light Engineering	12585.38	11095.96	9983.27
11	Transportation Equipment	238242	2445.53	1970.14
12	Consumer Goods	3828.23	3682.24	7021.98
13	Textiles	3817.16	3781.47	3794.89
	<b>Sub Total :</b>	<b>154656.80</b>	<b>158679.37</b>	<b>134086.38</b>
	<b>Electricity</b>			
14	Power Generation	174848.74	154012.60	144564.11
15	Power Transmission	94607.56	82021.94	67706.13
	<b>Sub Total :</b>	<b>269456.30</b>	<b>236034.54</b>	<b>212270.24</b>
	<b>Services</b>			
16	Trading & Marketing	16543.00	19419.76	12247.59
17	Transport Services	70829.07	66349.97	61618.82
18	Contract & Construction Services	11105.46	10606.69	17030.67
19	Industrial Development & Tech. Consultancy Services	1431.22	1193.16	1070.76
20	Tourist Services	326.28	387.51	186.52
21	Financial Services	431714.28	389669.81	316488.96
22	Telecommunication Services	23704.84	22343.82	22094.35
	<b>Sub Total :</b>	<b>555654.15</b>	<b>509970.72</b>	<b>430737.67</b>
	<b>Under Construction</b>			
23	Enterprises Under Construction	28738.57	23840.75	17851.30
	<b>Sub Total :</b>	<b>28738.57</b>	<b>23840.75</b>	<b>17851.30</b>
	<b>Grand Total :</b>	<b>1096057.46</b>	<b>992095.67</b>	<b>845334.27</b>

## 1.5 Turnover of CPSEs

The Gross revenue / turnover of operating CPSEs has declined from ₹ 20,66,057 crore in 2013-14 to ₹ 19,95,902 crore in 2014-15 showing a decrease of 3.40%. Turnover had increased by 6.18% in 2013-14 from the year 2012-13. Thus, CPSEs performance on this

account is somewhat gone down this year due to lower orders in hand, low capacity utilization of the plants, lower prices of commodities, and low foreign exchange earnings by the enterprises. There were considerable variations within the cognate groups as well as among them as is evident from Table 1.5.

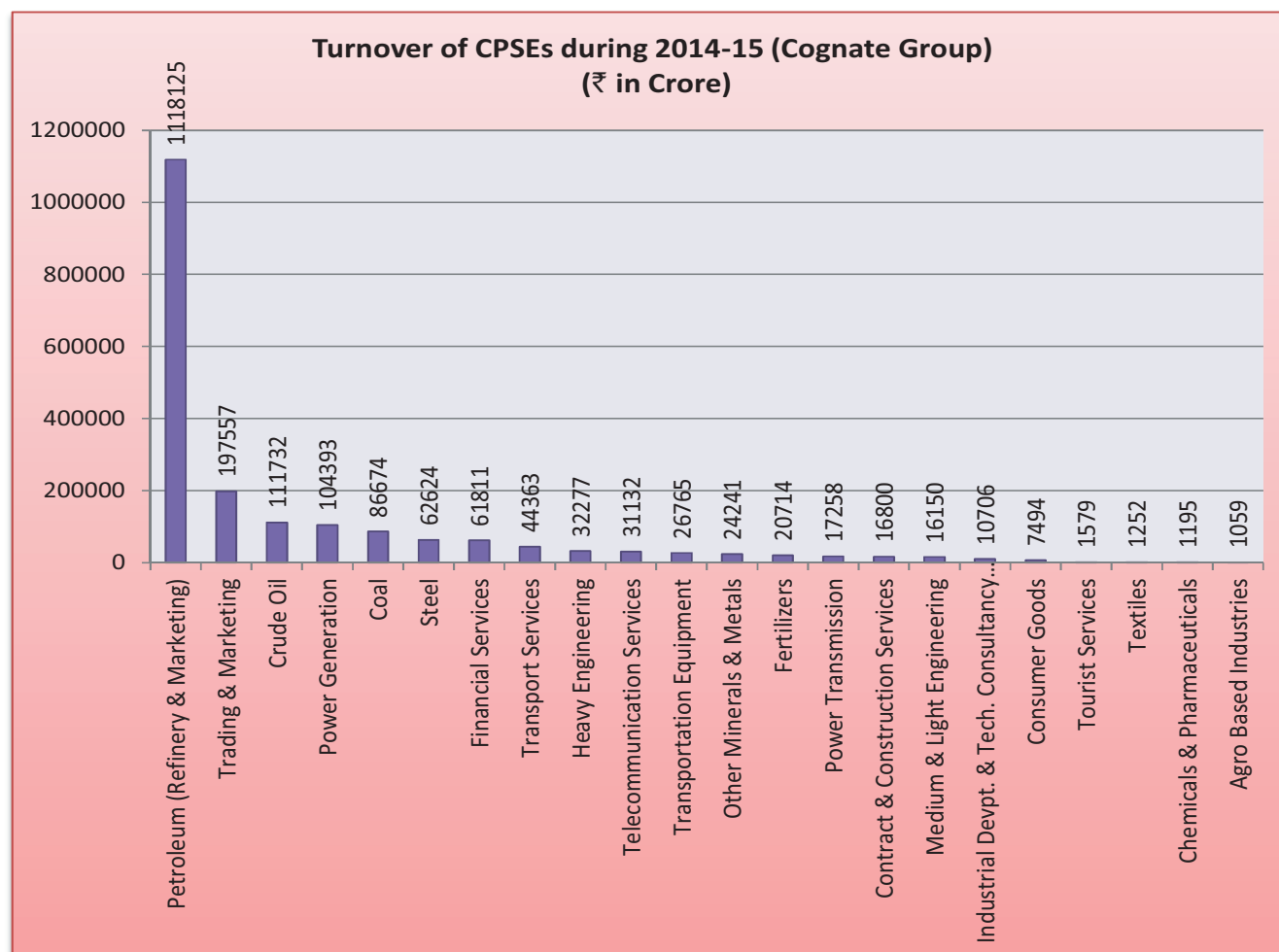
**Table 1.5**  
**Group-wise Turnover of CPSEs during 2012-13, 2013-14 and 2014-15**

(₹in crore)

S. No.	Sector / Coagnate Group	Turnover		
		2014-15	2013-14	2012-13
	<b>Agriculture</b>			
1	Agro Based Industries	1058.60	865.59	1254.88
	<b>Sub Total :</b>	<b>1058.60</b>	<b>865.59</b>	<b>1254.88</b>
	<b>Mining</b>			
2	Coal	86674.38	80365.93	78264.83
3	Crude Oil	111732.35	115575.34	110821.57
4	Other Minerals & Metals	24240.72	24734.61	23161.49
	<b>Sub Total :</b>	<b>222647.45</b>	<b>220675.88</b>	<b>212247.89</b>
	<b>Manufacturing</b>			
5	Steel	62624.23	66726.51	64404.64
6	Petroleum (Refinery & Marketing)	1118125.26	119 8990.01	1110560.49
7	Fertilizers	20714.30	20050.72	19069.76
8	Chemicals & Pharmaceuticals	1194.62	1260 .78	1646.68
9	Heavy Engineering	32276.65	42439.29	52525.33
10	Medium & Light Engineering	16149.58	14976.52	14496.11
11	Transportation Equipment	26765.23	25354.00	23747.48
12	Consumer Goods	7493.60	6568.29	6098.12
13	Textiles	1252.29	1162.77	1077.49
	<b>Sub Total :</b>	<b>1286595.79</b>	<b>1377528.89</b>	<b>1293626.10</b>
	<b>Electricity</b>			
14	Power Generation	104392.99	100042.17	91026.21
15	Power Transmission	17257.84	15289.13	12774.19
	<b>Sub Total :</b>	<b>121650.83</b>	<b>115331.30</b>	<b>103800.40</b>
	<b>Services</b>			
16	Trading & Marketing	197557.25	200559.97	200989.00
17	Transport Services	44363.12	39908.83	34705.64
18	Contract & Construction Services	16800.38	16509.35	15093.46
19	Industrial Development & Tech. Consultancy Services	10705.60	9711.22	9106.19
20	Tourist Services	1579.23	1435.13	1155.57
21	Financial Services	61811.28	53535.54	44389.51
22	Telecommunication Services	31132.34	29995.20	29445.74
	<b>Sub Total :</b>	<b>363949.20</b>	<b>351655.24</b>	<b>334885.11</b>
	<b>Grand Total :</b>	<b>1995901.87</b>	<b>2066056.9</b>	<b>1945814.38</b>



Fig. 1.4



### 1.5.1 Sector-wise Turnover in CPSEs

The major portion of turnover of CPSEs is coming from Petroleum (Refinery & Marketing), Trading & Marketing Services, Crude Oil, Electricity (Power Generation), and Coal. However, there were considerable variations within the cognate groups as well as among them.

The Electricity sector recorded the highest growth in turnover (5.48%) during 2014-15 over the previous year growth 11.11%. However, within this group transmission sector grew by 12.88 per cent and outpaced the growth of power generation sector which grew at 4.35 per cent in terms of turnover. Transport Services (11.16%) Tourist Services (10.04%) Financial Services (15.46%) recorded highest growth in turnover. This was followed

by electricity which registered 5.48% growth in turnover as compared to last year growth rate of 11.11%. The 'services' sector registered a growth in revenue (3.50%) from the operations during 2014-15 as compared to a growth (5.01%) in 2013-14 (Table 1.5). CPSEs in group of Coal, Financial Services, Medium & Light Engineering and Transportation equipment have recorded growth 7.85%, 15.46, 7.83% and 5.57% respectively recorded. Turnover of CPSEs in cognate group of Crude Oil (-3.33%), Chemical and Pharmaceuticals (-5.25%) and Heavy Engineering (23.95%) Trading & Marketing (-1.50%) slumped drastically.

**Table 1.6**  
**Sector wise Growth in Gross Revenue/Turnover (2014-15 & 2013-14)**

(In % age)

Sector	2014-15	2013-14
Agriculture	22.30	-31.02
Mining	0.89	3.97
Manufacturing	-6.60	6.49
Electricity	5.48	11.11
Services	3.50	5.01
All CPSEs	-3.40	6.18

There was, moreover, much variation in growth from industry to industry. There was significant decline in revenue in CPSEs belonging to enterprises like crude oil, other minerals & metals, steel, petroleum (Refinery & Marketing), heavy engineering, and trading & marketing.

#### 1.6 Aggregate Profit and Loss Account of CPSEs:

Aggregate net profit reported by all 235 operating CPSEs is ₹1,03,003 crore in 2014-15 as against ₹1,28,295

crore reported in the year 2013-14, showing a reduction of 19.71% in 2014-15 as against growth rate of 11.58% in 2013-14. A statement showing profit/ loss reported by each of the CPSEs during the last three financial years, including accumulated losses if any, of this Volume. It is pertinent to clarify here that profit and loss reported by operating CPSEs is in accounting terms and includes exceptional and other income including from central government. The aggregate profit / loss of all operating enterprises are given in below Table – 1.7.

**Table-1.7**  
**Aggregate Profit And Loss (-) Account of CPSEs**

(₹in crore)

Profit & Loss Account			
Particulars	2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)
<b>(I) Revenue from Operations (Gross)</b>	1995901.87	2066056.90	1945814.38
Less : Excise Duty	92252.95	77002.48	73795.91
<b>Revenue from Operations (Net)</b>	1903648.92	1989054.42	1872018.47
(II) Other Income	61604.77	67282.00	59167.16
<b>(III) Total Revenue (I+II)</b>	1965253.69	2056336.42	1931185.63
<b>(IV) Expenditure on:</b>			
(a) Cost of materials consumed	581421.68	632934.95	610074.35
(b) Purchase of stock-in-trade	625288.10	682874.64	654983.00
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	7435.51	3365.55	-12818.27
(d) Stores & Spares	14408.04	11965.14	9417.17
(e) Power & Fuel	92303.52	89614.14	70882.27
(f) Salary, Wages & Benefits/Employees Expense	127386.92	122321.92	116362.63

(g) Other Operating/direct/manufacturing Expenses	154120.00	134545.91	131924.71
(h) Rent, Royalty & Cess	37090.14	36299.06	33633.79
(i) Loss on sale of Assets/Investments	172.02	225.36	239.05
(j) Other Expenses	41690.84	51014.21	59306.58
<b>Total Expenditure (IV (a to j))</b>	<b>1683606.50</b>	<b>1766975.70</b>	<b>1675249.54</b>
<b>(V) Profit Before Depreciation, &amp; Impairment, Finance Charges/Interest, Exceptional &amp; Extraordinary Items &amp; Taxes (PBDIEET)(iii-iv)</b>	<b>281647.19</b>	<b>289360.72</b>	<b>255936.09</b>
(VI) Depreciation, Depletion & Amortisation	77529.79	69817.23	66109.15
(VII) Impairment	549.05	850.69	436.47
<b>(VIII) Profit Before Finance Cost/Interest, Exceptional, Extra-Ordinary Items &amp; Taxes (PBIEET)(V-VI-VII)</b>	<b>203568.35</b>	<b>218692.80</b>	<b>189390.47</b>
<b>(IX) Finance Cost</b>		.	
(a) On Central Government Loans	2134.22	2217.67	2285.48
(b) On Foreign Loans	6114.80	6893.61	4742.88
(c) Others	57838.21	51382.13	38542.19
(d) Less Finance Cost Capitalised	9310.22	8855.95	7386.71
(e) Charged to P & L Account (a+b+c-d)	56808.97	51638.25	38183.84
<b>(X) Profit Before Exceptional &amp; Extra-Ordinary Items &amp; Tax (PBEET)(VIII-IXe)</b>	<b>146759.38</b>	<b>167054.55</b>	<b>151206.63</b>
(XI) Exceptional Items	-2492.74	-14618.25	-13524.97
<b>(XII) Profit Before Extra-Ordinary Items &amp; Tax (PBET)(X-XI)</b>	<b>149252.12</b>	<b>181672.80</b>	<b>164731.60</b>
(XIII) Extra-Ordinary Items	-985.46	-1550.46	-1275.98
<b>(XIV) Profit Before Tax (PBT)(XII-XIII)</b>	<b>150237.58</b>	<b>183223.26</b>	<b>166007.58</b>
(XV) TAX PROVISIONS	47235.35	55178.02	51025.33
<b>(XVI) Net Profit / Loss For The Period From Continuing Operations After Tax(XIV-XV)</b>	<b>103002.23</b>	<b>128045.24</b>	<b>114982.25</b>
(XVII) Profit/Loss from discontinuing operations	62.00	261.64	-1.22
(XVIII) Tax expenses of discontinuing operations	17.00	11.71	-0.40
(XIX) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	45.00	249.93	-0.82
<b>(XX) Profit/Loss for the period (XVI+XIX)</b>	<b>103002.68</b>	<b>128295.17</b>	<b>114981.43</b>

### 1.6.1 Cognate group-wise Profit and Loss of CPSEs

Amongst the sectors the best results were achieved by the 'Mining' sector as its share of total profits is 55.46% in 2014-15, although there was a decline of ₹ 10,076.35 crore in 2014-15 as against an increase of ₹4,763.50 crore in 2013-14 from the previous year 2012-13. The share of total profits was followed by "Electricity" sector 24.01 per cent, manufacturing sector 17.66 per cent and "Service" sector 2.98 per cent. The 'Agriculture' sector

continued to report losses in the third consecutive year, the volume of losses also increased from ₹(-) 106.33 crore in 2013-14 to ₹(-) 109.45 crore in 2014-15.

Under the 'manufacturing sector', losses suffered by enterprises belonging to Chemicals & Pharmaceuticals, Consumer goods and Textiles and Medium & Light Engineering. Steel, Petroleum (Refinery & Marketing), Heavy Engineering, Transportation Equipment showed a decline in profits while enterprises belonging to Fertilizers showed an increase in profits in 2014-15.

CPSEs belonging to chemicals & pharmaceuticals sector, Consumer Goods and Textiles registered higher losses during 2014-15. The net profit of profit making CPSEs has gone down to ₹ 1,30,363 crore in 2014-15 from ₹ 1,49,636 crore in 2013-14 and showed a decline of profit of 12.88 per cent. The loss of loss making CPSEs, on the other hand, was ₹ 27,360 crore in 2014-15 compared to

₹ 21,341 crore in 2013-14. 77 CPSEs reported losses in 2014-15 as against 70 CPSEs in 2013-14. 157 enterprises earned profit in 2014-15 as against 164 enterprises in 2013-14. One enterprise namely Food Corporation of India neither earned profit nor incurring loss during the year 2014-15. The sector and cognate group-wise profit/loss is given Table 1.8 below;

**Table 1.8**  
**Group-wise Net Profit Loss (-) of CPSEs for the last 3 years**

(₹ in crore)

S. No.	Sector / Cognate Group	Net Profit / Loss (-)		
		2014-15	2013-14	2012-13
	<b>Agriculture</b>			
1	Agro Based Industries	-109.45	-106.33	-99.15
	<b>Sub Total :</b>	<b>-109.45</b>	<b>-106.33</b>	<b>-99.15</b>
	<b>Mining</b>			
2	Coal	26717.88	29895.08	26352.17
3	Crude Oil	22115.16	29332.45	28060.28
4	Other Minerals & Metals	8291.27	7973.13	8024.71
	<b>Sub Total :</b>	<b>57124.31</b>	<b>67200.66</b>	<b>62437.16</b>
	<b>Manufacturing</b>			
5	Steel	2298.52	3089.23	2617.84
6	Petroleum (Refinery & Marketing)	15113.90	17868.87	10222.43
7	Fertilizers	270.05	-543.46	10145.56
8	Chemicals & Pharmaceuticals	-496.03	-495.96	-438.54
9	Heavy Engineering	1060.74	3686.13	6542.84
10	Medium & Light Engineering	-160.55	51.53	-279.45
11	Transportation Equipment	3042.80	3404.17	3567.06
12	Consumer Goods	-2524.84	-1406.44	-1370.73
13	Textiles	-417.53	-277.52	-22.31
	<b>Sub Total :</b>	<b>18187.06</b>	<b>25376.55</b>	<b>30984.70</b>
	<b>Electricity</b>			
14	Power Generation	19700.67	18792.17	20927.91
15	Power Transmission	5027.97	4541.04	4212.84
	<b>Sub Total :</b>	<b>24728.64</b>	<b>23333.21</b>	<b>25140.75</b>
	<b>Services</b>			
16	Trading & Marketing	285.49	311.11	408.44
17	Transport Services	-2775.65	-4243.97	-4241.31
18	Contract & Construction Services	1255.86	1465.21	991.10
19	Industrial Development & Tech.Consultancy Services	1043.61	1149.33	1312.89
20	Tourist Services	111.29	40.53	24.82
21	Financial Services	14167.64	12823.96	11116.20
22	Telecommunication Services	-11016.12	944.91	-13094.17
	<b>Sub Total :</b>	<b>3072.12</b>	<b>12491.08</b>	<b>-3482.03</b>
	<b>Grand Total :</b>	<b>103002.68</b>	<b>128295.17</b>	<b>114981.43</b>

### 1.6.2 Top ten profit making CPSEs

Table 1.9 and Table 1.10 provide the list of the top ten profit making and top ten loss making CPSEs respectively. Oil & Natural Gas Corporation Ltd., Coal India Ltd., and NTPC Ltd., were ranked first, second and third respectively amongst the top ten profit making CPSEs contributing 22.72%, 17.15% and 13.19%

respectively to the total profit earned by profit making CPSEs during the year 2014-15. Bharat Petroleum Corporation Ltd. has entered in the top ten profit making CPSEs, on the other hand ONGC Videsh Ltd. has gone out from the list of top ten profit making CPSEs. The top ten profit making companies claimed 59.87 % of the total profit made by all the (157) CPSEs during the year.

**Table 1.9**  
**Top 10 Profit Making CPSEs as on 31.3.2015**

(₹in crore)

Sl. No.	CPSE Name	Net Profit 2014-15	%age Share
1	Oil & Natural Gas Corporation Ltd.	17732.95	22.72
2	Coal India Ltd.	13383.39	17.15
3	NTPC Ltd.	10290.86	13.19
4	NMDC Ltd.	6421.86	8.23
5	Power Finance Corporation Ltd.	5959.33	7.64
6	Indian Oil Corporation Ltd.	5273.03	6.76
7	Rural Electrification Corpn. Ltd.	5259.87	6.74
8	Bharat Petroleum Corporation Ltd.	5084.51	6.81
9	Power Grid Corporation of India Ltd.	4979.17	6.38
10	South Eastern Coalfields Ltd.	3659.93	4.69
<b>Total (1 to10)</b>		<b>78044.90</b>	<b>59.87</b>
<b>Net Profit of Profit making CPSEs</b>		<b>130362.50</b>	<b>100.00</b>

### 1.6.3 Top ten loss making CPSEs

Table 1.10 provides the list of top ten loss making CPSEs. Amongst the top ten loss making companies, Bharat Sanchar Nigam Ltd., Air India Ltd., and Mahanagar Telephone Nigam Ltd. were the top three loss making CPSEs during 2014-15. The top ten loss making companies claimed 85.45% of the total losses made by all the (77) CPSEs during the year. The top three

loss making CPSEs namely, BSNL, Air India Ltd. and Mahanagar Telephone Nigam Ltd incurred a loss equal to 62.09% of the total loss of all loss making CPSEs in 2014-15. The State Trading Corporation of India Ltd. and Shipping Corporation of India Ltd have gone to the profit zone from loss making sector due increase in income and Chennai Petroleum Corporation Ltd and ITI Ltd., reduced their losses by 87.17% and 8.18% respectively in 2014-15 over the previous year.

**Table 1.10**  
**10 Major Loss Making CPSEs as on 31.3.2015**

(₹in crore)

Sl. No.	CPSE Name	Net Loss	%age
		2014-15	Share
1	Bharat Sanchar Nigam Ltd.	-8234.09	35.22
2	Air India Ltd.	-5859.91	25.06
3	Mahanagar Telephone Nigam Ltd.	-2893.39	12.38
4	Hindustan Photo Films & Mfg. Company Ltd.	-2164.36	9.26
5	Mangalore Refinery & Petrochemicals Ltd.	-1712.23	7.32
6	Hindustan Cables Ltd.	-932.99	3.99
7	STCL Ltd.	-412.59	1.76
8	Fertilizers & Chemicals (Travancore) Ltd.	-399.91	1.71
9	Air India Engineering Services Ltd.	-389.50	1.67
10	Hindustan Fertilizers Corporation Ltd.	-380.75	1.63
<b>Total (1 to 10)</b>		<b>-23379.72</b>	<b>85.45</b>
<b>Net loss of loss making CPSEs:</b>		<b>-27359.82</b>	<b>100.00</b>

#### 1.6.4 CPSEs and Profitability Ratios:

Box-4 below shows the different financial ratios relating to the aggregate performance of CPSEs, for the last ten years. The financial ratios in Box-4 present a secular decline and points to the need of introspection at the

Board level and in the administrative ministries. A perusal of profit related ratios shows decline in profitability of CPSEs during the year 2014-15 over the year 2013-14. The dividend payout and interest to gross profit have increased in 2014-15 from the previous year 2013-14.

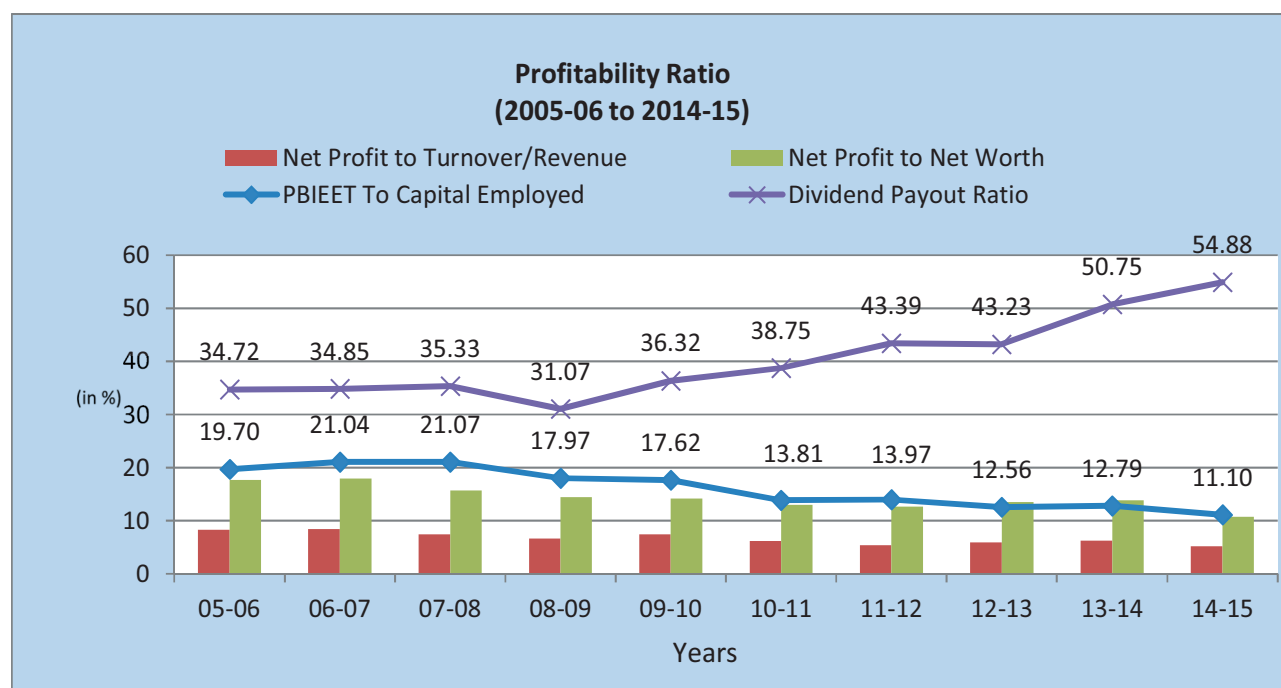
**Box 4**  
**Profitability Ratios of CPSEs**

(in per cent)

Particulars	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Sales to Capital employed	144.08	146.06	151.42	160.50	137.09	129.83	136.20	129.02	120.79	108.82
PBDIEET to Capital employed	25.87	26.94	26.94	23.58	23.26	18.77	18.74	16.97	16.92	15.36
PBET to Net worth	16.89	17.05	15.37	11.88	12.85	18.92	18.91	19.36	19.61	15.50
PBDIEET to Turnover/Revenue	17.95	18.45	17.79	14.69	16.97	14.46	13.76	13.15	14.01	14.11
PBIEET to Capital employed	19.70	21.04	21.07	17.97	17.62	13.81	13.97	12.56	12.79	11.10
PBIEET to Turnover/Revenue	13.67	14.41	13.92	11.20	12.85	10.63	10.26	9.73	10.59	10.20
PBEET to Turnover/Revenue	10.84	11.56	10.99	8.11	9.96	8.86	8.27	7.77	8.09	7.35
Net Profit to Turnover/Revenue	8.31	8.40	7.41	6.60	7.41	6.15	5.39	5.91	6.21	5.16
Net Profit to Capital Employed	11.97	12.27	11.23	10.59	10.15	7.98	7.34	7.62	7.50	5.62
Net Profit to Net Worth	17.70	17.91	15.68	14.38	14.12	12.99	12.66	13.51	13.84	10.70
Dividend payout Ratio	34.72	34.85	35.33	31.07	36.32	38.75	43.39	43.23	50.75	54.88
Tax Provision to PBEET	26.86	30.80	33.83	32.81	32.28	33.79	32.49	33.75	33.03	32.18
Interest to Gross Profit	20.72	19.77	21.06	27.60	22.53	16.65	19.34	20.16	23.61	27.90



Fig. 1.5



### 1.7 Net Value Addition by CPSEs

GDP at current prices increased from ₹1,13,45,056 crore in 2013-14 to ₹ 1,25,41,208 crore in 2014-15 thus recording a growth of 10.54%. The net value addition by CPSEs increased from ₹ 6,24,227 crore in 2013-14 to ₹6,30,001 crore in 2014-15 recording a marginal growth rate of 0.92% in nominal terms (Table 1.11). Thus, the

share of net value addition as a ratio to GDP stood at 5.02% in the year 2014-15 as against 5.50% in 2013-14. The share of gross value addition by CPSEs (net value addition + depreciation & impairment) in the GDP stood at 5.68% in 2014-15 as against 6.13% in 2013-14. In real terms the Gross Value Addition was ₹ 7,08,080 crore in 2014-15 and in 2013-14 was ₹ 6,94,895 crore.

**Table 1.11  
Components of Net Value Addition in CPSEs**

(₹in crore)

Sl.No.	Net Value addition	2014-15	Share (%)	2013-14	Share (%)
(1)	(2)	(3)	(4)	(5)	(6)
1.	Profit before Tax (PBT)	150237	23.85	183223	29.35
2.	Interest	56808	9.02	51638	8.27
3.	Indirect Taxes & Duties (Net of Subsidies)	259352	41.17	230769	36.97
4.	Salaries & Wages	127386	20.22	122321	19.60
5.	Rent, royalty and cess	37090	5.89	36299	5.82
	Total	630001	100.00	624227	100.00

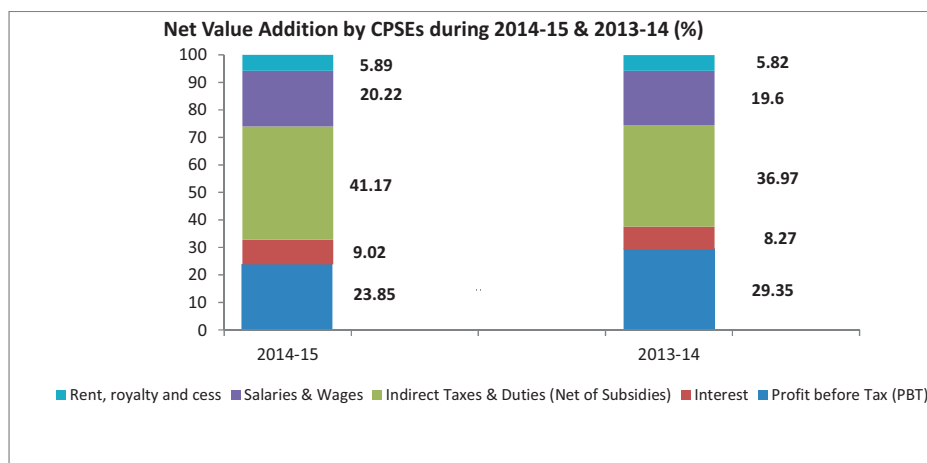


Fig.1.6

### 1.7.1 Components of Net Value Addition

In terms of 'net value addition' (gross value addition - depreciation) generated by CPSEs in 2014-15, the share of indirect taxes & duties (net of subsidies) was the highest at 41.17%. This was followed by 'profit before tax' (23.85%), salary & wages (20.22%), interest payment (9.02%) and rent royalty and cess (5.89%). A Comparisons between the respective shares of each of these items during 2014-15 and 2013-14 show that the share of profit before tax has decreased whereas the share of interest, indirect taxes and duties, salary and wages, and rent royalty and cess has increased in 2014-15. (Fig. 1.6)

### 1.8 Contribution to the Central Exchequer

CPSEs contribute to the Central Exchequer by way of dividend payment, interest on government loans and payment of taxes & duties. There was, however, a decline in the total contribution of CPSEs to the Central Exchequer during the year 2014-15, which decreased from ₹2,20,981 crore in 2013-14 to ₹ 2,00,584 crore in 2014-15. This was, mainly due to decrease in contribution towards Dividend, Corporate tax and custom duty in 2014-15. There was, however, an increase in 'excise duty', "dividend tax", "sales tax" and 'service tax' during the year 2014-15 as compared to the previous year (Table 1.12).

**Table 1.12**  
**Contribution to the Central Exchequer**

(₹in crore)

S I. No.	Particulars	2014-15	2013-14	2012-13	2011-12	Growth(%)over Last Year
<b>I (1). As Owner</b>						
(i)	Dividend	38165	45523	28864	28524	-16.16
<b>I(2). As Lender</b>						
(i)	Interest	400	744	795	2021	-46.24
	Total I	38566	46268	29660	30545	-16.65
<b>II. Taxes Paid by CPSEs to Central Government</b>						
1.	Excise Duty	80696	63832	59184	61165	26.42
2.	Custom Duty	6281	6812	6076	11518	-7.80
3.	Corporate Tax	48257	81553	44611	44192	-40.83
4.	Dividend Tax	10311	9292	6470	6099	10.97
5.	Sales Tax	4279	3140	2796	2234	36.27
6.	Service Tax	5897	5118	6289	3252	15.22
7.	Other Duties & Taxes	6294	4963	8122	3394	26.82
	Total II	162018	174713	133551	131856	-7.27
	Grand Total (I+II)	200584	220981	163211	162401	-9.23



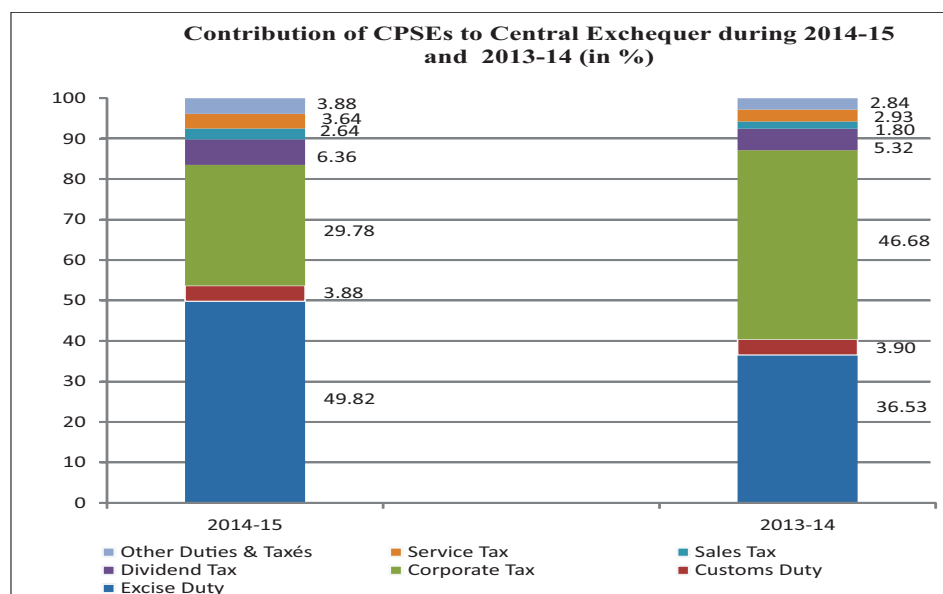


Fig.1.7

## 1.9 Employment

As on 31.3.2015, the 298 CPSEs employed over 12.91 lakh people (excluding contract workers). Around 30% of the manpower of CPSEs belongs to managerial and supervisory cadres. The CPSEs, thus, have a highly skilled workforce, which is one of their basic strengths.

Total number of employees in CPSEs is declining every year since 2006-07 except during 2011-12, on other hand per capita emoluments has been increasing. The per capita emolument was ₹ 3,25,869/- per annum in 2006-07 and has increased to ₹ 9,86,598/- per annum in year 2014-15. The details of employment in CPSEs and per capita emoluments are shown in Table 1.13.

**Table 1.13**  
**Employment and Average Annual Emoluments in CPSEs**

Year	Employees (in lakh) (Excluding contract workers)	Total Emoluments (in crore)	Per capita Emoluments (Rupees)
2006-07	16.14	52586	325869
2007-08	15.65	64306	410898
2008-09	15.33	83045	541716
2009-10	14.90	87792	589210
2010-11	14.40	98402	683347
2011-12	14.50	105648	728606
2012-13	14.02	116363	830263
2013-14	13.49	122322	906665
2014-15	12.91	127387	986598

## 1.10 Memorandum of Understanding (MOU) system in CPSEs

The Memorandum of Understanding (MoU) is

mutually negotiated agreement between the management of CPSEs and the Government of India / Holding CPSEs. MoU system involves goal setting in financial and non-financial areas and performance evaluation of these goals.

A High Power Committee under the Cabinet Secretary Oversees the MoU system. MoU facilitates empowerment and enhancement of performance of CPSEs. CPSEs are made more accountable and result oriented. Objectives of MoU are (i) Improve the performance of CPSEs by increasing autonomy and accountability of management; (ii) Fixing the targets in accordance with the goal and objectives of CPSEs; (iii) Enable performance evaluation through objective criteria and; (iv) Provide a mechanism of rewarding and incentivizing performance. The MoU system that was started with 4 CPSEs signing MoU in

the year 1986-87 increase its coverage to 190 CPSEs.

Performance evaluation is done based on the comparison between the actual achievements and the annual targets agreed upon between the government and the CPSE. In order to distinguish 'excellent' from 'poor', moreover, performance during the year is measured on a 5-point scale. Table -1.14 provides a summary of the performance of MoU signing CPSEs as reflected in their MoU rating during the last five years.

**Table: 1.14**  
**Grading of the performance of MoU signing CPSEs**

Grades	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15
Excellent	73	67	76	75	76	N.A.
Very Good	31	44	39	39	38	N.A.
Good	20	24	33	38	36	N.A.
Fair	20	24	25	36	29	N.A.
Poor	01	02	02	02	08	N.A.
Total	145	161	175	190	187	N.A.

Note : the data for the year 2014-15 is not available. (N.A.)

## 1.11 Government Disinvestment in CPSEs

Disinvestment of government equity in CPSEs began in 1991-92. The industrial policy statement of 1991 stated that the Government would divest part of its holdings in select CPSEs. Broadly, the objectives of divestment have been to raise resources, encourage wider public participation and bring in greater market accountability.

### 1.11.1 Current Policy on Disinvestment

The current policy on disinvestment envisages development people's ownership of CPSEs to share in their wealth and prosperity while ensuring that the Government equity does not fall below 51% and Government retains management control. Keeping in view the objective of disinvestment policy, the following approach to disinvestment has been adopted.

- (i) Already listed profitable CPSEs (not meeting mandatory shareholding of 10% which now stands revised to 25%) are to be made compliant by 'Offer for Sale' by Government or by the CPSEs through issue of fresh shares or a combination of both.
- (ii) Unlisted CPSEs with no accumulated losses and having earned net profit in three preceding consecutive years are to be listed.
- (iii) Follow-on public offers would be considered in respect of profitable CPSEs having 10 per cent or higher public ownership, taking into consideration the needs for capital investment of CPSE, on a case by case basis and Government could simultaneously or independently offer a portion of its equity shareholding.
- (iv) Each CPSE has different equity structure, financial strength, fund requirement, sector of operation etc. These factors do not permit a uniform pattern of disinvestment. Therefore, disinvestment is considered on merits and on a case-by-case basis.
- (v) CPSEs are permitted to use their surplus cash to buy back their shares; one CPSE may buy the shares of other CPSEs from the Government.

### 1.12 Revival of Sick CPSEs

The CPSEs were brought under the purview of Sick Industrial Companies (Special Provision) Act, 1985 in 1991. The Government subsequently set up the Board for Reconstruction of Public Sector Enterprises (BRPSE) in December, 2004 to advise the Government, inter alia, on the measures to restructure/revive, both industrial and non-industrial CPSEs. The Government approved on 07.10.2015 for winding up of Board of Reconstruction of Public Enterprises (BRPSE) to streamline the multiple mechanism for revival of sick CPSEs. Accordingly, the BRPSE set up in Department of Public Enterprises was wound up vide notification dated 9<sup>th</sup> November 2015. The concerned administrative Ministries / Department are now responsible to monitor sickness of CPSEs functioning under them and take timely redressal measures with the approval of the competent authority.

Department of Public Enterprises has issued guidelines on 29.10.2015 for “Streamlining the mechanism for revival and restructuring of sick / incipient sick and weak Central Public Sector Enterprises. General principles and mechanism of restructuring” to be followed by the administrative Ministries / Departments in preparation of proposals for revival / restructuring or closure of CPSEs under their administrative control in a time bound manner.

### 1.13 Board Structure of CPSEs

CPSEs are categorized into four Schedules namely ‘A’, ‘B’, ‘C’ and ‘D’, based on various quantitative, qualitative and other factors. The pay scales of Chief Executives and of full time Functional Directors in CPSEs are determined as per the Schedule of the concerned CPSE. Proposals from various administrative Ministries/ Departments for initial categorization / up-gradation of CPSEs in appropriate schedule, personal up-gradation, creation of posts in CPSEs, etc. are considered in Department of Public Enterprises (DPE) in consultation with the Public Enterprises Selection Board (PESB).

#### 1.13.1 Professionalization of Boards

In pursuance to the policy on public sector enterprises being followed since 1991, several measures have been taken by the DPE to professionalize the Boards of CPSEs. The guidelines issued by the DPE in 1992 provide for induction of non-official Directors on the Boards of CPSEs. The Government has laid down the criteria in terms of age, educational qualifications and experience

for persons to be considered for appointment as non-official Directors on the Board of CPSEs.

### 1.14 Wages/ Salaries and Employees Welfare

The Department of Public Enterprises (DPE) functions as the nodal Department in the Government of India, *inter-alia*, in respect of policy relating to wage settlement of unionized employees, pay revision of non-unionized supervisors and the executives holding posts below the Board level in CPSEs the CPSEs are largely following the Industrial Dearness Allowances (IDA) pattern of pay. In some cases, (only approx. 4%) Central Dearness Allowances (CDA) pattern of scale of pay is followed in the CPSEs.

### 1.15 Voluntary Retirement Scheme (VRS)

The CPSEs operate under dynamic market conditions; while, some of them may face shortage of staff, others may have excess manpower. The Government, therefore, initiated a Voluntary Retirement Scheme (VRS) to help rationalize their manpower. The basic parameters of the model Voluntary Retirement Scheme (VRS) which were notified by the Government vide Department of Public Enterprises’ OM dated 5.10.1988 and 6.1.1989 were in force since 1988 till April 2000. The Government modified the scheme and introduced a new scheme of VRS on 5.5.2000 and again on 6.11.2001. The ex-gratia payment under VRS to employees following CDA pattern at 1986 scales of pay has been also enhanced by 50% w.e.f. 26.10.2004. As per the available information, about 6.19 lakh employees opted for Voluntary Retirement Scheme (VRS) during the period from 1988 to 31.3.2015.

#### 1.15.1 Counseling, Retraining and Redeployment (CRR)

In the context of restructuring of Central Public Sector Enterprises (CPSEs), rationalization of manpower has become a necessity. The policy of the Government has been to implement reforms with a humane face and provide adequate safety net for the workers adversely affected due to right sizing. Considering the need to have safety net, Government had established the National Renewal Fund (NRF) in February, 1992 to cover both the expenses of VRS and the expenditure on retraining of retrenched workers in the organized sector. The retraining activity was administered by Department of Industrial Policy & Promotion. After the abolition of NRF in February 2000, the scheme of Counseling, Retraining and Redeployment (CRR) of Rationalized Employees

of CPSEs is being implemented by the Department of Public Enterprises since 2001-02. CRR Scheme was modified in November, 2007 in order to widen its scope and coverage. One dependent of VRS optee is also eligible in case the VRS optee himself / herself is not interested. The scheme for Counseling, Retraining and Redeployment inter-alia aims to:

- reorient rationalized employees through short duration training programmes.
- equip them for new vocations.
- engage them in income generating self – employment.
- help them rejoin the productivity process.

In the year 2014-15, plan funds to the tune of ₹4.90 crore was allocated for implementation of CRR Scheme. During the year, 8 nodal agencies were operational with 19 Employees Assistance Centres (EACs) located all over the country. Year –wise number of persons trained under the scheme is shown as under Table 1.15:-

**Table 1.15**  
**CRR Scheme**

Year	Number of VRS optees trained
2001-02	8,064
2002-03	12,066
2003-04	12,134
2004-05	28,003
2005-06	32,158
2006-07	34,398
2007-08	9,728
2008-09	9,772
2009-10	7,400
2010-11	9,265
2011-12	9,400
2012-13	7,506
2013-14	3,340
2014-15	2,525
Total	1,85,759

## 1.16 Corporate Social Responsibility by CPSEs

After coming into force of the provisions on Corporate Social Responsibility (CSR) in Section-135 of Companies Act, 2013, all profit making corporates, including Central Public Sector Enterprises (CPSEs) fulfilling threshold limits with regard to net worth of ₹500 crore or more, or turnover of ₹1000 crore or a net profit of ₹5 crore or more prescribed in the Act are mandated to spend 2% of the average net profits (Profit Before Tax) of the company made during the three immediately preceding years in pursuance of its CSR Policy.

CPSEs are expected to undertake their CSR activities as per Section-135 of the Companies Act, 2013 (CSR Policy). Rules, 2014 notified by Ministry of Corporate Affairs thereunder and Schedule-VII of the Companies Act, 2013 which indicates the activities that can be undertaken by CPSEs under their CSR for welfare of the society at large in a sustainable manner.

## 1.17 Market Capitalization of CPSEs Stocks

There were 45 CPSEs listed and traded on the stock exchanges of India as on 31.03.2015. The total market capitalization of 45 CPSEs based on stock prices on Mumbai Stock Exchange as on 31.03.2014 was ₹11,02,730 crore. Market capitalization of 45 CPSEs as on 31.03.2015 stood at ₹13,27,127 crore. There was, therefore, an increase in market capitalization of CPSEs by 20.35% (₹ 2,24,397 crore) as on 31.03.2015 over market capitalization as on 31.03.2014. During this period, the market capitalization of Mumbai Stock Exchange increased by 36.87% and Sensex increased by 24.89%. Market Capitalization (M\_Cap) of all listed CPSEs as a percentage of BSE M\_Cap decreased from 14.87% as on 31.03.2014 to 13.08% as on 31.3.2015. A table showing closing price of listed CPSEs in BSE as on 31.3.2014 and 31.3.2015 (as well as M\_Cap on these dates) is given below (Table 1.16).

**Table 1.16**  
**Growth in Market Capitalization of listed and traded CPSEs**

SL. No.	Company Name	BSE Closing Market Price of stocks as 31.03.2014 (₹ )	BSE Closing Market Price of stocks as 31.03.2015 (₹)	Market Capitalization as on 31.03.2014 (₹ in crore)	Market Capitalization as on 31.03.2015 (₹ in crore)	% Change in Market Cap. (2015 over 2014)
		(3)	(4)	(5)	(6)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Andrew Yule & Co. Ltd.	13.39	21.4	436.7	713.99	63.5
2	Balmer Lawrie & Co. Ltd.	304.6	565.15	868.13	1610.71	85.54
3	Balmer Lawrie Investment	184.15	262.9	408.76	583.57	42.77
4	BEML Ltd.	291.6	1092.35	1214.35	4549.04	274.61
5	Bharat Electronics Ltd.	1144.65	3347.25	9157.2	26778	192.43
6	Bharat Heavy Electricals Ltd.	196.8	234.95	48168.77	57506.36	19.39
7	Bharat Immunologicals & Biologicals Corpn. Ltd.	8.69	36.4	37.52	157.18	318.92
8	Bharat Petroleum Corpn. Ltd.	460.3	809.95	33283.57	58566.21	75.96
9	Chennai Petroleum Corpn. Ltd.	68.5	68.55	1020.04	1020.79	0.07
10	Coal India Ltd.	287.9	362.4	181848.13	228905.05	25.88
11	Container Corpn. of India Ltd.	974	1581.25	18990.49	30830.29	62.35
12	Dredging Corpn. Of India Ltd.	238.55	373.5	667.94	1045.8	56.57
13	Engineers India Ltd.	225	194.25	2243.92	6544.99	191.68
14	Fertilizers & Chemicias Travancore Ltd	20.55	28.1	712.62	974.43	36.74
15	GAIL (India) Ltd.	375.75	388.85	47663.04	49324.74	3.49
16	Hindustan Copper Ltd.	68.6	63.1	6347	5838.13	-8.02
17	Hindustan Fluorocarbons Ltd.	4.6	6.7	9.02	13.13	45.57
18	Hindustan Organic Chemicals Ltd.	11.91	14.1	80	94.71	18.39
19	Hindustan Petroleum Corpn. Ltd.	309.75	650.1	10488.98	22014.16	109.88
20	HMT Ltd.	28.9	42.15	2190.19	3194.34	45.85
21	India Tourism Devp. Corpn. Ltd.	96.25	113.8	825.53	976.06	18.23
22	Indian Oil Corpn. Ltd.	279	368.3	67739.87	89421.49	32.01
23	ITI Ltd.	16.05	20.45	462.24	588.96	27.41
24	Mahanagar Telephone Nigam Ltd.	15.23	18.2	959.49	1146.6	19.5
25	Mangalore Refinery & Petrochemicals Ltd.	47.55	67.15	8333.61	11768.7	41.22
26	MMTC Ltd.	53.1	48.7	5310	4870	-8.29
27	MOIL Ltd	250.95	276.2	4215.96	4640.16	10.06

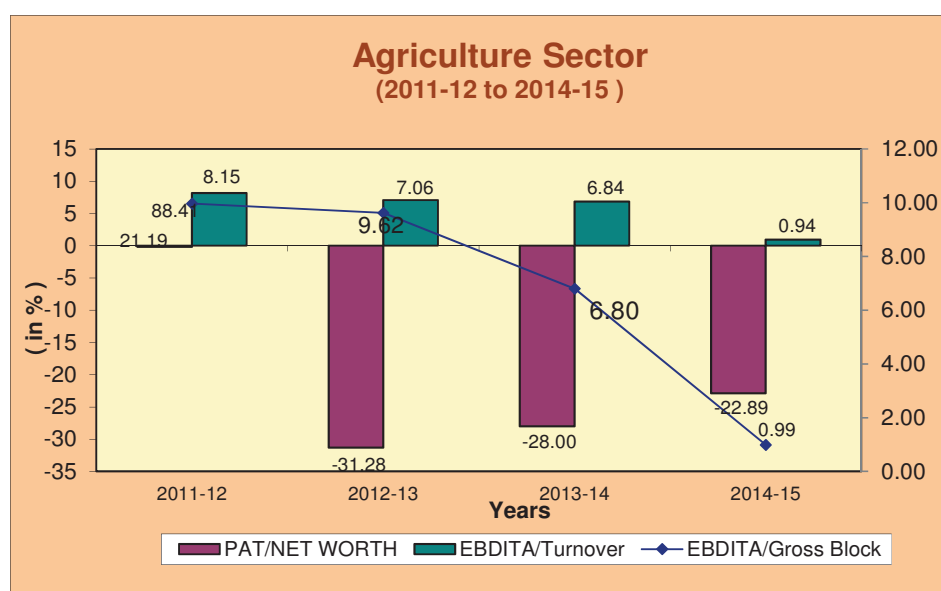
28	National Aluminium Co. Ltd.	39.65	46.65	10218.75	12022.82	17.65
29	National Building Construction Corporation Ltd	157.45	957.55	1889.4	11490.6	508.16
30	National Fertilizers Ltd.	24.1	28	1182.29	1373.62	16.18
31	Neyveli Lignite Corpn. Ltd.	61.15	70.3	10259.19	11794.3	14.96
32	NHPC	19.1	19.9	23494.42	24478.48	4.19
33	NMDC Ltd.	139.45	130.05	55287.96	51561.13	-6.74
34	NTPC Ltd.	119.95	147.35	98904.35	121496.92	22.84
35	Oil & Natural Gas Corpn. Ltd.	318.7	306.8	272663.47	262482.44	-3.73
36	Oil India Ltd.	482	453.65	28974.75	27270.53	-5.88
37	Power Finance Corpn. Ltd.	193.4	272.75	25529.57	36004.11	41.03
38	Power Grid Corpn. Of India Ltd.	105.05	145.2	54957.85	75962.68	38.22
39	Rashtriya Chemicals & Fertilizers Ltd.	33.1	56.3	1826.09	3106	70.09
40	Rural Electrification Corpn. Ltd.	228.8	332.65	22593.06	32847.82	45.39
41	Scooters India Ltd.	16.25	25.55	69.86	109.85	57.24
42	Shipping Corpn. Of India Ltd.	41.6	46.15	1937.72	2149.66	10.94
43	State Trading Corpn. Of India Ltd.	181.25	146.5	1087.5	879	-19.17
44	Steel Authority Of India Ltd.	71.4	68.35	29488.71	28229.04	-4.27
45	Sutlej Jal Vidhyut Nigam Ltd	21	24.65	8686.92	10196.78	17.38
	Total Market Capitalization of CPSEs			1102729.9	1327127.4	20.35
	Total Market Capitalization of BSE			7415296.1	10149290	36.87
	BSE Sensex			22386.27	27957.49	24.89
	Market Capitalisation of CPSEs as % of BSE Market Cap.			14.87%	13.08%	
	i) IRCON have been delisted on 03/11/2011					
	ii) Maharashtra Elektros melt Ltd. has been merged with Steel Authority of India on 30/09/2011 (iii) (A) Hindustan Photo films Corporation (B) KIOCL ( C) Bisra Stone Lime Co. Ltd. has not trading					
	(iv) Madras Fertilizers Ltd – Data not available					



**1.18 The ratios are covered in Box No.5 for sector wise groups of CPSEs for the last four years:**

**BOX – 5**  
**Sector wise Ratios of CPSEs**

Sector-wise Ratio (in %age)	2014-15	2013-14	2012-13	2011-12
<b>AGRICULTURE</b>				
PAT / Networth	-22.89	-28	-31.28	-0.16
EBDITA / Gross Block	0.99	6.8	9.62	9.97
EBDITA / Turnover	0.94	6.84	7.06	8.51
<b>ELECTRICITY</b>				
PAT / Networth	10.99	10.7	12.48	11.44
EBDITA / Gross Block	9.79	10.86	11.85	12.11
EBDITA / Turnover	42.56	44.07	46.06	43.61
<b>MANUFACTURING</b>				
PAT / Networth	7.57	10.92	14.41	12.17
EBDITA / Gross Block	10.5	13.54	14.74	18.52
EBDITA / Turnover	4.27	4.76	4.91	6.13
<b>MINING</b>				
PAT / Networth	17.92	22.11	22.48	26.12
EBDITA / Gross Block	22.83	26.1	29.51	31.53
EBDITA / Turnover	52	55.6	53.96	54.88
<b>SERVICES</b>				
PAT / Networth	1.72	7.26	-2.23	-5.83
EBDITA / Gross Block	18.67	16.28	9.58	8.14
EBDITA / Turnover	16.27	14.27	8.96	7.07



**Fig. 1.8**

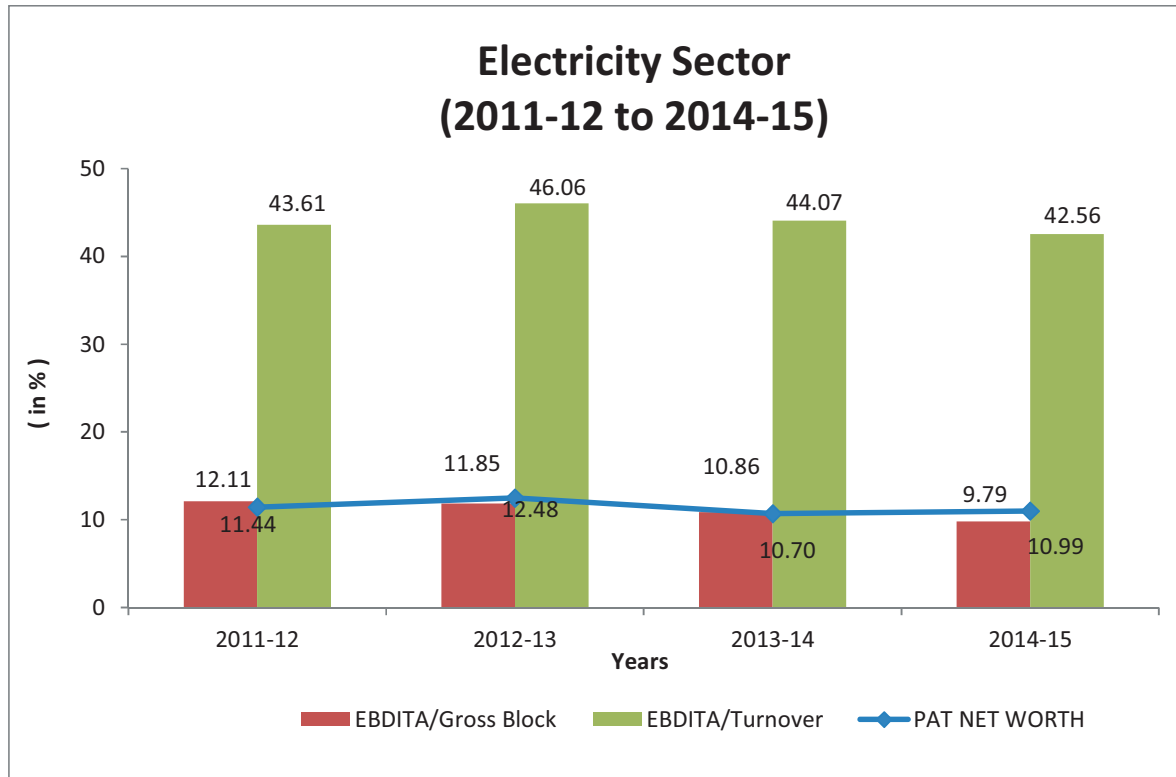


Fig. 1.9

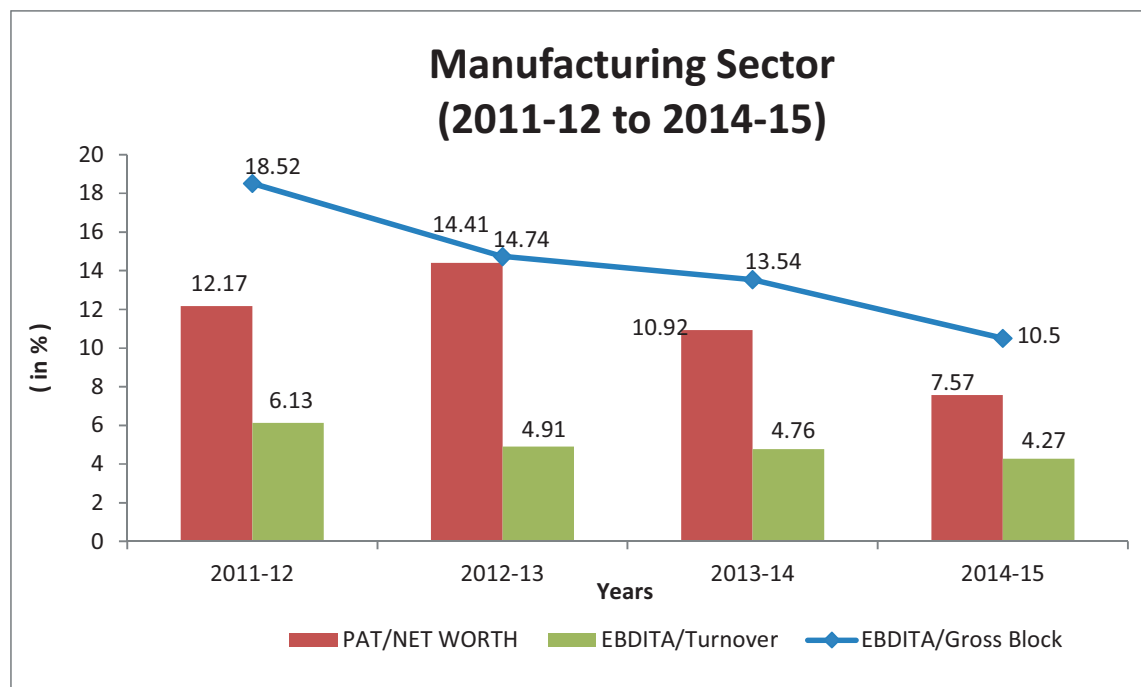
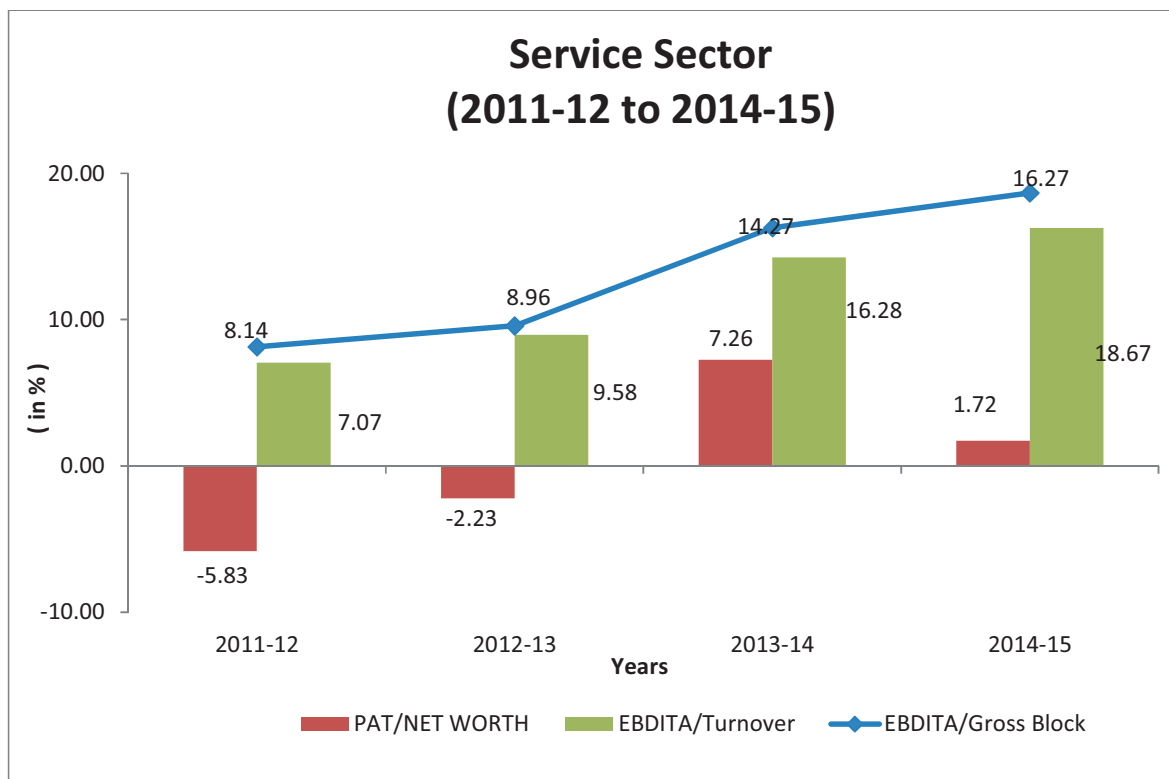


Fig. 1.10





**Fig. 1.11**

## Chapter 2

### Investment in Central Public Sector Enterprises

**2.1** The aggregate real investment in Central Public Sector Enterprises (CPSEs) measured in terms of 'gross block' increased from ₹17,56,530 crore in 2013-14 to ₹19,06,796 crore in 2014-15, showing an increase of ₹1,50,266 crore and a growth of 8.55 percent over the previous year Table 2.1.

**Table 2.1**  
**Growth in real investment / Gross Block**

(₹in crore)

Year	Accumulated Gross Block @ in CPSEs	Gross Block during the year (₹in crore)	Growth over the previous year (in %)
(1)	(2)	(3)	(4)
2002-03	525301	34903	7.12
2003-04	596727	71426	13.60
2004-05	649245	52518	8.80
2005-06	715108	65863	10.14
2006-07	782668	67560	9.45
2007-08	862240	79572	10.17
2008-09	978167	115927	13.44
2009-10	1129983	151816	15.52
2010-11	1237051	107068	9.48
2011-12	1408046	170995	13.82
2012-13	1555575	147529	10.48
2013-14	1756530	200956	12.92
2014-15	1906796	150266	8.55

Note: @including capital work in progress and Intangible Assets under development.

### 2.2 Growth in Financial Investment

The aggregate financial investment in CPSEs (comprising paid-up share capital, share application money pending allotment, money received against share warrants and long term loans) grew from ₹29 crore in 5 enterprises in 1951 to ₹ 10,96,057 crore in 298 enterprises

as on 31.3.2015 (Table 2.2). The financial investment during 2014-15 over 2013-14, increased by ₹ 1,03,962 crore and displayed growth of 10.48%.

**Table 2.2**  
**Movement in Growth of (Financial) Investment #**

Particulars	Total investment (₹in crore)	Enterprises (Nos.)
(1)	(2)	(3)
At the commencement of the 1st Five Year Plan (1.4.1951)	29	5
At the commencement of the 2nd Five Year Plan (1.4.1956)	81	21
At the commencement of the 3rd Five Year Plan (1.4.1961)	948	47
At the end of 3rd Five Year Plan (31.3.1966)	2410	73
At the commencement of the 4th Five Year Plan (1.4.1969)	3897	84
At the commencement of the 5th Five Year Plan (1.4.1974)	6237	122
At the end of 5th Five Year Plan (31.3.1979)	15534	169
At the commencement of the 6th Five Year Plan (1.4.1980)	18150	179
At the commencement of the 7th Five Year Plan (1.4.1985)	42673	215
At the end of 7th Five Year Plan (31.3.1990)	99329	244
At the commencement of the 8th Five Year Plan (1.4.1992)	135445	246
At the end of 8th Five Year Plan (31.3.1997)	213610	242
At the end of 9th Five Year Plan (31.3.2002)	324614	240
At the end of 10th Five Year Plan (31.3.2007)	420771	247
At the end of Eleventh Five Year Plan (31.3.2012)	729298	260
At the end of first year of Twelfth Five Year Plan (31.3.2013)	845334	277
At the end of second year of Twelfth Five Year Plan (31.3.2014)	992095	290
At the end of third year of Twelfth Five Year Plan (31.3.2015)	1096057	298

Note: # As in the Balance Sheet (i.e. paid up capital + pending Share application money + money received against share warrants + long term loan).

### 2.3 Changing Structure of Financial Investment

While the total investment has increased significantly in CPSEs over the years, the structure of financial investment in CPSEs has also under-gone change. (Table 2.3). While the share of 'paid-up capital' in total (financial) investment was 32.57 percent during 2002-03, it declined to 19.66 percent in 2013-14 and further to

18.70 percent in 2014-15. The share of 'long-term loans', on the other hand, went up from 66.56 percent in 2002-03 to 79.96 percent in 2013-14 and to 80.56 percent in 2014-15 (Table 2.3).

**Table 2.3**  
**Components of Financial Investment**

(₹in crore)

Year ending	Paid-up Capital	Pending Share application money	Money received against share warrant	Long term loans	Investment (2+3+4+5)
(1)	(2)	(3)	(4)	(5)	(6)
As on 31.3.2003	109306 (32.57)	2933 (0.87)	- -	223408 (66.56)	335647 (100.00)
As on 31.3.2004	111874 (31.96)	7087 (2.02)	- -	231033 (66.01)	349994 (100.00)
As on 31.3.2005	117551 (32.84)	6494 (1.81)	- -	233894 (65.34)	357939 (100.00)
As on 31.3.2006	120844 (29.93)	6204 (1.54)	- -	276658 (68.53)	403706 (100.00)
As on 31.3.2007	125323 (29.80)	6306 (1.50)	- -	288847 (68.70)	420476 (100.00)
As on 31.3.2008	131232 (34.71)	3090 (6.78)	- -	321232 (70.51)	455554 (100.00)
As on 31.3.2009	138734 (27.02)	3222 (0.62)	- -	371576 (72.36)	513532 (100.00)
As on 31.3.2010	148367 (25.55)	1748 (0.30)	- -	430669 (74.15)	580784 (100.00)
As per Revised Schedule VI:	155534 (25.75)	1901 (0.31)	3.00 (0.01)	446430 (73.93)	603868 (100)
As on 31.3.2011					
As on 31.3.2012	161349 (22.12)	2511 (0.34)	3.00 (0.01)	565435 (77.53)	729298 (100.00)
As on 31.3.2013	179396 (21.22)	2493 (0.30)	0.00	663445 (78.48)	845334 (100)
As on 31.3.2014	194997 (19.66)	2725 (0.38)	0.00	793373 (79.96)	992095 (100)
As on 31.3.2015	204945 (18.70)	8074 (0.74)	0.00	883037 (80.56)	1096057 (100.00)

## 2.4 Sources of Financial Investment

While the central Government continues to have majority equity holding in CPSEs (70.03%), investment both in terms of equity and long term loans has been forthcoming from other parties as well, such as the financial institutions, banks, private parties (both Indian and foreign), State Governments and Holding Companies. A perusal of 'sources of investment', which is given below (Table 2.4) over the years, shows a significant change in the investment pattern of CPSEs during 2005-06 to 2014-15 (Table-2.4). Whereas the share of the Central Government in total (financial) investment (both equity

and long term loans) stood at 36.44 per cent in 2005-06, it declined to 15.40 per cent in 2014-15. The share of financial institutions/banks (and 'other'), on the other hand, that was 43.22 per cent in 2005-06 has also increased to 67.61 percent in 2014-15. In a way this shows the greater confidence of FIs and banks in the CPSEs. The share of 'foreign parties' in total financial investment has shown increase from 7.20 per cent in 2005-06 to 11.62 per cent in 2014-15. The share of 'State Governments' in total financial investment has also shown a marginal decline from 0.90 percent in 2005-06 to 0.44 percent in 2014-15.

**Table 2.4**  
**Sources of Investment**

(₹ in crore)

Items	Central Govt.	State Govt.	Holding Company	Foreign Parties	FI/Banks & Others	Share Appl. Money (pending allotment)	Total Investment
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>As on 31.3.2006</i>							
Equity (E)	101350	3353	11152	1514	3475	-	
Loan (L)	45763	288	32040	27547	171019	-	
E+L	147113	3641	43192	29061	174494	6204	403706
% of Total (E+L)	36.44	0.90	10.70	7.20	43.22	1.54	100
<i>As on 31.3.2007</i>							
Equity (E)	93874	3438	11449	1733	14829	-	
Loan (L)	46381	117	19067	35163	188414	-	
E+L	140255	3555	30516	36896	203243	6306	420771
% of Total(E+L)	33.33	0.84	7.25	8.77	48.31	1.5	100
<i>As on 31.3.2008</i>							
Equity (E)	110470	3544	11213	1627	4378	-	
Loan (L)	51535	230	16409	32935	220123	-	
E+L	162005	3774	27622	34562	224501	3090	455554
% of Total (E+L)	35.56	0.83	6.06	7.59	49.28	0.68	100
<i>As on 31.3.2009</i>							
Equity (E)	117319	3441	11701	1332	4941		-
Loan (L)	40563	92	20782	43710	266429		
(E+L)	157882	3533	32483	45042	271370	3222	513532
% of total (E+L)	30.74	0.69	6.33	8.77	52.84	0.63	(100.00)
<i>As on 31.3.2010</i>							
Equity (E)	122201	3657	13487	1416	7606	-	
Loan (L)	34803	92	21588	40515	333671	-	
(E+L)	157004	3749	35075	41931	341277	1748	580784
% of total (E+L)	27.03	0.65	6.04	7.22	58.76	0.3	(100.00)
<i>As on 31.3.2011</i>							
Equity (E)	126668	3822	14847	2152	8048	1901	-
Loan (L)	34257	82	21268	60585	330345	-	
(E+L)	160925	3904	36115	62737	338393	1901	603975
% of total (E+L)	26.64	0.65	5.98	10.39	56.34	0.31	(100.00)
<i>As on 31.3.2012</i>							
Equity (E)	129235	3793	15402	2047	10875	2511	
Loan (L)	37420	78	23273	85906	418758	-	
(E+L)	166655	3871	38675	87953	429633	2511	729298
% of total (E+L)	22.85	0.53	5.31	12.06	58.91	0.34	(100.00)
<i>As on 31.3.2013</i>							
Equity (E)	136281	3866	24538	2580	12131	2493	
Loan (L)	31055	101	16889	109489	505911	-	
(E+L)	167336	3967	41427	112069	518042	2493	845334
% of total (E+L)	35.26	0.91	8.81	25.74	28.71	0.57	(100.00)
<i>As on 31.3.2014</i>							
Equity (E)	143933	3887	31082	3427	12668	3725	
Loan (L)	20508	255	10866	13689	748056	-	
(E+L)	164441	4142	41948	17116	760724	3725	992096
% of total (E+L)	16.57	0.42	4.23	1.73	76.67	0.38	(100.00)
<i>As on 31.3.2015</i>							
Equity (E)	149175	4569	34405	3628	13169	8074	
Loan (L)	19572	244	11636	123725	727860	-	
(E+L)	168747	4813	46041	127353	741029	8074	1096057
% of total (E+L)	15.40	0.44	4.20	11.62	67.61	0.73	(100.00)

## 2.5 Plan Investment in CPSEs

A good deal of investment in CPSEs in recent years has been made from internal resources (IR). Plan outlay in CPSEs constituting internal resources (IR), extra-budgetary resources (EBR) and Budgetary Support (BS) which showed a continuous increase in absolute terms from 2005-06 till 2011-12, marginally declined by ₹8665.60 crore in 2012-13 over the previous year. Further the total Plan Outlay has increased by ₹31579.87 crore in 2013-14 over the previous year. Again, total

plan outlay declined by ₹21025.24 crore in 2014-15 over the previous year. The respective shares of IR, EBR (extra budgetary support) and Budgetary Support have, nevertheless, undergone a change. The share of IR has decreased from 73.94 per cent of plan outlay in 2013-14 to 52.17 per cent in 2014-15 and the share of Budgetary Support has increased from 3.83 percent in 2013-14 to 4.33 percent in 2014-15. The share of extra budgetary resources, on the other hand also, increased from 22.23 percent in 2013-14 to 43.50 percent in 2014-15 (Table 2.5).

**Table.2.5**  
**Plan Investment in CPSEs (2005-06 to 2014-15)**

(₹in crore)

Year	Internal Re-sources	Extra Budgetary Re-sources	Budgetary support	Plan Outlay
2005-06	42143.53	35723.30	4271.70	82138.53
	(51.31)	(43.49)	(5.20)	(100)
2006-07	58981.57	32676.47	5263.76	96921.80
	(60.85)	(33.71)	(5.43)	(100)
2007-08	68140.97	38692.82	2745.80	109579.59
	(62.18)	(35.31)	(2.51)	(100)
2008-09	72815.68	75807.99	1629.64	132253.31
	(55.06)	(43.71)	(1.23)	(100)
2009-10	84980.15	65633.85	4458.75	155072.75
	(54.80)	(42.32)	(2.88)	(100)
2010-11	107199.31	56174.62	4120.65	167494.58
	(64.00)	(33.54)	(2.46)	(100)
2011-12	107940.18	78921.04	3933.25	190794.47
	(56.57)	(41.37)	(2.06)	(100)
2012-13	93239.93	81186.04	7702.90	182128.87
	(51.19)	(44.58)	(4.23)	(100.00)
2013-14	158013.11	47514.74	8180.89	213708.74
	(73.94)	(22.23)	(3.83)	(100.00)
2014-15	100524.85	83815.86	8342.79	192683.50
	(52.17)	(43.50)	(4.33)	(100.00)

## 2.6 Internal Resources of CPSEs

A perusal of different components of IR, moreover, shows that the share of 'retained profit' has been showing an increase during this period. It went up from ₹50248.20 crore in 2005-06 to ₹69514.59 crore in 2014-15 (Table

2.6). Whereas the share of 'depreciation' in IR increased from 40.36 per cent in 2005-06 to 46.03 per cent in 2014-15, the share of 'retained profit' in IR declined from 58.71 per cent in 2005-06 to 50.32 per cent in 2014-15 (Table 2.6).

**Table 2.6**  
**Internal Resources of CPSEs**  
**(2005-06 to 2014-15)**

(₹in crore)

Years	No. of CPSEs which generated IR	Depreciation	Impairment / Generated IR	Deferred Tax impairment	Retained Profit	Total Internal Resources
(1)	(2)	(3)	(4)	(5)	(6)	(7)
2005-06	149	34540.93 (40.36)	797.93 (0.93)		50248.20 (58.71)	85587.06 (100.00)
2006-07	154	32013.20 (33.28)	5475.33 (6.69)		58713.84 (61.03)	96202.27 (100.00)
2007-08	160	35436.51 (35.51)	5653.54 (5.65)		58731.80 (58.84)	99821.85 (100.00)
2008-09	158	34432.79 (31.08)	7516.89 (6.78)		68854.43 (62.14)	110804.11 (100.00)
2009-10	157	28745.82 (26.52)	9575.56 (8.84)		70061.06 (64.64)	108382.44 (100.00)
2010-11	162	53574.55 (37.27)	*185.69 (0.15)	3716.01 (3.25)	66478.93 (60.33)	120794.96 (100.00)
2011-12	166	59907.73 (46.22)	152.38 (0.12)	1428.77 (1.10)	68128.71 (52.56)	129617.59 (100.00)
2012-13	159	61798.75 (42.34)	403.07 (0.28)	5394.08 (3.70)	78350.53 (53.68)	145946.43 (100.00)
2013-14	162	60483.45 (39.96)	848.67 (0.56)	6881.74 (4.55)	83161.01 (54.93)	151374.87 (100.00)
2014-15	161	63593.95 (46.03)	533.61 (0.39)	4506.06 (3.26)	69514.59 (50.32)	138148.21 (100.00)

## 2.7 Pattern of Investment

Table 2.7 below shows sector-wise aggregate real investment in CPSEs during the last two years, as measured in terms of gross block. The share of 'electricity' CPSEs in gross block was the highest at 27.75 percent followed by 'manufacturing' (27.40%), 'mining' (26.60%) and 'service' (16.63%). In terms of growth in investment

over the previous year, the highest growth (other than CPSEs under construction) was registered by 'agriculture' sector (15.37%) followed by 'electricity' (13.01%) and 'mining' (7.91%) and "manufacturing" (7.83%). The overall growth in investment in CPSEs, in terms of 'gross block', stood at 8.55 per cent in 2014-15 over the previous year. (Table 2.7).

**Table 2.7**  
**Pattern of investment in terms of Gross Block (2013-14 and 2014-15)**

(₹in crore)

S. No.	Sector	Investment in terms of Gross Block		Growth rate over the previous year	Gross Block as % of Total as on 31.3.2015
		2014-15	2013-14		
1	Agriculture	1004.91	871.02	15.37	0.05
2	Electricity	529103.46	468197.18	13.01	27.75
3	Manufacturing	522551.94	484618.47	7.83	27.40
4	Mining	507165.71	469992.59	7.91	26.60
5	Services	317078.14	308123.09	2.91	16.63
6	Under Construction	29892.15	24728.45	20.88	1.57
	<b>TOTAL</b>	<b>1906796.31</b>	<b>1756530.80</b>	<b>8.55</b>	<b>100.00</b>

Note: This is inclusive of capital- work -in- progress (including intangible assets).



## 2.8 Top Ten Enterprises in terms of Gross Block

Gross block in top ten enterprises amounted to ₹1342878.35 crore as on 31.3.2015. This was equal to 70.43 percent of the total gross block in all CPSEs. Oil &

Natural Gas Corporation Limited, NTPC Ltd and Bharat Sanchar Nigam Ltd. are the top three CPSEs amongst the top ten CPSEs in terms of gross block during the year 2014-15 (Table 2.8). The share of these 3 CPSEs alone was 48.21% of the total gross block of all the CPSEs as on 31.3.2015.

**Table 2.8**  
**Gross Block in Top Ten Enterprises, as on 31.3.2015**

(₹in crore)

S. No.	CPSE Name	Investment in terms of Gross Block	Share in Total Gross Block (%)
1	Oil & Natural Gas Corporation Ltd.	290042.10	21.60
2	NTPC Ltd.	184971.08	13.77
3	Bharat Sanchar Nigam Ltd.	172366.88	12.84
4	Power Grid Corporation of India Ltd.	171188.41	12.75
5	Indian Oil Corporation Ltd.	157966.95	11.76
6	ONGC Videsh Ltd.	115928.85	8.63
7	Steel Authority of India Ltd.	94401.19	7.03
8	Nuclear Power Corpn. of India Ltd.	54888.24	4.09
9	Hindustan Petroleum Corpn. Ltd.	51649.34	3.85
10	Bharat Petroleum Corpn. Ltd.	49475.31	3.68
	<b>Total</b>	<b>1342878.35</b>	<b>70.43</b>
	<b>Grand Total</b>	<b>1906796.31</b>	<b>100.00</b>

\* Gross Block inclusive of Capital-work-in progress and intangible assets under development.

## 2.9 State-wise distribution of gross block

As on 31.3.2015, the enterprises have invested funds in terms of gross block for the productivity in different states. The funds have been invested as per

the requirement of the CPSEs and the balance regional development in the country. In absolute terms, there has generally been increase in investments in most states. The state wise distribution of investment in terms of gross block is given in Table 2.9 below.

**Table 2.9**  
**State-Wise Distribution of Gross Block as on 31.03.2015**

Sl. No.	State / Union Territory	Gross Block (₹in crore)			% share in Total Gross Block		
		2014-15	2013-14	2012-13	2014-15	2013-14	2012-13
1	Andhra Pradesh	100010.59	127586.86	114000.56	5.24	7.26	7.33
2	Arunachal Pradesh	13613.41	12071.08	11104.8	0.71	0.69	0.71
3	Assam	78800.49	71394.67	63602.19	4.13	4.06	4.09
4	Bihar	60724.3	55773.01	43593.95	3.18	3.18	2.8
5	Chhattisgarh	82164.08	70380.48	60498.92	4.31	4.01	3.89
6	Delhi	63435.78	61769.53	69985.27	3.33	3.52	4.5
7	Goa	1602.45	1769.04	1618.07	0.08	0.1	0.1
8	Gujrat	87334.13	76386.38	69922.7	4.58	4.35	4.49
9	Haryana	49318.02	47429.75	44854.43	2.59	2.7	2.88
10	Himachal Pradesh	38957.77	37634.46	34436.74	2.04	2.14	2.21
11	Jammu & Kashmir	24500.07	23528.67	21531.3	1.28	1.34	1.38
12	Jharkhand	48401.55	42693.36	36921.16	2.54	2.43	2.37
13	Karnataka	72457.9	65817.33	50888.73	3.8	3.75	3.27
14	Kerala	37825.79	33865.88	31460.19	1.98	1.93	2.02
15	Madhya Pradesh	81991.08	74457.85	64929.55	4.3	4.24	4.17
16	Maharashtra	323654.18	297162.9	281531.12	16.97	16.92	18.1
17	Manipur	685.02	520.74	468.82	0.04	0.03	0.03
18	Meghalaya	344.89	322.93	333.8	0.02	0.02	0.02
19	Mizoram	1237.89	886.13	702.06	0.06	0.05	0.05
20	Nagaland	1257.89	1177.24	1183.68	0.07	0.07	0.08
21	Orissa	108095.85	102321.04	80000.25	5.67	5.83	5.14
22	Punjab	19493.58	17829.02	15800.18	1.02	1.02	1.02
23	Rajasthan	39308.77	33999.75	31887.35	2.06	1.94	2.05
24	Sikkim	4432.81	4276.52	3956.67	0.23	0.24	0.25
25	Telangana	11660.58	-	-	0.61	-	-
26	Tamilnadu	124150.77	120166.4	111184.42	6.51	6.84	7.15
27	Tripura	6944.05	6240.71	4860.76	0.36	0.36	0.31
28	Uttar Pradesh	118576.46	109569.06	99525.48	6.22	6.24	6.4
29	Uttaranchal	26513.79	25250.84	23215.48	1.39	1.44	1.49
30	West Bengal	91564.26	85606.58	80052.6	4.8	4.87	5.15
31	Andaman & Nicobar Islands	441.46	2327.26	2581.75	0.02	0.13	0.17
32	Chandigarh	649.09	559.79	502.87	0.03	0.03	0.03
33	Pondicherry	389.5	283.39	333.41	0.02	0.02	0.02
34	Dadra Nagarhavl	378.03	358.85	376.48	0.02	0.02	0.02
35	Daman And Diu	231	174.75	157.28	0.01	0.01	0.01
36	Others And Unallocated	185649.03	144938.55	97572.27	9.74	8.25	6.27
	<b>Total</b>	<b>1906796.31</b>	<b>1756530.80</b>	<b>1555575.29</b>	<b>100</b>	<b>100</b>	<b>100</b>

## Chapter-3

### Pricing Policy in CPSEs

Determination of the price of a product is the starting point for assessing the profitability of a commercial enterprise and the economic value of the undertaking to the nation. It depends on internal and external factors like demand, costs, competition faced by the commercial enterprise for its products, the socio-economic objectives of the enterprise, the market share of the company and its positioning market strategy. Pricing strategy, in turn, involves estimation of cost, analysis of competitor's price, determination of demand and finally selection of the appropriate price.

#### Pricing Policy in CPSEs

The pricing policy of the CPSEs depends on the overall economic policy of the Government. The goal of pricing policy has been to strike a balance between the social objectives of the CPSEs and their commercial viability. The prices of products of all CPSEs, other than those which have been created for 'no profit and no loss' or for some specific purpose should be determined so as to earn profit and earn a surplus for further capital formation.

Prior to 1991, prices of goods and services produced by most of the public sector enterprises in India, were determined by the government under the policy regime of 'controlled prices', or following the Administered Price Mechanism (APM). The APM, in most cases, was based on the cost of production (plus a reasonable return on investment). The Government obtained the cost estimates either from 'the management' of the company or from 'an expert body'. In the case of CPSEs in the 'core sectors', the Government has relied up on the Bureau of Industrial Costs and Prices (merged in 1999 with the Tariff Commission, Ministry of Commerce and Industry) for cost estimates and the consequent recommendations made by the mon (fair) prices of goods and services of these enterprises. Other than the Tariff Commission, there have been other agencies like the Office of Chief Adviser (Cost), Department of Economic Affairs, Ministry of Finance, the National Pharmaceutical Pricing Authority (NPPA), Department of Pharmaceuticals and the Central Negotiation Committee, Ministry of Defence, which have been fixing the price of select goods and services.

In a monopoly market, a public sector enterprise can fix the price that maximizes the mark-up as well as the gross profits. That may not happen, however, if the government intervenes to moderate the price and reduce the mark-up in the interest of consumers and user industries/sectors.

In general, governments fix/administer the price of select goods and services produced by public sector enterprises based on the following principles:

- (a) true costs (fixed and variable cost) of goods and services plus a reasonable return on investment,
- (b) cross-subsidization between one group and another or between one sector and another,
- (c) differential price norms for peak and off-peak demand, below cost to stimulate demand under conditions of excess/unutilized capacity, lower price for giving incentive to encourage consumption (e.g. fertilizer consumption) and higher price as disincentive to discourage consumption (e.g. petroleum products),
- (d) different prices/multi-tariffs to include discounts on purchases of larger volumes.

Post-1991 economic liberalization, industries in the 'core sector' are no more the exclusive preserve of the public sector. Consequently, a good many CPSEs have ceased to be monopolies and face competition in the market both from private players (within the country) and from imports. APM has been gradually dismantled in these sectors. Post 1991, there have been de-regulation of Indian Industries and CPSEs have been given freedom and flexibility to respond to market forces, attain growth and independence to fix the prices on their own.

There has been liberalization of industrial licensing policy which has opened up many sectors for private participation. In 2013-14, there were only two industries namely (i) Atomic Energy (production, separation, or enrichment of special fissionable materials and substances and operation of the facilities) and (ii) Part of Railways transport reserved for the public sector. Moreover, by order dated 22.8.2014, government has allowed further private participation in rail transport sector. Further, there is list of only 5 industries related

to security, strategic and environmental concerns where industrial licensing is required. Defence sector has also been opened up for private sectors, subject to licensing. In May, 2001, Defence Industry Sector, which was hitherto reserved for the public sector, was opened up to 100% for Indian private sector participation with FDI up to 26%, both subject to licensing. The Department of Defence Production prepares the 'defence products' list for licensing purposes under Industries (Development and Regulation) Act, 1951.

The Government, however, continues to be sensitive to the needs of the poor and the impact of rise in output prices in the core sector on the Whole Sale Price Index (WPI). Any rise in price levels of these products that is not acceptable to the Government is moderated through a combination of measures, such as, lowering of customs duties, excise and sales tax, administrative control on prices and grant of subsidies etc.

Since the late 1990s, moreover, the Government has come to rely increasingly on various price regulatory commissions/authorities for regulating prices in the best interests of both the consumers and the producers. The writ of these regulatory commissions extends to both the public sector and the private sector enterprises. The price regulatory commissions have been prescribing 'the tariff ceiling', which provides scope for competition. Prices are reviewed, from time to time, and are revised in the light of new technological possibilities and higher /lower input costs. The CPSEs have often played an eminent role in giving competition to the private players, and have brought down prices.

### 3.1 Pricing Strategy of CPSEs

3.1.1 Prices of 'manufactured products' and 'services' are observed to be determined by firms based on the average/marginal cost of production and the mark-up over and above the cost to accommodate profits. The margin of 'mark-up', in turn, depends on the competitiveness or the degree of monopoly and the elasticity of demand and brand value in the market. Given the elasticity of demand for the product, a monopolist is able to charge a higher mark-up compared to a competitive market scenario; the mark-up being the difference between the average revenue and the marginal cost per unit of output. The prices of 'primary commodities' like agricultural products and minerals, on the other hand, is determined by the market forces of demand and supply.

Coal India Ltd (for core sector), Indian Oil, ONGC, HPCL (for refined oil), Central Warehousing Corporation function largely under monopoly conditions. The Food Corporation of India, working under strong social objectives, makes market interventions in the foodgrains markets through support price policy for farmers and through public distribution system for consumers. The minimum support prices to farmers are arrived at on the basis of cost of cultivation and other specific factors rather than on demand and supply basis. FCI distributes foodgrains to vulnerable sections at subsidized prices. BHEL is the only CPSE manufacturing Main Plant Power Equipment in the Country. The company is operating in a competitive environment facing competition from number of domestic and foreign suppliers since late 1970s. Price is determined by BHEL based on the prevailing market price, expected competition, strategic considerations, project viability, lowest bid price etc.

In the international markets where CPSEs face a market characterized by greater competition, the price is primarily determined by the forces of demand and supply. Examples are CIL (for buyers other than core sectors), Indian Oil (for imported crude oil), SAIL, NMDC, NALCO, Hindustan Copper.

3.1.2 The prices of products of CPSEs which primarily face a monopsonistic market structure (where Government of India is the sole/primary buyer as in case of CPSEs like BEL, HAL, Mazagaon Dock Ltd, BEML, Electronics Corporation of India Ltd.) and face private competition are determined by controlled/ negotiated price or through the bidding route (in which case the CPSEs compete with private sector and foreign companies for their products).

3.1.3 The prices of products of Public Sector Enterprises operating in market conditions of monopolistic competition are determined by forces of demand and supply and the prices are competition based and competitively negotiated. Here, the pricing strategy is controlled competitive pricing. Some examples of CPSEs operating in such market structure are BEML, WAPCOS Ltd., NBCC, MECON, HMT, IDPL (for scheduled drugs), Hindustan Salts Limited, CCI.

3.1.4 CPSEs working under oligopolistic market structure like Air India, BSNL, MTNL, SAIL, NALCO, ITDC, HLL Life Care, where there is stiff competition from private companies, competition based pricing strategy is followed.

3.1.5 Besides market structures, a combination of factors comes into play in the determination of prices in the CPSEs. Exponential growth in markets such as the telecom sector have brought down the costs due to 'economies of scale'. Moreover, there are transaction costs, costs of fixed assets, externalities and access to information which has a bearing on the cost of the products of CPSEs. Given the aforesaid factors, the prices charged by CPSEs ranges from very subsidized price to full cost price, with many intermediate pricing solutions.

3.16 The paragraphs below briefly discuss the pricing system in respect of products in sectors where CPSEs are major players, and which touch the lives of a large majority of people.

## 3.2 Coal

The coal price has been completely deregulated w.e.f. 01.01.2000. After deregulation, Coal India Ltd. (CIL) has been fixing the prices for all the grades/ varieties of raw coal produced by its subsidiary companies including NEC. The prices are fixed by CIL after approval of its Board of Directors.

**3.2.1 Coal India Limited (CIL) policy on coal pricing:** There is no fixed time interval between two general coal price revisions and the prices of coal are fixed by CIL from time to time taking into consideration the following:

- The upward movement of AICPI and WPI;
- Capacity of the market to absorb the coal price;
- Demand and supply scenario of coal;
- Landed cost of imported coal;
- Requirement of fund for investment in upcoming projects and modernization of existing mines for augmentation of production;
- Financial viability of new coal projects.

**3.2.2 Pricing of Washed Coal:** The prices of washed coal (both coking and non-coking) and coal products like middlings, hard coke etc. are duly fixed by the concerned subsidiary companies as per their delegated authority. The prices of washed coking coal are fixed annually based on import parity price and cost of production.

**3.2.3 Pricing of Higher Grade Non-coking Coal :** The price for higher grades of Non-coking coal

i.e. GCV grade G1 to G5 for supply to both Regulated and Non-regulated section are fixed in line with the Integrated Energy Policy (IEP) of Govt. of India which provides that the high quality coking and non-coking coal which is exportable should be sold at export parity prices as determined by import price at the nearest port minus 15%.

**3.2.4 Dual Pricing :** In the price revision effective from 27.02.2011, for the first time the concept of dual pricing was introduced; one for consumers in the regulated sector (i.e. Power Utilities (including IPPs), Fertilizers and Defence) and another for consumer other than Power utilities including IPPs, Fertilizers and Defence (non-regulated sector). Since the price of end products of the coal consuming industries in the non-regulated sector are driven by demand and supply scenario, it was decided by CIL to fix the price of coal for non-regulated sector at a level which should be closer to the market price of coal and as such the prices of coking coal and lower grade (Grade G6 to G17) of non-coking coal for non-regulated sector are kept higher by 30% and 35% respectively over and above the price applicable for regulated sector. While power and fertilizer sectors in the country are operating in regulated regime and the cost advantages in generation/production, if any, are passed on to the consumers, other coal consuming sectors, including the sector under reference, are operating in a market driven pricing mechanism and therefore, have higher market absorption capacity.

Lower grades of coal contribute more than 80% of the total production of CIL. Major coal consuming sectors like power, cement, sponge iron etc. are being supplied coal in terms of the Fuel Supply Agreement. From the view point of business strategy, consuming sectors are segmented in line with price absorption capacity and size of the business. By virtue of business volume and commitment given for the off-take of lower grade of coal, power sector enjoys price advantage over other consuming sectors including the sector under reference.

**3.2.5** The basic objective of the pricing policy of CIL is to ensure generation of sufficient surplus after meeting its revenue requirement to facilitate financing of fresh investment with reasonable return. The policy takes into consideration the prevailing rate of inflation and other macro-economic indicators for price revisions from time to time to maintain the surplus at uniform level. The price is also guided by the market forces so that the landed cost



of domestic coal remains competitive vis-à-vis land cost of imported coal at different consuming points.

### 3.2.6 Trend of coal price in last five financial years is at Table 3.1.

**Table 3.1**

Financial year	Average price per tonne of coal (Net sales/Dispatch) ₹ per tonne.	Net sales (₹ in crore)	Offtake (raw coal) In Million tons
2010-11	1183	50233.59	424.50
2011-12	1441	62415.43	433.08
2012-13	1468	68302.74	465.18
2013-14	1459	68810.02	471.59
2014-15	1472	72014.62	489.38

**3.2.7 Lignite Pricing: Neyveli Lignite Corporation (NLC) policy on lignite pricing:** Lignite price is fixed

### 3.2.8 NLC: Trend of Lignite price in last 5 years is at Table 3.2.

**Table 3.2**

₹ per tonne.

Year	Mine I	Pooled price	Barsingsar Mine	e-auction Open sales price	WPI
2009-10	1002	1305	-	1325/1450/1630	132.50
2010-11	1074	1372	-	1630/2000	141.90
2011-12	1161	1494	777	1800/2000	168.00
2012-13	1256	1513	792	1800	186.70
2013-14	1362	1596	829	1700	189.70
CAGR	7.98%	5.16%	3.29%	6.43%	9.39%

3.2.9 No subsidy is given for Coal and Lignite Sector.

## 3.3 Petroleum and Gas

**3.3.1** The pricing of petroleum products was brought under Administered Price Mechanism (APM) effective July 1975 when the pricing of petroleum products was shifted from import parity principles to cost plus principles. As APM was found to be increasingly unsuitable for the long term growth and efficiency of oil industry, APM was dismantled w.e.f. 1st April 2002 and prices of all Petroleum Products except PDS Kerosene and Domestic LPG were made market determined. However, in view of the high increase in oil prices in the international market since 2004 onwards, the Government started controlling the retail selling prices of these sensitive petroleum products resulting in under-recoveries to the Public Sector Oil Marketing Companies (OMCs).

based on the cost plus pricing for internal transfer. Under e-auction, the price will vary based on market conditions. The e-auction lignite price is always higher than the cost plus pricing. The lignite price is fixed based on the guidelines issued by the Ministry of Coal. The guidelines for the tariff period 2009-14 cover the following:

- Capacity Utilization;
- Funding pattern – Debt Equity ratio;
- Capitalization;
- Depreciation;
- O&M Expenses;
- Working Capital ;
- Return on Equity, Interest & Income tax;
- Foreign Exchange Rate Variation;
- Royalty and Mine closure expenses.

### 3.3.2 Trend of International Oil Prices:

International prices of crude oil and petroleum products have remained highly volatile in the recent past. Indian basket of crude oil, which averaged about \$ 23/ bbl at the time of dismantling of APM in March 2002, averaged at \$105.52/bbl. per barrel during 2013-14. The prices of crude oil, after continuously being at the level of more than \$100/bbl for over three years, started falling sharply during the second half of 2014. As a result, the average price of Indian crude basket during 2014-15 was recorded at \$84.16/bbl whereas the same is at \$ 54.37/ bbl. during the current financial year (up to 31<sup>st</sup> October, 2015).

The trend in the international prices of crude oil and major petroleum products since 2010-11 is given in Table 3.3

**Table 3.3**

Period	Indian Basket Crude Oil	Petrol	Diesel	Kerosene	LPG
	\$/bbl.				\$/MT
2010-11	85.09	92.43	95.66	96.79	745.29
2011-12	111.89	121.60	125.38	125.99	899.42
2012-13	107.97	118.98	121.97	123.11	885.20
2013-14	105.52	114.31	119.41	118.80	880.49
2014-15	84.16	95.45	96.64	96.98	683.87
2015-16 (up to 31.10.15)	54.37	70.31	63.65	63.76	408.40

\*Composition of Indian Basket of Crude represents average of Oman & Dubai for sour grades and Brent (Dated) for sweet grade in the ratio of 72.28:27.72 during 2014-15.

### 3.3.3 Subsidy on PDS Kerosene and Domestic LPG:

Subsidy on PDS Kerosene and Domestic LPG, fixed effective 1.4.2002 under 'PDS Kerosene and Domestic LPG Subsidy Scheme, 2002', has been met from the fiscal budget. It has been fixed on a specified flat rate basis for each Depot/Bottling Plant based on the difference between the cost price and the issue price per selling unit in March 2002. The average subsidy during 2002-03 on PDS Kerosene was ₹ 2.45 per litre & on domestic LPG ₹ 67.75 per cylinder. The flat rate subsidy was

reduced by 1/3rd each year during 2003-04 and 2004-05. Since then the approved subsidy rate for Domestic LPG (Subsidized) and PDS Kerosene has been maintained at the 2004-05 level (i.e. 1/3rd of 2002-03 level), i.e. 82 paise per litre for PDS kerosene and ₹ 22.58/cylinder for domestic LPG till 2014-15.

The year-wise subsidy i.e. flat subsidy plus under-recovery which was available to the customers of PDS kerosene and domestic LPG, during the last 5 years, are at Tables 3.4 and 3.5:

**Table 3.4**  
**Per Unit & Total Subsidy Provided to Consumer on PDS Kerosene**

Year	Per Unit Subsidy (₹ /Litre)			Total subsidy amount (₹ in crore)		
	From Govt. Budget	By Oil Cos.	Total subsidy to consumers	From Govt. Budget	By Oil Cos.	Total subsidy to consumers
2010-11	0.82	17.39	18.21	931	19484	20415
2011-12	0.82	26.46	27.28	863	27352	28215
2012-13	0.82	31.16	31.98	741	29410	30151
2013-14	0.82	33.98	34.80	676	30574	31250
2014-15	0*	27.93	27.93	0*	24799	24799

\*Extension of Subsidy schemes for 2014-15 approved by Govt. However, no payment has been made in 2014-15.



**Table 3.5**  
**Per Unit & Total Subsidy Provided to Consumer on Subsidized Domestic LPG**

Year	Per Unit Subsidy (₹ /Cyl.)			Total subsidy amount (₹in crore)		
	From Govt. Budget	By Oil Cos.	Total subsidy to consumers	From Govt. Budget	By Oil Cos.	Total subsidy to consumers
2010-11	22.58	249.94	272.52	1974	21772	23746
2011-12	22.58	320.30	342.88	2137	29997	32134
2012-13	22.58	427.14	449.72	1989	39558	41547
2013-14	22.58	499.52	522.10	1904	46458	48362
2014-15	0*	409.72	409.72	0*	36580	36580

\*Extension of Subsidy schemes for 2014-15 approved by Govt. However, no payment has been made in 2014-15.

The said scheme has now lapsed effective 01-04-2015.

### 3.3.4 Freight Subsidy (for far flung areas)

Freight subsidy for supplies and sales of products in the notified far flung areas is provided for PDS Kerosene and Domestic LPG. The subsidy is being paid at 1/3rd level of the rates for 2002-03 since 2004-05. The actual payments released under notified scheme since 2010-11 are as under in Table 3.6:

**Table 3.6**

### Freight Subsidy provided on PDS Kerosene and Domestic LPG

Year	(₹in crore)
2010-11	22
2011-12	23
2012-13	23
2013-14	21
2014-15	23

The above subsidy schemes have lapsed effective 01-04-2015.

### 3.3.5 Petrol

The Government has made the price of Petrol market determined effective 26.6.2010. Since then, the OMCs take decision on price of petrol in line with changes in international market conditions and domestic conditions. The OMCs have not only increased but also decreased the price of Petrol in line with changes in international prices and rupee dollar exchange rate.

### 3.3.6 Diesel

Pursuant to the decision taken by the Cabinet Committee on Political Affairs (CCPA) in its meeting held

on 17th January 2013, the Government has authorized the OMCs to (a) increase the retail selling price of Diesel in the range of 40 paise to 50 paise per litre per month; and (b) sell Diesel to all consumers taking bulk supplies directly from the installations of the OMCs at the non-subsidized market determined price effective 18<sup>th</sup> January, 2013.

Effective 19<sup>th</sup> October 2014, the price of Diesel has been made market determined for all consumers. Since then, the OMCs are taking decision on price of Diesel in line with international prices and other relevant conditions and have revised the prices both upwards and downwards.

### 3.3.7 PDS Kerosene

The Government continues to modulate the retail selling prices of PDS Kerosene resulting in incurrence of under-recovery on its sale to OMCs. There is no revision in basic price of PDS Kerosene after June 2011. Based on the refinery gate price effective 1<sup>st</sup> November 2015, the OMCs are currently incurring under-recovery of ₹13.31/ Litre on PDS Kerosene.

### 3.3.8 Domestic LPG

On 13<sup>th</sup> September 2012, the Government decided to restrict the supply of subsidized LPG cylinders to each consumer to 6 cylinders (of 14.2 Kg) per annum which was subsequently increased to 9 cylinders effective from 17<sup>th</sup> January 2013. This limit has been further increased to 12 cylinders per annum to each household effective from 30<sup>th</sup> January 2014.

Effective 1st January 2015, the modified DBTL (PAHAL) scheme has been implemented in the entire country wherein consumers pay market linked price and the subsidy on Domestic LPG is being transferred to the eligible consumers directly to their bank accounts.

### 3.3.9 Under-recoveries of OMCs:

The oil companies incur under-recovery on sale of petroleum products by selling them at the price modulated

by the Government. The under-recovery incurred by oil marketing companies since 2010-11 is tabulated below in table 3.7:

**Table 3.7**  
**Under-recovery incurred on Sale of Regulated Petroleum Products**

(₹in crore)

Year	Petrol	Diesel	PDS Kerosene	Domestic LPG	Total Under-recoveries
2010-11	2,227*	34,706	19,484	21,772	78,190
2011-12	0	81,192	27,352	29,997	1,38,541
2012-13	0	92,061	29,410	39,558	1,61,029
2013-14	0	62,837	30,574	46,458	1,39,869
2014-15	0	10,935*	24,799	36,580	72,314

\*Under recovery on Petrol is up to 25.6.10 and on Diesel is up to 18.10.2014.

### 3.3.10 Burden Sharing

The under-recovery incurred by the OMCs have been partially compensated by the Government (through

cash assistance) and the upstream oil companies through price discounts to OMCs. The details of burden sharing by various stakeholders since 2010-11 are as under in Table 3.8:

**Table 3.8**  
**Under-recovery Burden Sharing**

(₹in crore)

Year	Total U/R	Government		Upstream Oil companies		OMCs	
		Amount	%	Amount	%	Amount	%
2010-11	78190	41000	52%	30297	39%	6893	9%
2011-12	138541	83500	60%	55000	39.7%	41	0.3%
2012-13	161029	100000	62%	60000	37%	1029	1%
2013-14	139869	70772	51%	67021	48%	2076	1%
2014-15	72314	27308	38%	42822	59%	2184	3%

## 3.4 Electric Power

The Electricity Regulatory Commissions Act was enacted in 1998 for creation of Regulatory Commissions at the Centre and in the States with the authority, inter-alia, to regulate/determine power tariffs. The Central Government accordingly created the Central Electricity Regulatory Commission (CERC) to regulate/determine power tariffs of CPSEs/inter-state companies engaged in generation and inter-state transmission companies. CERC also issues orders on Availability Based Tariff (ABT) for ensuring grid discipline.

### 3.4.1 Central Electricity Regulatory Commission (Terms and Conditions of Tariff) Regulations, 2014

The tariffs for the electricity supplied by CPSEs/inter-state generating companies for the period of 2014-19 are determined by the CERC as per the Central Electricity Regulatory Commission (Terms & Conditions of Tariff) Regulations, 2014.

Regulation 21 of the Tariff Regulations, 2014 describes the components of the annual fixed cost of a generating station for the purpose of determination of

tariff which are:

- Return on Equity
- Interest on loan capital
- Depreciation
- Interest on working capital
- Operation & Maintenance expenses
- Special allowances in lieu of R&M or separate compensation allowances, wherever applicable.

Regulation 22 of the Tariff Regulations 2014 describes the components of the variable cost of a generating station (excluding Hydro Power Projects) for the purpose of determination of tariff which are:

- Landed Fuel Cost of primary fuel; and
- Cost of secondary fuel oil consumption

3.4.2 The Important features of the Tariff Regulations, 2014 are as follows:

- **Return on Equity:**

Post tax Return on Equity (RoE) of 15.50% for thermal generating stations, transmission and run of river hydel generating stations and 16.50% for the storage type generating stations including pumped storage hydro generating stations with additional 0.5% return on equity for timely completion of projects or elements.

- **Treatment of Tax:**

The provision of grossing of ROE has been reintroduced to overcome perceived difficulties in implementing proposal. However, the tax rate for grossing up of RoE has been rationalized to protect the interest of beneficiary/consumers and has been linked with the Effective Tax Rate or Minimum Alternate Tax allowing pass through of benefit of 80LA etc.

The Commission recognized the deterioration in operational performance of generating stations in view of the current challenges of availability of fuel on sustained basis and has reduced the target availability level to 83% from the previous 85% to recover fixed charges and at the same time, re-introduced the incentive mechanism linked to target PLF for thermal generating stations.

- Regulatory philosophy of CERC has been to incentivize efficiency gains and to periodically pass the improvements to beneficiaries. Accordingly, to incentivize higher availability of transmission system, separate availability factor based on past performance of the transmission system has been

introduced for recovery of an incentive.

- The operational norms of thermal generating stations and transmission system have been rationalized on the basis of their past performance.
- The water charges of the generating stations have been allowed separately considering actual cost on case to case basis.
- In view of the shortage of domestic coal, flexibility for use of alternate source of fuel/imported coal has been allowed to the extent that the weighted average price of use of alternative source of fuel does not exceed 30% of the base price of coal or 20% of the energy charge rate based on the weighted average fuel price for the previous month, whichever is lower.

3.4.3 The final CERC (Terms and Conditions of Tariff) Regulation, 2014 came into effect from 1st April, 2014 and valid for five years ending on 31st March, 2019.

### 3.4.4 Renewable Energy Tariff:

The Central Electricity Regulatory Commission notified the CERC (Terms and Conditions for Tariff determination from Renewable Energy Sources) Regulations, 2012 and amendments to the same from time to time for determination of tariff from energy generated through renewable energy sources. Salient features of RE Tariff include -

- a. Regulatory support for a tariff period which provides for certainty to the project developer to meet their debt service obligations
  - i. 13 years in respect of wind, bio-mass, bagasse based cogeneration,
  - ii. 35 years for small hydro projects below 5 MW,
  - iii. 25 years for solar PV and solar thermal,
  - iv. 20 years for biomass gasifier and biogas based power projects.
- b. Five years control period for tariff principles
- c. Generic Tariff (single part tariff with two components) on levelised basis for fixed cost component while the fuel cost component shall be specified on year of operation basis. For the purpose of levelised tariff computation, the discount factor equivalent to post tax weighted average cost of capital.
- d. Debt to equity ratio of 70:30 has been specified.

Further, for RE projects where equity employed is more than 30% (in case of project specific tariff determination), the amount of equity for the purpose for determining the tariff shall be limited to 30% only whereas in case the equity employed is less than 30%, the actual equity employed shall be considered.

- e. Loan tenure of 12 years specified.

### 3.5 Steel

The Indian steel industry was one of the first few major sectors to be comprehensively deregulated as part of the general economic reforms. The erstwhile regime of controls was wholly dismantled in 1992 through the following policy changes:

- (a) Prices and distribution (with the exception of a few strategic areas like Small Scale Industries Corporation) were freed,
- (b) Trade barriers came down with reduction in tariff rates and removal of physical restrictions (canalizing and licensing) on imports and exports,
- (c) Freight ceilings replaced freight equalization,
- (d) FDI in Iron & Steel was allowed through the automatic route,
- (e) Technology imports were made easier, and
- (f) Capacity controls and reservation on the Blast Furnace-Basic Oxygen Furnace (BF- BOF) sectors were withdrawn.

As steel pricing was deregulated, prices came to be determined through competition in the market.

The selling prices of steel and steel products are, inter-alia, based on the following factors:

- (a) demand and supply position,
- (b) competitor pricing,
- (c) landed cost of imports,
- (d) levels of Inventory,
- (e) freight from producing point to consuming point,
- (f) market position for customers' end products.

### 3.6 Fertilizers

For sustained agriculture growth and to promote balanced nutrient application, it is imperative that fertilizers are made available to farmers at affordable

prices. Urea is the main nitrogenous fertilizer constituting about 60% of the total fertilizer consumption in the country. The market share of CPSEs in the area of fertilizers sector is a little more than 20%. Fertilizer is covered under statutory price and partial distribution control and is sold to the farmers at the notified sale price.

3.6.1 All varieties of fertilizers, except Urea removed from prices and distribution control in August 1992. The Government of India, however, indicated the Maximum Retail Price (MRP) in respect of major Phosphatic and Potassic (P&K) fertilizers namely, Di-ammonium Phosphate (DAP), Murate of Potash and 11 grades of complex fertilizers under the erstwhile Concession Scheme for decontrolled P&K fertilizers upto 31.3.2010. MRP of SSP which was earlier fixed by the respective State Government upto 30.4.2008 was fixed by the Government w.e.f. 1.5.2008 to 30.9.2009. W.e.f. 1.10.2009 to 30.4.2010, the MRP of SSP was made open to be fixed by SSP companies wherein a fixed amount of subsidy was provided on SSP under the erstwhile concession scheme. The indicative MRPs of decontrolled P&K fertilizers under the erstwhile Concession Scheme were less than the delivered cost of these fertilizers. The difference between delivered cost of production of P&K fertilizers and indicative MRP were paid as subsidy/concession to the manufacturers.

In the context of nation's food security, considering the declining response of the agriculture productivity to increased fertilizer usage in the country and in view to ensure the balanced application of fertilizers, the Government of India introduced Nutrient Based Subsidy (NBS) policy w.e.f. 1.4.2010 for decontrolled P&K fertilizers.

Under the NBS Policy, a fixed amount of subsidy, decided on annual basis is provided on each grade of P&K fertilizers depending upon its nutrients (N, P, K, S) content. MRP of P&K fertilizers are fixed by the fertilizer manufactures/importers. At present 22 grades of P&K fertilizers namely DAP, MAP, TSP, MOP, Ammonium Sulphate, SSP and 16 grades of NPKS complex fertilizers are covered under the NBS Policy.

The per KG subsidy on nutrients, namely Nitrogen (N), Phosphate (P), Potash (K) and sulphur (s) contained in P&K fertilizers covered under NBS Policy for the year 2014-15 w.e.f. 1<sup>st</sup> April 2014 shall be as under in Table 3.9:



**Table 3.9**

S. No.	Nutrients	NBS (₹Per KG of Nutrient)
1	N - Nitrogen	20.875
2	P – Phosphate	18.679
3	K – Potash	15.500
4	S - Sulphur	1.677

3.6.2 Per Metric Tonne subsidy on various grades of P&K fertilizers covered under NBS Policy shall be as under in Table 3.10:

**Table 3.10**

S. No.	Name of fertilizers (nutrient content)	Proposed NBS Rates for 2014-15 (₹/Pert MT)
1	DAP: 18-46-0-0	12350
2	MAP: 11-52-0-0	12009
3	TSP: 0-46-0-0	8592
4	MOP: 0-0-60-0	9300
5	NPS: 16-20-0-3	7294
6	NPS: 20-20-0-13	8129
7	NPK: 10-26-26-0	10974
8	NPK: 12-32-16	10962
9	NPK: 14-28-14	10323
10	NPK: 14-35-14	11630
11	NPK: 15-15-15	8258
12	AS: 20.6-0-0-23	4686
13	NNP: 28-28-0-0	11075
14	NPK: 17-17-17	9359
15	NPK: 19-19-19	10460
16	SSP 0-16-0-11	3173
17	NPK 16-16-16-0	8809
18	DAP lite (16-44-0-0)	11559
19	NPKS 15-15-15-09	8409
20	NP 24-24-0-0	9493
21	NP 20-20-0-0	7911
22	NPS 24:24-0-8	9493

- a. Any variant of the subsidized P&K fertilizers covered under NBS Policy and are fortified/coated with Boron and Zinc, as provided for under FCO, will continue to be eligible for subsidy. Such fortified/coated grades of fertilizers will attract an additional per ton subsidy to encourage their application along with primary nutrients as per the rates mentioned below in Table 3.11:

**Table 3.11**

S. No.	Nutrients for fortification as per FCO	Additional subsidy (₹/MT) for fortified/coated fertilizers
1	Boron (B)	300
2	Zinc (Zn)	500

- b. In order to monitor the MRPs of P&K fertilizers, the companies shall continue to submit the certified cost data as per the requirement and directions of DoF from time to time. The companies shall also report MRPs of P&K fertilizers regularly to DOF.
- c. The fertilizer companies are required to print Maximum Retail Price (MRP) along with applicable subsidy on the fertilizer bags clearly. Any sale above the printed MRP will be punishable under EC Act.
- d. The distribution and movement of fertilizers along with import of finished fertilizers, fertilizer inputs and production by indigenous units will continue to be monitored through the online web based "Fertilizer Monitoring System (FMS)/mobile FMS."
- e. 20% of the price decontrolled fertilizer produced/imported in India will continue to be in the Movement Control under the Essential Commodities Act 1955 (ECA). Department of Fertilizer will regulate the movement of these fertilizer to bridge the supplies in underserved areas.
- f. Manufacturers/Marketers/Importers of P&K fertilizers, including manufacturers of SSP, are to ensure that fertilizers are transported up to the retail point on F.O.R delivery basis.
- g. Manufacturers of customized fertilizer and mixture fertilizer will be eligible to source subsidized P&K fertilizer from the manufacturers/importers after their receipt in the districts as inputs for manufacturing customized fertilizer and mixture fertilizers for agricultural purpose. There would be no separate subsidy on sale of customized fertilizer and mixture fertilizers.
- h. The payment of subsidy to the manufacturers/importers of P&K fertilizers shall be released as per the procedure and terms and conditions mentioned in the Department Notification No. D (FA)/CCEA/2011 dated 25.10.2012 and as amended from time to time by the Department.
- i. The benefits to the manufacturers of &K fertilizer on account of use of cheaper domestic gas shall be mopped up for which separate guidelines shall be issued.

**Average Prices of P&K Fertilizers for the last five years are given in table 3.12**

**Table 3.12**

Average MRP

FG Name	2011-12	2012-13	2013-14	2014-15	2015-16 (Till Sep.)
Ammonium Sulphate	9228.56	8948.52	10156.06	12064.02	12768.95
DAP imported	17169.27	23577.66	21909.16	23389.87	24970.60
DAP Zinc			23005.96	24304.19	
Imported DAP Lite	16311.13	23149.94	19815.23		
Imported DAP Lite Group II	17056.96	21349.74	19143.00		
Imported MAP Lite	16774.98	18839.48	17619.43		
Imported NPK 10:26:26	15986.44	21389.92	17431.41	22430.52	22448.13
Imported NPK 12:32:16	13664.89	19734.27	14675.83		
Imported NPK 13:33:0:6	16270.54	17098.60	16998.68		
Imported NPK 15:15:15			5820.00		
Imported NPK 15:15:15:09	15282.53	15750.00	15375.00		18400.72
Imported NPK 16:16:16	15050.57		17048.13	17471.17	18478.52
Imported NPK 16:20:0:13	14211.44	17202.50	14501.17		
Imported NPK 20:20:0	13639.71	15764.07	14042.93	15928.40	16493.16
Imported NPK 20:20:0:13	14338.81	18705.09	16498.27	18211.10	18603.78
Indigenous DAP Group I	17232.43	23097.63	22533.25	23468.84	24564.05
Indigenous DAP Group II	16927.01	22898.14	22187.19	23649.97	25114.98
Indigenous DAP Lite	15039.17	20029.03	19355.71		
MAP Imported	19594.70	17435.00	19778.91		
MOP	11181.67	15767.76	15878.18	16565.37	16529.21
NPK 10:26:26 Group I	14713.15	21684.06	20191.43	22055.30	22694.54
NPK 10:26:26 Group II	14100.00		14100.00		
NPK 12:32:16 Group I	14760.89	21809.77	19697.23	22183.92	22556.77
NPK 12:32:16 Group II		22300.00	22300.00		
NPK 14:28:14 Group I	16277.63		17005.11		
NPK 14:35:14 Group I	14836.75	23166.44	22125.72	23523.30	24494.63
NPK 14:35:14 Group II	12191.24		11909.62		
NPK 15:15:15 (GAS) Group I	10533.98	15081.53	14640.05	17337.59	18181.35
NPK 15:15:15:0.2 (GAS) Group I	12000.00	16083.33	12585.71	16512.00	
NPK 15:15:15:09	12771.54	15000.00	15229.51	16800.15	
NPK 16:20:0 Group I	13650.51	17357.99	15074.41		
NPK 16:20:0 Group II		19470.44	19470.44		
NPK 16:20:0:13	13168.10	17547.21	16847.74	17989.48	18237.08
NPK 17:17:17 Group I		20426.71	19346.51	19851.82	22354.02
NPK 17:17:17 Group II	17254.54	19937.45	21543.63	22509.49	22521.36
NPK 19:19:19 Group I	18092.80	18257.79	20566.98	22437.20	23128.14
NPK 19:19:19 Group II	13826.26	20012.28	17924.47		
NPK 20:20:0.13:0.3	14258.66	17626.82	18959.19	19136.79	19185.25
NPK 20:20:0 (GAS)	12111.76	15850.99	15073.60	16637.10	17634.11
NPK 20:20:0 Group I	10908.67	15788.98	14731.48		
NPK 20:20:0 Group II	13343.15	15041.43	14504.55	16415.25	17336.28
NPK 20:20:0:13	13786.30	17017.58	16871.71	18078.42	18494.36
NPK 23:23:0 (GAS) Group I	14600.00		9310.48		
NPK 24:24:0	13845.70	16231.95	17650.67	18719.68	22451.29
NPK 24:24:0:8			19009.52	20871.84	22036.50
NPK 28:28:0 Group I	16527.21	23525.97	22235.08	23564.96	24476.85
NPK 28:28:0 Group II		14346.26	14346.26		
NPK Zinc 12:32:16				22089.62	
TSP	16947.37	17000.00	16347.13		

### 3.6.3 MRP of Urea

The MRP of urea is statutorily fixed by the Government of India and at present it is ₹5360/- per MT (exclusive of the central excise duty for the domestically produced urea, countervailing duty for the imported urea (which is 1% at present) and state VAT which differs from state to state). MRP also includes the following:

- (i) ₹180/MT for dealer margin for privates/PSUs or, ₹200/MT in case of Co-operatives.
- (ii) ₹50/MT is paid to retailers for acknowledging the receipt and reporting the stock as additional incentive in the retailer margin.

An extra MRP of 5 % (of ₹5360/- per MT) is charged by fertilizer manufacturing entities on Neem Coated Urea. Further, the Government of Uttar Pradesh and Gujarat have levied Additional VAT on natural gas used by urea plants situated in these states. Impact of this additional VAT is calculated per MT of urea on the quantity of urea sold in these states, separately for each state and is recovered from the farmers of these respective states by charging ₹ 940/- per MT and ₹ 300/- per MT respectively.

### 3.6.4 Payment of subsidy

The urea is sold at a Maximum Retail Price (MRP) statutorily fixed by the Government of India. The difference between the delivered cost of fertilizers at farm gate and net market realization by the urea units is given as subsidy to the urea manufacturer/importer by the Government of India.

### 3.6.5 Modified New Pricing Scheme (NPS)-III

With effect from 1<sup>st</sup> April 2015 to 31<sup>st</sup> May 2015, the urea units are entitled to get subsidy as per provisions of Modified New Pricing Scheme (NPS)-III issued on 2nd April, 2014.

### 3.6.6 New Urea Policy

The New Urea Policy-2015 (NUP-2015) has been notified by Department of Fertilizers on 25th May, 2015. NUP-2015, which is effective from 1<sup>st</sup> June, 2015, aims to achieve twin objectives of maximizing indigenous urea production and promoting energy efficiency in urea production and at the same time rationalizing subsidy burden on the government.

For production upto 100% re-assessed capacity

(RAC), the 25 gas based urea units (which also includes CPSUs, i.e. Thal&Trombay units of Rashtriya Chemicals & Fertilizers Limited and Panipat, Nangal, Bathinda, Vijaipur-I & Vijaipur-II units of National Fertilizers limited) are entitled to get total cost of production of urea, which includes fixed cost and variable cost as per provisions of New urea Policy -2015.

For production beyond the RAC, the units will be entitled for their respective variable cost applicable up to re-assessed capacity and a uniform per MT incentive equal to the lowest of the per MT fixed costs of all the indigenous urea units subject to import parity price plus weighted average of other incidental charges which the government incurs on the imported urea.

As per NUP – 2015, Namrup-II and Namrup-III units of BVFCL are proposed to be closed and a new high efficiency unit will be installed, which will be dealt separately under their restructuring proposal. Till then, these two units will function under the provisions of Modified NPS-III.

### 3.6.7 For Naphtha based urea units

As per Department of Fertilizers notification dated 17th June, 2015, Madras Fertilizers Limited- Manali (CPSU), Southern Petrochemicals Industries Corporation (SPIC) - Tuticorin and Mangalore Chemicals & Fertilizers Limited (MCFL), are entitled to get subsidy till gas availability and connectivity to these three units either by gas pipeline or by any other as per the following conditions :

- (i) These units will be eligible for subsidy on the basis of the revised energy norms from the date of notification, which would be the simple average of pre-set energy norms of New Pricing Scheme (NPS) – III and lowest yearly specific energy consumption achieved during the years 2011-12, 2012-13 and 2013-14 or the pre-set energy norms of NPS – III, whichever is lower.
- (ii) The concession rate for these plants will be determined notionally on the basis of weighted average of the delivered cost of RLNG to recently converted plants after deducting state taxes (VAT, Entry tax) on RLNG or the cost of production of urea from Naphtha/FO after deducting state taxes levied on Naphtha/FO consumed for urea production (VAT, Entry tax)



on Naphtha/FO, whichever is lower.

- (iii) The compensation for other variable cost e.g. the cost of bag, water charges & electricity charges and fixed cost will be determined in accordance with existing provisions of NPS – III and Modified NPS – III.

### 3.6.8 Policy for uniform freight subsidy on urea under the fertilizer subsidy regime

Fertilizer subsidy is provided by the Government with the objective of ensuring timely availability of fertilizers to farmers at affordable prices. The aforesaid twin objectives stand fulfilled only if the fertilizers are easily available, especially during the peak demand period, in all parts of the country. Freight for urea has been always driven by considerations of serving the farming population at large including those in remote and hilly areas. Being essential commodity, efficient distribution of urea can add to the efficiency of the manufacturing unit.

Department of Fertilizers had notified the policy on 17<sup>th</sup> July, 2008, the salient features of which are as follows:

- (i) The rail freight expenditure for transportation of fertilizers will be paid as per the actual expenditure based on actual lead.
- (ii) The road freight towards transportation of fertilizers from nearest railway rake point to block, or from manufacturing unit/port directly by road to block, consists of two elements-Lead distances and per KM rate. This element of subsidy be paid as below:
  - a. The lead distance for each block in the district will be based on average district lead (average of leads from nearest rail rake port to block headquarter)
  - b. The per KM road freight will be paid on the basis of average of existing per KM rate for each state in the country, being adopted by FICC for reimbursement of freight subsidy for indigenous urea under NPS-III.
- (iii) The normative per KM rate will be annually escalated/de-escalated based on a composite road transport index (weighted average of the

WPIs of HSD Oil, Motor tyres, Truck chassis and All commodities) as being done under NPS-III.

- (iv) The manufacturing units (especially the SSP units) not having railway siding facilities will also be reimbursed the road transportation costs from their unit to the nearest rake point based on actual leads and the per tonne per KM rate, as computed in paras above.
- (v) The freight subsidy will be paid on actual movement of fertilizers up to the block level based on monthly district –wise /block movement plans. The subsidy will be released only after the fertilizers reach the district/block as per the monthly plan.
- (vi) The special freight re-imbursement scheme for J&K and North Eastern states stands withdrawn as the freight will be now based on actual leads.

Further based on the recommendations of Tariff Commission, the Government had issued a notification on 1<sup>st</sup> September, 2011 notifying the district wise revised road transportation rates for urea dispatches by all the units with effect from 1<sup>st</sup> April, 2008. It was decided that these rates will be escalated by WPI (composite road transport index) every year. Accordingly, Department of Fertilizers has notified normative PTPK rates based on the Tariff Commission recommendations and escalated on the basis of the composite road transport index for the years 2010-11 and 2011-12 on 18<sup>th</sup> March, 2014 and for the years 2012-13 and 2013-14 on 18<sup>th</sup> September, 2014.

### 3.7 Telecommunications

3.7.1 The Telecom Regulatory Authority of India (TRAI) regulates telecom services including fixation/revision of tariffs for telecom services. The recommendations and orders issued by TRAI are binding on all Telecom Operators including BSNL/MTNL. Various directions orders and regulations are issued by TRAI on pricing of products and services which are available on TRAI website.

3.7.2. The providers of telephone services are free to offer various tariffs loans to their subscribers. These plans may vary substantially in terms of the combinations of monthly fixed charges, call/ data/SMS charges and free

allowances. These tariffs, however, have to be consistent with the regulatory principles of non-discrimination and non-predation, and in compliance of the prescribed Interconnection Usage Charges (IUC).

3.7.3. Intense competition has compelled all telecom operators to offer local and STD calls/SMS/ Data rates at rock bottom prices. Further, the implementation of Mobile Number Portability (MNP) encouraged the telecom service providers to introduce innovative tariff offers to attract subscribers from other telecom service providers, and also to come up with lower tariff rates and other attractive packages.

3.7.4. The pricing policy of BSNL and MTNL is competition based pricing. Prices of products and services are determined as per market trends. Differential pricing strategy is also followed which offers discounts for volume purchases and bundle products and services.

### 3.8 Civil Aviation

#### 3.8.1 PAWAN HANS HELICOPTER LIMITED

a) **Competition based pricing:** For a majority of Contracts for helicopter services, Pawan Hans Helicopters limited has to engage in competitive domestic and global bidding. Most business in offshore Oil and Gas E&P sector and State/Central Govt. leases (for onshore services) are secured in such a manner. In such cases prices are driven by competitive market dynamics in order to secure long-term contracts under Tender bidding.

b) **Cost Plus Pricing :** For a small proportion of works, Pawan Hans Helicopters Limited, based on customer request and (or) agreement provides this kind of pricing subject to discussion and negotiation on final price. Such method is allowed for Contracts awarded on nomination basis, if any.

#### 3.8.2 AIRPORT AUTHORITY OF INDIA LTD.

(i) AAI levies fees/charges in respect of various services/facilities provided under two broad categories namely Regulated Services (Traffic Revenue) and Non-Regulated Services (Non-Traffic Revenue)

##### A. Regulated Services:

- 1 (a) Airport Navigational Services:
  - I) Route Navigational Facility Charges (RNFC)
  - II) Terminal Navigational Landing Charges (TNLC)

##### 1 (b) Airport Services:

- I. Landing Charges
- II. Parking & Housing Charges
- III. PSF (Passenger Service Fees)
- IV. UDF (User Development Fees)
- V. Cargo.
- VI. CUTE Charges
- VII. Ground Handling Services

##### B. Revenue from other than Regulated Services (Non Aeronautical Revenue):

- I) Public Admission Fess
- II) Trading Concessions
- III) Rent and Services
- IV) Car Parking
- V) Duty Free Shops

##### (ii) Basis of Tariff Determination:

##### I. Major Airports:

Airport Economic Regulatory Authority of India (AERA) is the economic regulator in respect of regulated services for Major Airports (Airports with annual passenger throughput more than 1.5 million is notified as Major Airport) and for other airports Ministry of Civil Aviation (MOCA) is the regulator.

AERA has laid down the regulatory framework for regulation of Airport Services i.e. Landing, Parking & Housing of an aircraft and other Ground facility offered in connection with aircraft operation at Major Airport. Tariff is fixed as per Aggregate Revenue Requirement (ARR) concept wherein Fair Rate of Return (FRoR) on Regulatory Assets Base (RAB), Operational expenditure, Depreciation and Tax are considered. However, AERA has not formulated regulatory framework for Air Navigational Services (RNFA & TNLC) and Non-Regulated Revenue, so far.

##### II. Other than Major Airports:

In respect of other than major airports, the tariff is decided on the principle of cost recovery & other guidelines as laid down by the International Civil Aviation Organisation (ICAO) on airport charges. The charges are levied with the approval of Central Govt. The Pricing Policies for Non-Major Airports will further be fixed based on the new draft Civil Aviation Policy

### iii) Concessions / Discount / Exemption for Airport Services:

I) AAI is giving various concessions / discounts / exemptions for a Air Navigation Services (RNFC & TNLC). Landing, Parking including Night Parking Charges.

II) Exemption levy and collection from UDF / PSF at airports for children (under the age of 2), persons of Indian Armed Forces on official duty and United Nations peace Keeping Missions, Airlines Crew on duty etc.

### 3.8.3 AIR INDIA LIMITED

Air fares are deregulated. Under the provision of Sub Rule (1) of Rule 135, Aircraft Rules 1937, airlines are free to fix reasonable tariff having regard to all relevant factors, including the cost of operation, characteristics of services, reasonable profit and the generally prevailing tariff.

All fares offered by Air India are transparent, published fares, multi-level with given validity. The factors that play role in price determination both in the domestic and international arena include market considerations such as fares offered by the competitors, seasonality, product features like frequency, timings, direct/indirect operations customer segmentation etc.

The domestic fares are offered from low level advance purchase fares (90 days and more in advance, 60 days advance, 30 days advance, 14 days advance, 7 days advance and 2 days advance) and move on to instant levels closer to departure. Fares also include – APEX & Instant, Link, Return, LTC and Islander as also Tactical during short terms promotional period.

DGCA have various CAR (Civil Aviation Regulations) and mandated the airlines on the transparency in display of air fares and publishing of tariff. Domestic Fares of Air India are uploaded on the website [www.airindia.in](http://www.airindia.in) also filed with regulator, DGCA every month. Any change is promptly notified and updated.

### 1.8 Pharmaceuticals

As per the Pharmaceuticals Purchase Policy (PPP), which has been approved by Union Cabinet on 30.10.2013

for 103 products for a period of five years from the date of issue of the order by Department of Pharmaceuticals (DoP), pricing of the drugs will be done by National Pharmaceutical Pricing Authority (NPPA) using the cost based formula as mentioned in the Drugs Price Control Order (DPCO) 1995 with a uniform discount of 16% extended to all the products. All the taxes whatsoever shall be passed on to buyers. The prices so approved by NPPA / DoP shall be subject to annual revision, linked to whole sale price index as per provisions contained in DPCO 2013.

### 3.10 Agriculture Products

#### 3.10.1 Outputs: Wheat & Paddy

The Food Corporation of India (FCI) has been intervening in the food grains market through price support policy for farmers and through the public distribution system for consumers. Price support policy is implemented by the FCI primarily in regard to wheat and paddy. The two main objectives of this market intervention are (a) to protect the farmers from volatility in grain markets, and (b) to correct the trade bias against agriculture vis-à-vis other sector of the economy.

The initial recommendation in regard to procurement price is made by the Commission on Agricultural Costs and Prices (CACP) in the Ministry of Agriculture, Government of India. These prices are arrived at on the basis of cost of cultivation and several other specified factors rather than on demand- supply basis.

The distribution of food grains to the vulnerable sections of the population by FCI is done at Central Issue Price (CIP). Despite increase in the Minimum Support Prices for both wheat and paddy in successive years, there has been no revision of CIP of food grains (wheat and rice) for Below the Poverty Level (BPL) population, Above the Poverty Level (APL) population and for Antyodaya Anna Yojana (AAY) since July 1, 2002, which are as given below:-

**Table 3.13**  
**Central Issue Price of foodgrains**

(₹Per quintal)

Effective from	Foodgrains wise	Scheme-wise		
		BPL	APL	AAY
1.7.2002 to till date	Wheat	415	610	200
1.7.2002 to till date	Rice	565	830	300
KMS 2008-09 to till date	Coarse grains	₹4.50 per kg.	₹3.00 per kg.	₹1.50 per kg.

Under the National Food Security Act, 2013 the foodgrains are to be supplied at the following rates:

- Rice - ₹3/-Kg.
- Wheat - ₹2/- Kg
- Coarse grain - ₹1/- Kg.

### 3.10.2 Inputs:HYVSeeds

After amalgamation of State Farms Corporation of India (SFCI) with National Seeds Corporation (NSC), NSC is engaged in production of quality high yield (HYV) seeds. The Government has not issued any direction to the CPSE on fixation of price of seeds, which are generally determined by market forces. NSC is engaged mainly in production of high volume of low cost seeds of cereals, pulses and oilseeds and has been striving to make quality seeds available to Indian farmers at affordable prices to ensure national food security.

NSC is facing stiff competition from large companies as well as small companies in the segment of its product range. Government has left it entirely to the CPSEs to fix prices of their products, allowing them the freedom to maintain a balance between social objectives and commercial viability.

Seed pricing comprise of two stages i.e. (i) seed production/procurement (ii) seed sale. Bulk of seed production, both foundation and certified, is largely arranged through regular registered contracts with seed growers. For finalizing the sale price of seed, the main factors taken into account are:

### 3.10.3 Production Procurement :

- a) The procurement / purchase price (procurement price is fixed on the basis of MSP plus incentive or Average of Highest Mandi Prices plus incentives for cleaned, graded and laboratory test passed seeds. (AT Actual).
- b) Processing cost.

- c) Packing and treatment material cost.
- d) Interest component of advance payment made to seed growers (@ 11% per annum for 6 months on production center cost).
- e) Carriage outwards.
- f) Storage @ ₹ 3/ql. For 6 months.
- g) Overheads : - cereals (₹ 150/ql.), pulses & maize (₹ 400-600/ql.), oilseeds (₹ 600/ql.), Vegetable seeds (20% of the production center cost), fodder & fiber (5% of production center cost).
- h) Selling expenses.

The aggregate of the above works out the Total effective cost for NSC.

### 3.10.4 Selling Price Calculation :-

Dealers discount @ 12.5% and a little to margin of about 5-10% for NSC, depending upon market completion is added to work out sale price of the seed for sale.

There are no Govt. directions but being Central Govt. Enterprises, working for the welfare of the farmers, the policy of making available seeds to farmers at the economic / competitive price is being maintained.

Subsidy is allowed by Govt. of India to the farmers under two major schemes. NSC sells the seed as per the directions of the Govt. of India through direct benefit transfer scheme and claims reimbursement of the subsidy components thereafter from concerned Govt.

- a) National Mission on Oilseeds & Oil palm (NMOOP):- The subsidy component; 50% of the seed cost or ₹ 1200/ql. Whichever is less is applicable on seeds of Oilseed varieties which are less than 10 years old, subject to quantity allocation by MOA&FW, GOI and the set guidelines.
- b) National Food Security Mission:- Subsidy is applicable 50% of seed cost for seed varieties less than 10 years old, subject to quantity allocation by State Govts. And the set guidelines. The details of subsidy as per GOI's scheme are as under in Table 3.14:

**Table 3.14**

Pulses (less than 10 years old varieties)	50% of seed cost or ₹ 2500/qtl. whichever is less
Cereals (wheat & paddy) (less than 10years old varieties)	₹ 1000/qtl. Only.
Coarse Cereals (sorghum, Bajra) (less thn 10 yrsrs old varieties)	50% of seed cost or ₹ 1500/qtl. whichever is less

**Products under Administered:-** There is no Administered Price Mechanisum (APM) from Govt. of India in respect of the seeds dealt by NSC. The comparative sale prices for last 5 years is given in Table 3.15:

**Table 3.15**

Average General Sale Price (₹ /Qtl.) of Certified Seeds during the years 2010-11 to 2014-15

Sl.No.	Crop	2010-11	2011-12	2012-13	2013-14	2014-15
	<b>Cereal</b>					
1	Wheat	2180.44	2302	2418	2747	2825
2	Paddy	2261.11	2445	3336	2650	2899
3	Maize	5669.04	6993	7102	10087	9878
4	Sorghum	3102.13	4169	5123	4403	5037
	<b>Pulses</b>					
1	Greengram	8816.09	8960	8911	9093	10470
2	Blackgram	6481.16	6537	6895	7617	8203
3	Redgram	5920.28	6313	6256	7240	8201
4	P.Cowpea	3351.84	5894	6085	7417	7512
5	P.Peas	3337.36	3946	5202	5493	6119
6	Gram	2796.41	4512	7833	5484	5229
7	Lentil	5606.48	5259	6858	7051	7972
	<b>OILSEEDS</b>					
1	Soyabean	4116.73	3620	4969	5361	7414
2	Groundnut	4005.13	5416	5443	6593	5370
3	Mustard	3858.84	4814	5816	5331	5229
4	Toria	4635.91	4473	5922	6160	5229
	<b>FODDER</b>					
1	Sorghum	3651.57	3397	3688	4135	4975
2	Cowpea		6900	8000	8750	9120
3	Maize	4602.07	3970	4262	4556	4615
	<b>GREEN MANURE</b>					
1	Daincha	4812.46	4472	3955	4823	3863
2	Sunhemp	2027.94	2095	5470	7191	6066
	<b>FIBRE</b>					
1	Jute	12891.30	6142	6418	9029	9500

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## Chapter 4

### Productivity in Public Enterprises

The Central Public Sector Enterprises (CPSEs) are technologically complex identities involving large scale production. CPSEs in the industrial sector, manufacturing, mining and electricity, in particular, are capital intensive and are characterized by higher productivity per unit of input/hour. Productivity is, however, influenced by both endogenous and exogenous factors. While endogenous factors comprise of higher technology, quality of labour, scale of output and good management practices, the exogenous factors comprise of interest rates, tax policies, infrastructure facilities, weather conditions, law and order condition and the overall state of the economy.

Productivity, in turn, is the measure of efficiency in use of resources (or inputs) in the production of various good and services. A comparison with the peer group or a historical comparison brings out the trend in productivity i.e. the improvement/deterioration in condition during the period under consideration. Some of the important indicators used for assessing 'productivity' are capacity utilization, inventory in relation to sales and energy use in the enterprise. The paragraphs below discuss each of these in relation to CPSEs.

#### 4.1 Capacity Utilization

Capacity utilization in these reports have been measured based on the installed/rated capacity. Wherever installed/rated capacity is not available for various reasons, the assessment of the management vis-à-vis capacity utilization in the enterprises has been accepted. In the case of multiple product units, capacity utilization has been worked out with reference to major products.

The detailed enterprises-wise statement, indicating the unit-wise capacity utilization for major products during the last three years is given in the section on Statements & Appendices at the end of this Volume (Statement No. 18). The paragraphs below discuss enterprise-wise rated capacity and extent of utilization of some of the CPSEs under the various cognate groups.

##### 4.1.1 IRON & STEEL

The Information on capacity utilization for the last three years in respect of three CPSEs is presented in the Table below:-

**Table 4.1.1**

Sl. No	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilization (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Steel Authority of India Limited	Saleable Steel	11.12 ml.t	115	116	110
2	Ferro Scrap Nigam Ltd.	Handling, Recovery & Processing of Scrap	11.74 lakh MT	96.34	95.83	93.61
3	Rashtriya Ispat Nigam Ltd	Saleable steel	2656,000 tonnes	97	112	109
		Bars	710,000 tonnes	110	123	122
		Wire rods	850,000 tonnes	104	117	114
		MMSM	850,000 tonnes	97	110	103

(MT – Metric Tonne; ml.t – Million Tonne)

- Steel Authority of India Limited produced 12.84 Million Tonnes of Saleable Steel during 2014-15 as against the production of 12.88 Million Tonnes of Saleable Steel during the previous year.
- Ferro Scrap Nigam Limited processed 11.31 Lakh M.T. of scrap during 2014-15 as against the 11.25 Lakh M.T. during the previous year.
- RashtriyaIspat Nigam Limited produced 3,017,083 Tonnes of Saleable Steel, 782,472 Tonnes of Bar Products, 955,328 Tonnes of Wire Rods and 826,384 Tonnes of MMSM (Medium Merchant & Structural

Mill) Products during 2014-15 as against the production of 3,016,068 Tonnes of Saleable Steel, 873,845 Tonnes of Bar Products, 997,710 Tonnes of Wire Rods and 938,777 Tonnes of MMSM Products during the previous year. The operations of the company were affected during the year 2014-15 due to impact of cyclone “Hudhud”.

#### 4.1.2 MINERALS AND METALS

The information in respect of four CPSEs is presented in the Table below: -

**Table 4.1.2**

SI.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Indian Rare Earths Ltd.	OSCOM Unit	2,54,400 Tonne	95	70	87
		MK Unit	1,13,500 Tonne	42	34	42
		Chavara Unit	2,35,900 Tonne	16	17	13
2	KIOCL Limited	Pellets	3.5 Million Tonne	22.4	49	36
3	FCI Aravali Gypsum & Minerals Ltd	Gypsum	1075000 MT	95.48	78.33	92.83
4	National Aluminium Corporation Ltd	Aluminium	460000 MT	71.10	68.80	87.69
		Alumina Hydrate	2275000 MT	81.36	91.67	85.81
		Bauxite	6825000 MT	84.09	99.88	86.02
		Thermal Power	1200 MW	64.36	62.06	78.81
		Wind Power - I	50.4 MW	26.03	26.19	13.80
		Wind Power - II	47.6 MW	15.84	14.24	-

(MT – Metric Tonne, MU – Million Units, MW- Mega Watt)

- Indian Rare Earths Ltd. produced 2,52,976 Tonne Ilmenite, 9,501 Tonne rutile and 10,673 Tonne zircon during the year 2014-15. The corresponding figures for the previous year were 2,08,054 Tonne, 7,879 Tonne and 8,779 Tonne respectively. Production in MK Unit and Chavara Unit was affected due to feed shortage, low HM content in feed and non-availability of mineable land.
- KIOCL Limited produced 0.785 million tonne of iron ore pellets during 2014-15 as compared to 1.710 million tonne in 2013-14.
- FCI Aravali Gypsum & Minerals India Limited produced 1026379 MT of Gypsum during 2014-15 as compared to 802908 MT of Gypsum in 2013-14.
- NALCO produced 327070 MT of Aluminium, 1851000 MT of Alumina Hydrate, 5739120 MT of Bauxite, 5131 MU of Thermal Power during 2014-15 as compared to 316492 MT of Aluminium, 1925000 MT of Alumina Hydrate, 6292677 MT of Bauxite and 4989 MU of Thermal Power in 2013-14.



### 4.1.3 COAL AND LIGNITE

The information on capacity utilization for the last three years in respect of six CPSEs is presented in the Table below:-

**Table 4.1.3**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Coal India Limited	Coal	572.35 MT	86.35	90.60	95.06
2	Mahanadi Coalfields Limited	Coal	N.A.	N.A.	N.A.	N.A.
3	Central Coalfields Ltd.	Coal	96.83 MT	N.A.	N.A.	N.A.
4	Eastern Coalfields Ltd.	Coal	391.15 LT	130.77	118.96	129.90
5	South Eastern Coalfields Ltd.	Coal	135.943 MT	94	99	104
6	Western Coalfields Ltd.	Coal	39.592 MT	103.93	93.25	99.74

(MT- Million Tonne, LT- Lakh Tonne)

- Coal India Limited produced 494.24 MT of coal in 2014-15 as compared to 462.41 MT in the previous year.
- Mahanadi Coalfields Limited produced 121.38 MT of coal during the year 2014-15 as compared to 110.44 MT in the previous year.
- Central Coalfields Limited produced 56 MT of Coal during the year 2014-15 as compared to 50 MT in the previous year.
- Eastern Coalfields Limited produced 400.06 LT of Coal during the year 2014-15 as compared to 360.46 LT in the previous year.
- South Eastern Coalfields Limited produced 128.28 MT of Coal during the year 2014-15 as compared 124.26 MT during the previous year.
- Western Coalfields Limited produced 41.147 MT of Coal during the year 2014-15 as compared to 39.729 MT during the previous year.

### 4.1.4 ELECTRICITY

The information in respect of eight CPSEs for the last three years is given in the Table below :-

**Table 4.1.4**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	NTPC Limited	Electricity	37692 MW	80.23	81.05	83.08
2	NHDC Limited	Electrical Energy	1520 MW	N.A.	N.A.	N.A.
3	North Eastern Electric Power Corp. Ltd.	Electricity	1130 MW	78.65	82.50	84.70
4	Nuclear Power Corporation of India	Electrical Power	5680 MW	82	83	80
5	NHPC Limited	Electricity	4961.2 MU	77.3	77.7	85.3
6	SJVN Limited	Electricity	1912 MW	N.A.	N.A.	N.A.
7	THDC India Ltd.	Electricity	1400 MW	76	79	78
8	Neyveli Lignite Corporation Limited	Power	24027 MU	82.11	83.28	82.92

(MU – Million Units; MW – Mega Watts)

- NTPC Limited generated 241262 Million Units of Electricity during 2014-15 as against 233284 Million Units during the previous year.
- NHDC Limited generated 3690 Million Units of Electrical Energy during 2014-15 as against 5712 Million Units during the previous year. It has been mentioned that Omkareshwar Power Station is being operated at 440 MW as against installed capacity of 520 MW at restricted reservoir level.
- North Eastern Electric Power Corporation Ltd. generated 4355 Million Units of Electricity during 2014-15 as compared to 4568 Million Units in the previous year. Generation in 2013-14 is higher than the previous year mainly due to additional generation from new unit, i.e. KKNPP-1 which commenced commercial operations from December 31, 2014.
- Nuclear Power Corporation of India Ltd. generated 37835 Million Units of Electrical Power during 2014-15 as compared to 35333 Million Units in the previous year.
- SJVN Limited generated 7192 MU of electricity during the year 2014-15 as compared to 6778 MU during the previous year.
- NHPC Limited generated 22038 Million Units of Electricity during 2014-15 as compared to 18336 Million Units in the previous year.
- THDC India Limited generated 4214 Million Units of Electricity during 2014-15 as compared to 5582 Million Units in the previous year.
- Neyveli Lignite Corporation Limited generated 19729 MU of power during the year 2014-15 as compared to 19988 MU during the previous year.

#### 4.1.5 PETROLEUM

The information in respect of four CPSEs for the last three years is given in the Table below : -

**Table: 4.1.5**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	GAIL (India) Limited	LPG	1112373 MT	93	92	97
		Propane	201085 MT	58	67	64
		Pentane	73545 MT	31	29	28
		Naptha	127773 MT	77	94	116
		Poly Ethylene	410000 MT	110	107	108
2	Mangalore Refinery and Petrochemicals Ltd.	Crude Processing	15 MMT	97.65	96.98	105.75
3	Bharat Petroleum Corporation Ltd.	Fuel Refinery	21.50 MMT	108.65	108.60	107.91
		Aromatics –Benzene	192,900 MT	40.47	19.21	26.19
		Aromatics –Toulene	73,100 MT	34.49	23.12	28.95
		Lubricants	248434 MT	115.78	103.90	102.19
		Sulphur	1177667 MT	79.13	78.57	78.25
4	Indian Oil Corporation Limited	Crude	54200 TMT	98.9	98	100.8

(KL – Kilo Liter, TMT – Thousand Metric Tonne; MMT – Million Metric Tonne; MT – Metric Tonne, Qtls – Quintals; MMSCMD – Million Metric Standard Cubic Meter per Day; MMTA – Million Metric Tonne per Annum)

- GAIL (India) Ltd. Produced 1039494 MT of LPG, 115808 MT of Propane, 22758 MT of Pentane, 98745 MT of Naptha and 451625 MT of poly ethylene as compared to 1026543 MT of LPG, 134111 MT of Propane, 21670 MT of Pentane, 119713 MT of Naptha and 440155 MT of Poly Ethylene during the previous year.
- During 2014-15, Mangalore Refinery and Petrochemicals Ltd. processed 14.65 MMT crude as compared to 14.55 MMT in previous year.
- During 2014-15, Bharat Petroleum Corporation Ltd. produced 23.36 MMT of Fuel Refinery, 78064 MT of Aromatics-Benzene, 25215 MT of

Aromatics-Toluene, 287649 MT of Lubricants and 93105 MT of Sulphur as compared to 23.35 MMT, 37057 MT, 16503 MT, 258112 MT and 92446 MT respectively in previous year.

- Indian Oil Corporation Limited processed 53585 TMT of crude during the year as compared to 53126 in the year 2013-14. The company also produced 24040 TMT of High Speed Diesel, 3919 TMT of Kerosene Oil, 6422 TMT of Motor Spirit, 2225 TMT of LPG and 2336 TMT of Aviation Turbine Fuel as compared to 23466 TMT, 4007 TMT, 5770 TMT, 2089 TMT and 2510 TMT respectively in the previous year.

#### 4.1.6 FERTILIZERS

The capacity utilization by the four CPSEs during the last 3 years is given in the Table below:-

**Table 4.1.6**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2013-12	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Brahmaputra Valley Fertilizer Corporation Ltd.	Urea	510000 MT	70	60	77
2	Madras Fertilizers Ltd.	Ammonia	346500 MT	56.82	82.52	75.27
		Urea	486750 MT	67.37	100	89.53
		Complex Fertilizers	840000 MT	8.84	5.34	11.92
		Bio Fertilizers	400 MT	87.25	36.75	94.50
3	National Fertilizers Ltd.	Urea	3568000 MT	101.98	101.92	91.90
4	Rashtriya Chemicals & Fertilizers Ltd.	Urea	2330000 MT	111.65	100.71	104.00
		Suphala (15:15:15)	420000 MT	94.48	79.36	113.02
		Suphala (20:20:0)	270000 MT	96.49	68.19	50.12
		Ammonia	1155000 MT	115.97	103.82	104.36

(MT – Metric Tonne)

- Brahmaputra Valley Fertilizer Corporation Ltd. Produced 359003 MT of urea during 2014-15 as against the production of 306071 MT during the previous year.
- Madras Fertilizers Ltd. produced 1.97 lakh MT ammonia, 3.28 lakh MT urea, 74272 MT of Complex Fertilizers and 349 MT of Bio-fertilizers during 2014-15. The corresponding production figures for the previous year were

2.86 lakh MT ammonia, 4.87 lakh MT urea, 44860 MT of Complex fertilizers and 147 MT of Bio-fertilizers.

- National Fertilizers Ltd. produced 36.38 lakh MT of urea during 2014-15 as against the production of 36.36 lakh MT during the previous year.

- Rashtriya Chemicals & Fertilizers Ltd. produced 2601490 MT of urea, 396810 MT of Suphala (15:15:15), 260520 MT of Suphala (20:20:0) and 1339430 of Ammonia during 2014-15 as against the production of 2346710 MT of urea, 333295 MT of Suphala (15:15:15), 184125 MT of Suphala (20:20:0) and 1199070 of Ammonia during the previous year.

#### 4.1.7 CHEMICALS AND PHARMACEUTICALS

The details of capacity utilization in respect of four CPSEs are given below:-

**Table 4.1.7**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Hindustan Antibiotics Limited.	Tablets	24 crore	1.58	6.09	24.60
		Vials	9 crore	4.42	14.08	22.61
		Capsules	25 crore	1.36	5.10	25.71
		I.V. Fluids	1.20 crore	4.56	11.35	40.10
		Agrochem	0.72 crore	53.89	50.54	46.22
2	Hindustan Fluorocarbons Ltd.	CFM-22	1265 MT	88	86	82
		PTFE	500 MT	21	36	30
3	Hindustan Organic Chemicals Ltd.	Phenol	40000 MT	25	27	61
		Acetone	24640 MT	25	27	62
		Hydrogen Peroxide	10450 MT	77	87	86
		Nitrogen Tetroxide	600 MT	22	11	10
		Nitrobenzene	27000 MT	4	4	62
4	Karnataka Antibiotics & Pharmaceuticals Ltd.	Dry Powder Vials	618 no. in lakhs.	93	81	81
		Liquid Parenterals	396 no. in lakhs	127	140	172
		Tablets	6000 no. in lakhs	120	126	212
		Capsules	900 no. in lakhs	143	149	149
		Dry syrup & Suspension	60 no. in lakhs	88	103	143

(KL – Kilo Liters; TPA –TonnePer Annum; MT – Metric Tonne)

- Hindustan Antibiotics Limited produced 0.39 crore vials, 0.38 crore tablets, 0.34 crore capsules, 0.054 crore I.V. fluids and 0.39 crore Agrochem. The comparative figures for the previous year were 1.27 Crore, 1.46 crore, 1.27 crore, 0.14 crore and 0.36 crore respectively.
- Hindustan Fluorocarbons Ltd. produced 1115 MT of CFM-22 (ChloroFluoro Methane) and 106 MT

PTFE (Poly Tetra Fluoro ethylene) during 2014-15 as against the production of 1091 MT and 182 MT respectively during the previous year.

- Hindustan Organic Chemicals Ltd. produced 9944 MT Phenol, 6167 MT Acetone, 8031 MT Hydrogen Peroxide, 130 MT Nitrogen Tetroxide and 1097 MT Nitrobenzene during the year 2014-

15 as compared to 10687 MT Phenol, 6687 MT Acetone, 9055 MT Hydrogen Peroxide, 66 MT Nitrogen Tetroxide and 964 MT Nitrobenzene during the previous year.

- Karnataka Antibiotics & Pharmaceuticals Ltd. produced 572 no. in lakhs of dry power vials,

503 no. in lakhs of liquid parenterals, 7191 no. in lakhs of tablets and 1290 no. in lakhs of capsules during 2014-15. The company produced 505 no. in lakhs of dry power vials, 555 no. in lakhs of liquid parenterals, 7587 no. in lakhs of tablets and 1335 no. in lakhs of capsules during 2013-14.

#### 4.1.8 HEAVY ENGINEERING

The information in respect of one CPSE for last 3 years is tabulated below:-

**Table 4.1.8**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Braithwaite & Co Ltd	Wagon	1200 Nos	61.50	115.25	90.91
		Bogie	1800 Nos	84.11	83.33	73.67

- Braithwaite & Co. Ltd. constructed 738 Nos of Wagon and 1514 Nos of Bogie during the year 2014-15. The corresponding figure during the previous year was 1383 and 1500 respectively.

#### 4.1.9 MEDIUM AND LIGHT ENGINEERING

The details of capacity utilization in respect of four CPSEs for the last 3 years are given in the Table below: -

**Table 4.1.9**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ITI Limited	GPON ONTs	60000 nos.	0	33.05	53.16
		SMPS Modules	2400 nos.	51.25	6.71	9.71
		NPR Smart Cards	25 Million nos..	0.24	0.064	9.16
		Def. prod. Racks/ Subracks	250 Million nos.	2.53	4.27	2.33
		Defence Telephone Instruments	20,000 nos.	2.42	79.83	9.08
2	Andrew Yule & Company Ltd.	Tea	11720 MT	93.14	92.61	93.82
		Transformer	1350 MVA	90.70	72.71	51.63
		Industrial Fan	300 nos.	70	60.33	95.33
3	Bharat Pumps & Compressors Ltd	Pumps & Compressors	306	24	27	47
		Gas Cylinders	48000	13	9	36
4	Rajasthan Electronics & Instruments Limited	Electronic Milk Analyzers	4500 Nos.	202	166	156
		SPV Modules	19000 KWp	47	38	76

(KL – Kilo Liters; KVA- Kilo Volt Ampere; KWp – Kilo Watt Peak; MT – Metric Tonne, GPON – Gigabit Passive Optical Network; ONTs – Optical Network Terminals)

- ITI Limited produced 1230 nos. SMPS (Switch Mode Power Supply) Modules and 464 Defence Telephone Instruments during 2014-15 as compared to 161 nos. SMPS Modules and 15966 Defence Telephone Instruments during 2013-14. The decline in production in 2014-15 is due to lack of orders from customers.
- Andrew Yule & Company Limited produced 10916.58 MT of tea, 1224 MVA of transformers and 210 nos. of Industrial fans during year 2014-15 as compared to 10854 MT of tea, 981 MVA of transformers and 181 nos. of Industrial Fans in the previous year.
- Bharat Pumps & Compressors Ltd. produced 30 pumps plus spares & compressors and 4805 gas cylinders during 2014-15 as against 42 pumps plus spares & compressors and 4959 gas cylinders in the previous year.
- Rajasthan Electronics & Instrument Ltd produced 7523 Nos. of EMA(Electronic Milk Analyser) and 9005 KWP of SPV (Solar Photo Voltaic) Modules during 2014-15 as against 7405 Nos. of EMA and 7307 of SPV Modules in the previous year.

#### 4.1.10 TRANSPORTATION EQUIPMENT

The position of capacity utilization in respect of six CPSEs for the last 3 years is given in the Table below:

**Table 4.1.10**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Cochin Shipyard Ltd.	Ship Building	150000 DWT	103	103	106
2	Goa Shipyard Ltd.	Shipbuilding	0.992 SSU	86.78	97.66	90.54
3	Hindustan Shipyard Ltd.	Shipbuilding	75,250 DWT	47.25	51.42	65.73
4	Hindustan Aeronautics Ltd.	Standard Man Hours	278.64 Lakh SMH	110	122	116
5	Mazagon Dock Ltd.	Shipbuilding	0.97 EFU	96.02	97.45	96.82
6	Garden Reach Shipbuilders & Engineers Ltd	Ship Building	3230 Tonne	111	104	115
		Deck Machinery & Pumps	125 No. Set	36	46	58
		General Engineering	3600 MT	99	74	81

(SSU – Standard Ship Unit; DWT – Dead Weight Tonnage; SMH – Standard Man Hours; EFU – Effective Frigate Unit)

- Cochin Shipyard Ltd. built 154695 DWT of ships during the year 2014-15 as compared to 153819 DWT in the previous year.
- Hindustan Shipyard Ltd. built 35556 DWT of ships during the year 2014-15 as compared to 38694 DWT in the previous year.
- Goa Shipyard Limited produced 0.861 standard ship units in 2014-15 as compared to 0.969 Standard ship units in the previous year.
- Since the product-wise information in Hindustan Aeronautics Limited is of classified nature, the annual production is represented in terms of Standard Man Hours (SMH) in lakh. The production during 2014-15 was 305.23 lakh SMH as compared to 337.31 lakh SMH in the previous year.
- Garden Reach Shipbuilders & Engineers Ltd. built 3588 MT shipbuilding, 45 Nos. of Deck Machinery & pumps and 3591 MT of general engineering during the year 2014-15 as compared to 3370 MT, 57 Nos. and 2676 MT respectively in the previous year.



#### 4.1.11 CONSUMER GOODS

The information relating to capacity utilization in respect of four CPSEs for the last 3 years is given in the Table below:-

**Table 4.1.11**

SI.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilization (%)		
				2014-15	2014-15	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	HLL Lifecare Ltd.	Condoms	1801M.Pcs	101	101	102
		Blood Bags	12.50 M.Pcs	100	92	66
		Copper T	5.50 M.Pcs	89	93	68
		Non-Steroidal OCPs	30 M. tablets	129	95	95
		Pregnancy Test Card	26 M. Pcs.	53	68	74
2	Hindustan Newsprint Ltd.	Newsprint	100000 MT	102	103.36	103.28
3	Hindustan Salts Ltd.	Bromine & Salt	900 MT	34	33	31
4	Security Printing and Minting Corpn. of India Ltd.	Coins	6620 M.Pcs	120	116	101
		Bank Notes	6600 M.Pcs	127	121	112
		Non Judicial Stamp Paper	320 M.Pcs	129	128	127
		Passport and Allied Booklets	12.50 M.Pcs	85.36	50	45.55
		Security Paper	3000 MT	109	108	98

(M.Pcs – Million Pieces; MT – Metric Tonne; TPA –TonnePer Annum; OCP – Oral Contraceptive Pills)

- HLL Lifecare Ltd. (formerly Hindustan Latex Ltd.) produced 1,819 million pieces of condoms, 12.52 million pieces of blood bags, 4.87 million pieces of Copper T and 13.67 million pieces of pregnancy test cards during the year 2014-15 as compared to 1,638 million pieces of condoms, 11.05 million pieces of blood bags, 5.12 million pieces of Copper T and 17.75 million pieces of pregnancy test cards in the previous year.
- Hindustan Newsprint Ltd. produced 101986 MT of newsprint during the year 2014-15 as compared to 103360 MT during the previous year.
- Hindustan Salts Ltd. produced 310 MT of Salt and Liquid Bromine during the year 2014-15 as compared to 294 MT during the previous year.
- Security Printing and Minting Corporation of India Ltd. produced 7929 Million pieces of Coins,

8358 Million pieces of Bank Notes, 10.67 Million pieces Passport and Allied Booklets and 3266 MT of Security Paper during the year 2014-15 as compared to 7650 Million pieces of Coins and 8018 Million pieces of Bank Notes, 6.30 Million pieces Passport and Allied Booklets and 3240 MT of Security Paper during the previous year.

#### 4.1.12 CRUDE OIL

Information relating to production and capacity utilization in respect of three CPSEs for the last 3 years is given in the Tables below:-



**Table 4.1.12**

Sl.No.	CPSE	Product	Unit	Production		
				2014-15	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Oil and Natural Gas Corporation Ltd.	Crude Oil	MMT	25.942	25.994	26.127
		Natural Gas	BCM	23.523	24.851	25.335
2	Oil India Ltd.	Crude Oil	MMT	3.440	3.502	3.701
		Natural Gas	MMSCM	2722	2626	2639
3	ONGC Videsh Limited	Crude Oil	MMT	5.533	5.486	4.343
		Natural Gas	BCM	3.341	2.871	2.917

(MMT – Million Metric Tonne; BCM – Billion Cubic Metre; KL – Kilo Litre; MMSCM – Million Metric Standard Cubic Metre; MT – Metric Tonne)

**Table 4.1.13**

Sl.No.	CPSE	Product	Installed Capacity (2014-15)	Capacity Utilisation (%)		
				2013-12	2013-14	2012-13
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Oil & Natural Gas Corporation Limited	LPG	1158000 MT	94.57	92.18	86.93
		Naphtha	1502878 MT	76.83	90.39	102.06
		Ethane-Propane	570000 MT	59.53	75.52	75.04
2	Oil India Limited	LPG	50000 MT	87.14	93.28	92.02

- Oil & Natural Gas Corporation Limited produced 1095081 MT of LPG, 1154660 TMT of Naptha and 339319 TMT of Ethane-Propane during the year 2014-15 as compared to 1067230 MT of LPG, 1358414 MT of Naphtha and 430447 MT of Ethane-Propane during the year 2013-14.
- Oil India Limited produced 43570 MT of LPG during the year 2014-15 as compared to 46640 MT of LPG during the previous year.

## 4.2 INVENTORY MANAGEMENT

### 4.2.1 Overall Analysis

Inventory is essential ingredient for companies to support their production line and customer requirements. Inventory requirements at a given company vary based on customer support requirements and type of business.

Hence it differs from industry to industry and may vary from location to location. While the industry and service levels influence inventory practices, ratio of cost of production to average value of inventory termed as inventory turnover is frequently used to measure inventory management performance. This ratio measures how far the inventory is moving through the firm and generating sales.

The inventory management in public enterprises, in general, has improved over the years. The inventory level, which was 72 days cost of production / inventory turnover ratio as on 31.3.1997, has declined to 50 days of cost of production / inventory turnover ratio as on 31.3.2015. The overall position of inventory management during the last 19 years is depicted in the Table 4.2.1 below:

**Table 4.2.1**

Year ending	Value of Inventory (in crore)	Cost of Production (in crore)	Inventory Turnover Ratio	Inventory in No. of days
(1)	(2)	(3)	(3)/(2)	(2)/(3)*365 Or 365/(4)
			(4)	(5)
31.3.1997	40815	206658	5.06	72
31.3.1998	41661	218940	5.26	69
31.3.1999	44404	278720	6.28	58
31.3.2000	52414	354446	6.76	54
31.3.2001	50717	425100	8.38	44
31.3.2002	52175	431362	8.27	44
31.3.2003	58282	466444	8.00	46
31.3.2004	59705	513334	8.60	42
31.3.2005	73642	626427	8.51	43
31.3.2006	90885	714841	7.87	46
31.3.2007	101527	836922	8.24	44
31.3.2008	128688	958346	7.45	49
31.3.2009	126327	1147734	9.09	40
31.3.2010	161798	1087601	6.72	54
31.3.2011	191754	1293759	6.75	54
31.3.2012	233974	1558125	6.66	55
31.3.2013	230736	1586040	6.87	53
31.3.2014	252119	1678184	6.66	55
31.3.2015	216102	1590106	7.36	50

The above figures do not include inventory held by the Food Corporation of India and the Cotton Corporation of India Ltd. and Jute Corporation of India as these Corporations make large scale purchases and maintain stocks. Further, the public sector enterprises operating in Industrial Development and Technical Consultancy Services, Tourist Services, Financial Services have also been excluded from the review in this chapter.

## 4.2.2 Group-Wise Analysis

The public enterprises have been grouped into various cognate groups depending upon the nature of their activities. The analysis of inventory management is based on these groupings.

Table 4.2.2 below shows the level of inventory position in CPSEs cognate group wise during the last two years.

**Table 4.2.2**

Cognate Groups	Inventory as on 31.3.2014		Inventory as on 31.3.2015	
	Value	Level of Inventory in No. of days	Value	Level of Inventory in No. of days
	(₹in crore)		(₹in crore)	
	2013-14		2014-15	
(a) Agriculture Sector				
1. Agro-based Industries	167.29	71	281.98	92
For Agriculture Sector	167.29	71	281.98	92
(b) Electricity Sector				
1. Electricity Generation	6906.26	33	9274.71	42
2. Electricity Transmission	712.4	41	717.75	35
For Electricity Sector	7618.66	34	9992.46	41
(c) Manufacturing Sector				
1. Chemicals & Pharmaceuticals	247.54	62	304.69	80
2. Consumer Goods	1956.27	107	2349.19	115
3. Fertilizers	2124.87	40	2069.06	38
4. Heavy Engineering	10190.59	101	10407.12	126
5. Medium & Light Engineering	5624.02	143	5780.84	137
6. Petroleum (Refinery & Mktg.)	121291.66	40	83864.87	30
7. Steel	19541.12	126	23365.77	161
8. Textiles	354.17	86	341.5	72
9. Transportation Equipment	48732.84	739	51052.74	728
For Manufacturing Sector	210063.08	60	179535.78	55
(d) Mining Sector				
1. Coal	5562.3	37	6177.72	38
2. Crude Oil	7723.86	35	7886.74	35
3. Other Minerals & Metals	2854.5	69	3028.12	76
For Mining Sector	16140.66	39	17092.58	40
(e) Services Sector				
1. Contract & Construction Services	11190.6	274	2106.37	50
2. Telecommunication Services	3620.09	32	4558.94	39
3. Trading & Marketing Services	629.47	3	738.54	5
4. Transport Services	2688.88	24	1795.31	15
For Services Sector	70419.36	89	74023.43	93
For All Cognate Groups	252118.73	55	216101.96	50

It can be seen that lowest inventory is in Trading & Marketing Services followed by, Transport Services sector, Petroleum (Refinery & Mktg.), Power Transmission, Crude Oil, Fertilizers, Coal, Telecommunication Services, Power Generation and Contract & Construction Services.

It is also observed that there is reduction in the level of inventory in terms of number of days cost of production / inventory turnover ratio in 10 sectors viz. Transport Services, Petroleum (Refinery & Mktg.), Electricity Transmission, Crude Oil, Fertilizers, Contract & Construction Services, Agro-based Industries, Textiles, Medium & Light Engineering and Transportation Equipment.

The level of inventory has gone up in 9 sectors viz. Coal, Telecommunication Services, Electricity

Generation, Other Minerals & Metals, Chemicals & Pharmaceuticals, Consumer Goods, Trading & Marketing Services, Heavy Engineering and Steel.

Overall level of inventory which was 55 days cost of production/ inventory turnover ratio during 2013-14 has gone down to the level of 50 days cost of production/ inventory turnover ratio during 2014-15.

### 4.2.3 Agro-Based Industries

The value of inventory held by 5 companies belonging to this group was ₹281.98 crore at the end of 2014-15 as compared to ₹167.29 crore at the end of the previous year. The level of inventory was at the level of 92 days at the end of 2014-15 as compared to 71 days at the end of previous year. Details of inventory held by these enterprises are given in the Table 4.2.3 below:

**Table 4.2.3**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Andaman & Nicobar ISL. Forest & Plant. Dev.Corp. Ltd.	1.89	1.83	25.64	26.95	27	25
2	Creda HPCL Biofuel Ltd.	0.00	0.14	1.46	1.10	0	46
3	Hpcl Biofuels Ltd.	113.48	113.47	229.14	167.43	181	247
4	Indian Oil-Creda Biofuels Ltd.	0.00	0.00	13.00	3.79	0	0
5	National Seeds Corpn. Ltd.	166.61	51.85	852.91	655.45	71	29
SUB TOTAL :		281.98	167.29	1122.15	854.72	92	71

Of the 5 public enterprises under this group, 2 public enterprises could reduce the level of inventory during 2014-15 as compared to the previous year and the level of inventory increased in the case of 2 public enterprises. It remained unchanged in the case of Indian Oil-Creda Biofuels Ltd.

### 4.2.4 Electricity Generation

The value of inventory held by 10 electricity generating companies as on 31.3.2015 was ₹9274.71 crore as compared to ₹6906.26 crore at the end of previous year. The level of inventory was 42 days as on 31.3.2015 as against 33 days as on 31.3.2014. The company wise break-up of inventory is given in the Table 4.2.4 below:

Table 4.2.4

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Kanti Bijlee Utpadan Nigam Ltd.	28.18	20.71	404.37	158.74	25	48
2	Neyveli Lignite Corpn. Ltd.	898.63	681.69	4603.56	4528.31	71	55
3	NHDC Ltd.	7.91	7.55	472.06	606.12	6	5
4	NHPC Ltd.	82.73	72.29	4179.59	4388.53	7	6
5	North Eastern Electric Power Corporation Ltd.	207.17	178.17	1134.73	1127.01	67	58
6	NTPC Ltd.	7453.00	5373.35	62072.10	58353.37	44	34
7	Nuclear Power Corpn. Of India Ltd.	509.37	504.85	5966.40	5686.85	31	32
8	Rec Power Distribution Co. Ltd.	0.00	0.00	35.15	24.82	0	0
9	SJVN Ltd.	36.78	33.84	1017.01	743.65	13	17
10	THDC India Ltd.	50.94	33.81	1231.10	986.14	15	13
SUB TOTAL :		9274.71	6906.26	81116.07	76603.54	42	33

Of the 10 public enterprises under this group, 3 public enterprises could reduce the level of inventory during 2014-15 as compared to the previous year while in the case of 6 public enterprises there has been increase in the level of inventory. REC Power Distribution Co. Ltd. did not hold any inventory during last two years.

#### 4.2.5 Electricity Transmission

The value of inventory held by 3 electricity transmission companies as on 31.3.2015 was ₹717.75 crore as compared to ₹712.40 crore at the end of previous year. The level of inventory was 35 days as on 31.3.2015 as against 41 days as on 31.3.2014. The company-wise breakup of inventory is given in the Table 4.2.5 below:-

Table 4.2.5

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Ntpc Electric Supply Company Ltd.	0.00	0.00	22.05	19.13	0	0
2	Power Grid Corporation Of India Ltd.	717.75	712.40	7511.34	6290.14	35	41
3	Rec Transmission Projects Co. Ltd.	0.00	0.00	2.45	0.71	0	0
Sub Total :		717.75	712.40	7535.84	6309.98	35	41

Of the 3 public enterprises, level of inventory decreased in the case of Power Grid Corporation of India Ltd. during the year 2014-15 while NTPC Electric Supply Co. Ltd. and REC Transmission Project Co. Ltd. did not hold any inventory.

The value of inventory held by 13 enterprises belonging to this group as on 31.3.2015 was ₹304.69 crore representing 80 days cost of production as compared to ₹247.54 crore representing 62 days of inventory as on 31.3.2014. The company wise inventory position for last two years is given in Table 4.2.6 below:-

#### 4.2.6 Chemicals & Pharmaceuticals

**Table 4.2.6**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Bengal Chemicals & Pharmaceuticals Ltd.	14.29	8.11	78.24	60.33	67	49
2	Bharat Immunologicals & Biologicals Corp. Ltd.	25.64	32.08	143.78	165.01	65	71
3	Goa Antibiotics & Pharmaceuticals Ltd.	1.28	1.16	43.51	36.47	11	12
4	Hindustan Antibiotics Ltd.	7.45	9.42	73.98	82.12	37	42
5	Hindustan Fluorocarbons Limited	9.32	6.97	38.28	51.64	89	49
6	Hindustan Insecticides Ltd.	108.47	67.71	311.91	297.29	127	83
7	Hindustan Organic Chemicals Ltd.	51.97	51.69	321.79	353.57	59	53
8	Hll Biotech Ltd.	0.81	0.33	1.30	0.00	227	-
9	Indian Drugs & Pharmaceuticals Ltd.	14.57	9.80	78.22	82.80	68	43
10	Indian Medicines & Pharmaceutical Corpn. Ltd.	13.67	12.90	33.78	34.75	148	135
11	Karnataka Antibiotics & Pharmaceuticals Ltd.	50.51	37.59	224.36	225.92	82	61
12	Orissa Drugs & Chemicals Ltd.	2.76	3.55	17.29	13.57	58	95
13	Rajasthan Drugs & Pharmaceuticals Ltd.	3.95	6.23	31.70	54.55	45	42
Sub Total :		304.69	247.54	1398.14	1458.02	80	62

Of the 13 public enterprises, 4 could reduce the level of inventory during 2014-15 as compared to the previous year while in case of 10 public enterprises there has been increase in the level of inventory.

#### 4.2.7 Consumer Goods

12 companies belonging to the consumer goods group held an inventory valued at ₹2349.19 crore representing

115 days of inventory during the year 2014-15 as against an inventory valued at ₹1956.27 crore held by them during the previous year representing 107 days. The company-wise position is given in Table 4.2.7 below:

**Table 4.2.7**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Artificial Limbs Mfg. Corpn. Of India	38.99	36.84	141.18	141.33	101	95
2	Cement Corpn. Of India Ltd.	136.15	148.88	418.33	382.11	119	142
3	Hindustan Newsprint Ltd.	122.08	113.03	346.76	360.87	129	114
4	Hindustan Paper Corporation Ltd.	452.90	349.53	1067.61	857.53	155	149
5	Hindustan Photo Films Manufacturing Co. Ltd.	7.48	7.63	49.27	49.46	55	56
6	Hindustan Salts Ltd.	1.22	1.65	15.00	10.23	30	59
7	Hll Lifecare Ltd.	101.18	117.05	1005.88	899.07	37	48
8	Hooghly Printing Company Ltd.	1.03	0.35	15.84	15.67	24	8
9	Nagaland Pulp & Paper Company Ltd.	0.13	0.03	10.06	10.88	5	1
10	Nepa Ltd.	25.56	24.92	149.04	256.82	63	35
11	Sambhar Salts Ltd.	8.64	6.46	23.91	13.89	132	170
12	Security Printing & Minting Corpn. India Ltd.	1453.83	1149.90	4193.25	3690.28	127	114
SUB TOTAL :		2349.19	1956.27	7436.13	6688.14	115	107

The level of inventory has decreased in 5 public enterprises during 2014-15 and increased in 7 public enterprises.



### 4.2.8 Fertilizers

There were 7 companies engaged in the production of fertilizers. The value of inventory held by them as on 31.3.2015 was ₹2069.06 crore representing 38 days of

inventory as compared to an inventory value of ₹2124.87 crore representing 40 days at the end of previous year. Company-wise analysis of inventory is given in Table 4.2.8 below:

**Table 4.2.8**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Brahmaputra Valley Fertilizer Corpn. Ltd.	40.57	43.97	647.97	551.76	23	29
2	Fertilizer Corpn. of India Ltd.	10.68	15.52	24.04	13.38	162	423
3	Fertilizers & Chemicals (Travancore) Ltd.	551.33	620.89	2176.89	2400.34	92	94
4	Hindustan Fertilizer Corpn. Ltd.	0.00	0.00	6.00	6.14	0	0
5	Madras Fertilizers Ltd.	189.84	223.70	1770.14	2417.38	39	34
6	National Fertilizers Ltd.	285.00	418.25	8215.68	8019.59	13	19
7	Rashtriya Chemicals and Fertilizers Ltd.	991.64	802.54	7161.23	6163.03	51	48
Sub Total :		2069.06	2124.87	20001.95	19571.62	38	40

The level of inventory has decreased in 4 public enterprises during 2014-15. Hindustan Fertilizer Corpn. Ltd. did not hold any inventory during last two years.

belonging to this group was ₹10407.12 crore representing 126 days cost of production as on 31.3.2015 as against a total inventory valued at ₹10190.59 crore representing 101 days as on 31.3.2014. The value of inventory held by individual enterprises together with the level of inventory in terms of number of days cost of production for the last two years is given in Table 4.2.9 below:

### 4.2.9 Heavy Engineering

The value of inventory held by the 8 public enterprises

**Table 4.2.9**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Bharat Bhari Udyog Nigam Ltd.	0.00	0.23	8.46	12.65	0	7
2	Bharat Heavy Electricals Ltd.	10101.66	9797.55	29171.77	35577.93	126	101
3	Bharat Wagon & Engg. Co. Ltd.	5.42	9.86	23.92	59.75	83	60
4	Bhel Electrical Machines Ltd.	5.30	4.33	24.36	35.76	79	44
5	Braithwaite & Co. Ltd.	19.72	36.46	163.40	341.83	44	39
6	Burn Standard Company Ltd.	38.24	49.35	158.87	241.86	88	74
7	Heavy Engineering Corpn. Ltd.	236.11	292.13	580.89	564.55	148	189
8	Tungabhadra Steel Products Ltd.	0.67	0.68	4.16	5.87	59	42
Sub Total :		10407.12	10190.59	30135.83	36840.20	126	101

Of the 8 public enterprises, 2 could reduce the level of inventory during 2014-15 as compared to the previous year while in the case of 6 companies there has been increase in the level of inventory.

#### 4.2.10 Medium & Light Engineering

The value of inventory held by 21 enterprises of this group as on 31.3.2015 was ₹5780.84 crore representing

137 days cost of production as compared to ₹5624.02 crore representing 143 days as on 31.3.2014. The company-wise inventory position for the last two years is depicted in the Table 4.2.10 below:

**Table 4.2.10**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Andrew Yule & Company Ltd.	41.79	39.59	377.51	340.40	40	42
2	Balmer Lawrie & Co. Ltd.	130.10	141.72	2600.27	2481.72	18	21
3	Bel Optronics Devices Ltd.	31.88	24.80	143.08	194.19	81	47
4	Bharat Dynamics Ltd.	1480.13	1382.51	2666.21	1795.59	203	281
5	Bharat Electronics Ltd.	3369.43	3298.71	5852.54	5525.86	210	218
6	Bharat Pumps & Compressors Ltd.	57.57	82.79	136.91	150.73	153	200
7	Central Electronics Ltd.	49.48	40.69	149.86	154.39	121	96
8	Electronics Corpn. of India Ltd.	171.42	164.95	1203.29	1288.95	52	47
9	Hindustan Cables Ltd.	2.76	25.97	193.14	197.14	5	48
10	HMT Bearings Ltd.	7.81	8.23	18.11	18.28	157	164
11	HMT Chinar Watches Ltd.	3.75	8.81	5.44	2.08	252	1546
12	HMT Ltd.	34.21	43.43	170.96	263.47	73	60
13	Hmt Machine Tools Ltd.	107.51	106.25	298.71	246.53	131	157
14	Hmt Watches Ltd.	28.25	30.03	73.31	63.55	141	172
15	I T I Ltd.	93.34	96.20	799.98	969.79	43	36
16	IDPL (Tamilnadu) Ltd.	1.51	1.51	12.78	12.78	43	43
17	Instrumentation Ltd.	61.57	59.82	208.29	195.96	108	111
18	Rajasthan Electronics and Instruments Ltd.	17.41	11.42	203.12	196.46	31	21
19	Richardson & Cruddas (1972) Ltd.	1.07	1.03	66.94	65.38	6	6
20	Scooters India Ltd.	81.90	46.29	146.97	175.04	203	97
21	Vignyan Industries Ltd.	7.95	9.27	28.06	34.15	103	99
Sub Total :		5780.84	5624.02	15355.48	14372.44	137	143

Of the 21 public enterprises, 11 could reduce the level of inventory during 2014-15 as compared to the previous year while in the case of 9 companies there has been increase in the level of inventory. It remained unchanged in the case of IDPL (Tamilnadu) Ltd.

#### 4.2.11 Petroleum (Refinery & Marketing)

There are 8 companies operating in Petroleum (Refinery & Marketing) sector as on 31.3.2015. These companies have inventory valued at ₹83864.87 crore as

on 31.3.2015 as compared to ₹121291.66 crore at the end of previous year. The level of inventory was 30 days cost of production as on 31.3.2015 as against 40 days as on 31.3.2014. The company-wise details of inventory are presented in the Table 4.2.11 below:

**Table 4.2.11**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Bharat Petroleum Corpn. Ltd.	14457.85	19071.13	232288.25	254221.13	23	27
2	Chennai Petroleum Corporation Ltd.	3805.08	6697.74	42241.32	49132.97	33	50
3	Gail (India) Ltd.	2081.05	2254.76	53020.04	51982.89	14	16
4	Gail Gas Ltd.	6.66	3.56	993.98	963.42	2	1
5	Hindustan Petroleum Corpn. Ltd.	12972.26	18768.31	202933.88	220381.37	23	31
6	Indian Oil Corporation Ltd.	45543.85	64697.37	431907.71	463364.25	38	51
7	Mangalore Refinery & Petrochemicals Ltd.	3399.61	8448.96	60049.76	71515.72	21	43
8	Numaligarh Refinery Ltd.	1598.51	1349.83	8766.73	8691.69	67	57
Sub Total :		83864.87	121291.66	1032201.67	1120253.44	30	40

The value of inventory has decreased in 6 public enterprises during 2014-15 as compared to the previous year and increased in 2 CPSEs.

#### 4.2.12 Steel

The value of inventory held by 5 companies was ₹23365.77 crore at the end of 2014-15 as compared to ₹19541.12 crore held by them at the end of 2013-14.

The level of inventory has increased to 161 days cost of production at the end of the year 2014-15 as compared to 126 days at the end of 2013-14. The company-wise position is indicated in the Table 4.2.12 below:

**Table 4.2.12**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days			
		(₹ in Crores)						Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14		
1	Ferro Scrap Nigam Ltd.	3.46	3.47	249.05	223.74	5	6		
2	Mishra Dhatu Nigam Ltd.	423.02	452.79	524.95	452.55	294	365		
3	Rashtriya Ispat Nigam Ltd.	5179.51	3863.04	9032.57	11448.05	209	123		
4	Sail Refractory Company Ltd.	23.41	21.00	104.42	119.75	82	64		
5	Steel Authority of India Ltd.	17736.37	15200.82	42918.42	44347.92	151	125		
Sub Total :		23365.77	19541.12	52829.41	56592.01	161	126		

The value of inventory has decreased in 2 public enterprises during 2014-15 as compared to the previous year and increased in case of 3 CPSEs.

#### 4.2.13 Textiles

There are 4 companies in Textiles sector as on 31.3.2015. The value of inventory held by companies belonging to this group was ₹341.50 crore at the end of

2014-15 as compared to an inventory of ₹354.17 crore at the end of previous year. The level of inventory was 72 days cost of production during the year 2014-15 and 86 days at the end of previous year. The company wise details are given in the Table 4.2.13 below:

**Table 4.2.13**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Birds Jute & Exports Ltd.	0.00	0.00	1.44	0.81	0	0
2	British India Corporation Ltd.	2.21	3.02	42.55	41.89	19	26
3	National Jute Manufactures Corporation Ltd.	13.10	14.39	58.23	82.30	82	64
4	National Textile Corpn. Ltd.	326.19	336.76	1625.36	1386.54	73	89
Sub Total :		341.50	354.17	1727.58	1511.54	72	86

Of the 4 public enterprises, the level of inventory decreased in the 2 companies in year 2014-15 as compared to previous year. Birds Jute & Exports Ltd. did not hold any inventory during last two years.

#### 4.2.14 Transportation Equipment

8 public enterprises are engaged in the production of transportation equipment. The value of inventory held by these companies was ₹ 51052.74 crore during the year

2014-15 as against ₹48732.84 crore during 2013-14. The level, which was 739 days cost of production at the end of previous year, has gone down to 728 days at the end of 2014-15. The company-wise details are given in the Table 4.2.14 below:

**Table 4.2.14**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	BEML Ltd.	1921.20	2152.10	2791.42	2871.25	251	274
2	Cochin Shipyard Ltd.	303.10	396.37	1567.08	1417.92	71	102
3	Garden Reach Shipbuilders & Engineers Ltd.	4560.66	5240.99	1615.48	1512.55	1030	1265
4	Goa Shipyard Ltd.	337.66	324.28	809.51	594.89	152	199
5	Hindustan Aeronautics Ltd.	25136.28	22349.51	14886.96	14174.60	616	576
6	Hindustan Shipyard Ltd.	142.21	136.09	462.70	532.79	112	93
7	Hooghly Dock And Port Engineers Ltd.	109.71	106.30	31.88	65.75	1256	590
8	Mazagon Dock Shipbuilders Ltd.	18541.92	18027.20	3435.45	2911.71	1970	2260
Sub Total :		51052.74	48732.84	25600.48	24081.46	728	739

Of the 8 public enterprises, 5 could reduce the level of inventory during 2014-15 as compared to the previous year. It increased in the case of 3 public enterprises during the year 2014-15.

#### 4.2.15 Coal

The value of inventory held by 8 public enterprises belonging to this group as on 31.3.2015 was ₹6177.72 crore as compared to ₹5562.30 crore at the end of

previous year. The level of inventory was 38 days cost of production as on 31.3.2015 as compared to 37 days at the end of previous year. Company-wise details are given in Table 4.2.15 below:

**Table 4.2.15**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Bharat Coking Coal Ltd.	815.71	688.67	7451.20	7175.57	40	35
2	Central Coalfields Ltd.	1351.14	1219.33	7331.11	6647.10	67	67
3	Coal India Ltd.	58.33	39.87	634.03	725.09	34	20
4	Eastern Coalfields Ltd.	551.02	450.52	9130.38	8297.08	22	20
5	Mahanadi Coalfieldls Ltd.	476.41	522.52	7738.16	6589.03	22	29
6	Northern Coalfields Ltd.	835.91	893.19	7054.39	7138.60	43	46
7	South Eastern Coalfields Ltd.	1332.09	1005.13	12419.02	11385.17	39	32
8	Western Coalfields Ltd.	757.11	743.07	7432.85	6934.93	37	39
Sub Total :		6177.72	5562.30	59191.14	54892.57	38	37

The value of inventory has decreased in 3 public enterprises during 2014-15 as compared to the previous year and increased in the case of 5 public enterprises.

#### 4.2.16 Crude Oil

There are 5 companies operating in Crude Oil sector as on 31.3.2015. These companies had inventory valued at ₹7886.74 crore as on 31.3.2015 as compared to

₹7723.86 crore at the end of previous year. The overall level of inventory remains same during last two years. The company-wise details of inventory are presented in the Table 4.2.16 below:

**Table 4.2.16**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Bharat Petro Resources Ltd.	0.00	0.00	60.69	171.80	0	0
2	Oil & Natural Gas Corporation Ltd.	5963.53	5882.54	61679.52	58171.18	35	37
3	Oil India Ltd.	1032.01	968.69	6950.48	6736.24	54	52
4	ONGC Videsh Ltd.	890.49	871.57	13605.42	14870.96	24	21
5	Prize Petroleum Company Ltd.	0.71	1.06	9.36	22.54	28	17
Sub Total :		7886.74	7723.86	82305.47	79972.72	35	35

The value of inventory has increased in 3 public enterprises during 2014-15 as compared to the previous year and decreased in case of one public enterprise. Bharat Petro Resources Ltd did not hold any inventory during last two years

#### 4.2.17 Other Minerals & Metals

There were 12 companies operating in this group. The value of inventory held by these companies during the year 2014-15 was ₹3028.12 crore representing 76 days cost of production as compared to the value of

inventory of ₹2854.50 crore representing 69 days cost of production during previous year. The company-wise details are presented in the Table 4.2.17 below:

**Table 4.2.17**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Eastern Investment Ltd.	0.00	0.00	13.85	1.76	0	0
2	FCI Aravali Gypsum & Minerals (India) Ltd.	6.27	4.99	45.02	51.79	51	35
3	Hindustan Copper Ltd.	442.45	422.39	1001.31	1150.95	161	134
4	Indian Rare Earths Ltd.	134.73	138.59	462.96	404.38	106	125
5	J & K Mineral Development Corpn. Ltd.	0.00	0.00	0.82	0.75	0	0
6	KIOCL Ltd.	339.77	291.36	714.91	1376.52	173	77
7	MOIL Ltd.	144.22	49.11	489.29	555.27	108	32
8	National Aluminium Company Ltd.	1165.56	1173.66	6090.45	6371.38	70	67
9	NMDC Ltd.	691.88	681.19	4740.33	4435.39	53	56
10	Orissa Mineral Development Company Ltd.	26.70	27.15	48.83	58.62	200	169
11	The Bisra Stone Lime Company Ltd.	3.17	2.90	34.10	46.38	34	23
12	Uranium Corporation Of India Ltd.	73.37	63.16	822.75	750.66	33	31
Sub Total :		3028.12	2854.50	14464.62	15203.85	76	69

Of the 12 public enterprises, 2 could reduce the level of inventory during 2014-15 as compared to the previous year. Eastern Investment Ltd. and J&K Mineral Dev. Corpn. Ltd. did not hold any inventory during last two years.

#### 4.2.18 Contract & Construction Services

There were 14 public sector enterprises operating in the Contract & Construction Services group. Of the 14 companies Indian Railway Stations Devpt. Corporation Ltd., Iacon Infrastructure & Services Ltd, RailwayVikas Corpn. Ltd. and Mumbai Railway Vikas Corporation Ltd

did not hold any inventory. The value of inventory held by remaining 10 companies in this group was ₹2106.37 crore as on 31.3.2015 as compared to ₹11190.60 crore held by them at the end of previous year. The level of inventory has reduced from 274 days Inventory Turnover Ratio to 50 days in 2014-15. The company-wise details are given in the Table 4.2.18 below:

**Table 4.2.18**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of Days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Braithwaite Burn & Jessop Construction Company Ltd.	6.51	10.92	141.16	207.96	17	19
2	Bridge & Roof Co.(India) Ltd.	762.13	734.77	1398.71	1346.68	199	199
3	Hindustan Prefab Ltd.	0.18	0.19	255.65	196.31	0	0
4	Hindustan Steelworks Costn. Ltd.	3.69	2.47	1431.32	1353.07	1	1
5	Indian Railway Stations Devpt. Corporation Ltd.	0.00	0.00	0.00	0.00	-	-
6	Ircon Infrastructure & Services Ltd.	0.00	0.00	15.61	13.72	0	0
7	Ircon International Ltd.	114.29	118.80	2268.52	3019.06	18	14
8	Konkan Railway Corporation Ltd.	53.53	34.54	1159.05	1143.42	17	11
9	Mineral Exploration Corpn. Ltd.	12.99	8.50	183.97	160.33	26	19
10	Mumbai Railway Vikas Corporation Ltd.	0.00	0.00	27.24	25.02	0	0
11	National Bldg. Constn. Corpn. Ltd.	1145.67	996.72	4377.47	3789.40	96	96
12	National Projects Construction Corpn. Ltd.	1.36	1.99	1118.94	1167.57	0	1
13	Projects & Development India Ltd.	6.02	4.80	68.03	70.67	32	25
14	Rail Vikas Nigam Ltd.	0.00	9276.90	3001.67	2402.30	0	1410
Sub Total :		2106.37	11190.60	15447.34	14895.51	50	274

Of the 14 public enterprises, in case of 7 CPSEs there is no change in the level of inventory and reduce in case of 3 CPSEs during 2014-15 as compared to the previous year while in 4 public enterprises there has been increase in the level of inventory.



#### 4.2.19 Telecommunication Services

There were 6 public sector enterprises operating in this group and held an inventory valued at ₹4558.94 crore as on 31.3.2015 as compared to ₹3620.09 crore at

the end of the previous year. The level of inventory has increased from 32 days Inventory Turnover Ratio to 39 days in 2014-15. The company-wise details are given in the Table 4.2.19 below:

**Table 4.2.19**

S. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days			
		(₹in Crores)						Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14		
1	Bharat Broadband Network Ltd.	764.46	0.00	11.43	5.57	24412	0		
2	Bharat Sanchar Nigam Ltd.	3696.88	3547.28	36986.73	34900.90	36	37		
3	Mahanagar Telephone Nigam Ltd.	96.13	69.89	5274.83	5695.84	7	4		
4	Millennium Telecom Ltd.	0.30	0.00	2.77	0.12	40	0		
5	Railtel Corporation India Ltd.	1.17	2.92	387.43	365.35	1	3		
6	TCIL Bina Toll Road Ltd.	0.00	0.00	4.50	0.00	0	-		
Sub Total :		4558.94	3620.09	42667.69	40967.78	39	32		

Of the 6 public enterprises in Telecommunication Services group, the level of inventory decreased in 2 public enterprises and increased in 3 public enterprise during 2014-15 as compared to the previous year. TCIL Bina Toll Road Ltd. did not hold any inventory during the current year.

#### 4.2.20 Trading & Marketing Services

There were 21 companies in the Trading & Marketing Services group during the year 2014-15. Three companies namely, Food Corpn. of India, Cotton Corpn. of India and Jute Corpn. of India have been excluded for the purpose of analysis as these corporations keep stocks as deliberate policy. As such, the analysis covers

the remaining 18 companies only. These 18 companies held inventory valued at ₹738.54 crore representing 5 days Inventory Turnover Ratio at the end of 2014-15 as compared to an inventory of ₹629.47 crore representing 3 days at the end of previous year. The company-wise details are given in the Table 4.2.20 below:

**Table 4.2.20**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Antrix Corporation Ltd.	0.00	0.00	1535.31	1294.19	0	0
2	Central Cottage Industries Corpn. Of India Ltd.	10.26	8.66	86.90	85.66	43	37
3	Central Railside Warehouse Co. Ltd.	0.00	0.00	73.33	56.99	0	0
4	Central Warehousing Corpn.	6.32	5.83	1300.88	1269.78	2	2
5	Handicrafts & Handloom Exports Corp. Of India Ltd.	3.96	23.59	2731.83	2559.27	1	3
6	Hmt (International) Ltd.	0.04	0.16	36.01	30.52	0	2
7	India Trade Promotion Organisation	0.00	0.00	180.05	171.85	0	0
8	Karnataka Trade Promotion Organisation	0.00	0.00	2.89	3.59	0	0
9	M M T C Ltd.	319.40	308.36	18355.44	25166.49	6	4
10	M S T C Ltd.	146.83	36.05	5288.52	5077.08	10	3
11	National Handloom Development Corporation Ltd.	1.32	0.92	2400.88	1988.33	0	0
12	North Eastern Handicrafts& Handloom Dev. Corpn. Ltd.	1.98	1.22	13.34	14.78	54	30
13	North Eastern Regional Agri. Marketing Corp. Ltd.	1.11	1.19	39.91	56.95	10	8
14	Ntpc Vidyut Vyapar Nigam Ltd.	0.00	0.01	3821.48	3441.00	0	0
15	P E C Ltd.	241.80	242.44	6269.99	9967.38	14	9
16	State Trading Corpn. Of India Ltd.	5.50	0.97	14543.04	15407.99	0	0
17	Stcl Ltd.	0.02	0.07	2.96	89.78	2	0
18	Tamil Nadu Trade Promotion Organisation	0.00	0.00	20.12	12.50	0	0
Sub Total :		738.54	629.47	56702.88	66694.13	5	3

Of the 18 public enterprises in this group, 2 could reduce the level of inventory during 2014-15 as compared to the previous year while in case of 9 CPSEs there has been increase in the level of inventory. There is no change in level of inventory in respect of Central Warehousing Corpn. and No inventory was held by Antrix Corporation Ltd., Central Railside Warehouse Co. Ltd., India Trade Promotion Organisation, Karnataka Trade Promotion Organisation, NTPC VidyutVyapar Nigam Ltd. and Tamil Nadu Trade Promotion Organisation

#### 4.2.21 Transport Services

There are 14 public sector enterprises operating in the transportation services sector. Of the 14 companies, Air India Air Transport Services Ltd. Air India Engineering Services Ltd, CONCOR AIR LTD. and Kamarajar Port

Ltd. did not hold any inventory. The value of inventory held by remaining 10 companies was ₹1795.31 crore as on 31.3.2015 as compared to an inventory valued at ₹2688.88 crore at the end of previous year. The company-wise details are given in the Table 4.2.21 below:

**Table 4.2.21**

S. No.	Name of the Company	VALUE OF INVENTORY		COST OF PRODUCTION		No. of days	
		(₹ in Crores)				Inv./CP*365	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1	Air India Air Transport Services Ltd.	0.00	0.00	552.36	99.18	0	0
2	Air India Charters Ltd.	187.67	151.60	1959.65	2172.50	35	25
3	Air India Engineering Services Ltd.	0.00	0.00	968.00	0.00	0	-
4	Air India Ltd.	1225.52	2091.62	22437.90	22348.85	20	34
5	Airline Allied Services Ltd.	8.14	10.85	308.18	438.88	10	9
6	Airports Authority of India	68.79	57.80	6336.26	5317.10	4	4
7	Central Inland Water Transport Corpn. Ltd.	0.58	0.73	16.20	15.88	13	17
8	Concor Air Ltd.	0.00	0.00	275.48	35.89	0	0
9	Container Corporation of India Ltd.	16.82	14.91	4649.87	4072.02	1	1
10	Dredging Corpn. of India Ltd.	107.94	114.04	653.90	722.88	60	58
11	Fresh & Healthy Enterprises Ltd.	31.43	1.74	40.71	116.89	282	5
12	Kamarajar Port Ltd.	0.00	0.00	76.82	71.39	0	0
13	Pawan Hans Ltd.	56.49	55.14	459.02	456.54	45	44
14	Shipping Corporation of India Ltd.	91.93	190.45	4132.15	4552.65	8	15
Sub Total :		1795.31	2688.88	42866.50	40420.65	15	24

In the Transport Services Sector, out of 14 public enterprises as stated above, the level of inventory decreased in 5 public enterprises during 2014-15 as compared to the previous year. The level of inventory remained unchanged in one public enterprise namely Container Corporation Of India Ltd.

### 4.3 ENERGY CONSERVATION IN CPSEs

The details of energy consumption in some of the

CPSEs during the year 2014-15 as compared to previous year and energy conservation measures taken by these CPSEs are presented as under:

#### 1. Eastern Coalfields Limited

Consumption of Energy (Rs Crores)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹ )	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
601.47	577.40	5.94	6.86	150.76	160.88

#### 2. Northern Coalfields Limited

Consumption of Energy (Rs Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (KWH/Cum)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
325.36	317.70	4.94	4.75	1.61	1.58

Some of the steps taken by the company for conservation of energy during the year 2014-15 are as under:

- Additional CFL and other energy efficient lamps have been installed at many projects.
- Additional Time switches have been installed for streetlights in Coal Handling Plant, Mines and residential areas at many projects.
- Additional Energy meter and PF meters have been installed at many projects.
- Additional Power capacitor bank has been installed at many projects.

- Solar Photo-Voltaic Power plant and solar water heating system has been introduced at CETI/NCL, HQ.
- Strict compliance of approved comprehensive guidelines for monitoring of diesel consumption in all projects of NCL.
- The actual diesel consumption of mines is being compared with the bench mark data of CMPDI on monthly basis for monitoring purpose.

### 3. Oil and Natural Gas Corporation Limited

		Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of Energy (KWH)	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
Energy Input	Crude Oil	332.46	335.34	1.00	1.08	25.43	26.63
	Natural Gas	93.75	109.00	0.49	0.65	11.02	11.45
	LPG	69.40	33.26	6.25	3.98	161.55	95.85
	Ethane – Propane	51.04	73.10	7.74	8.98	477.92	537.46
	Naphtha	38.93	35.13	4.36	3.97	92.33	77.29

The major energy conservation measures undertaken by the company during 2014-15 are as under:

- Carried out 210 nos. of energy Audits across ONGC.
- Energy saving of ₹455.24 crores achieved due to various energy conservation measures such as use of solar energy for Water Heating system and area lighting, generation of wind power, use of energy efficient lights, use of VFD and soft starters, waste heat recovery and use of turbo expanders.

- 96.62 MU electricity generated during the year from 51 MW wind power project in Bhuj, Gujarat.
- Organized OGCF – 2015 (Oil and Gas Conservation Fortnight) at all locations of ONGC and carried out different activities for creating energy conservation awareness and efficient use of energy across ONGC.
- Initiated implementation of Energy Management System, ISO 50001:2011 in Uran plant, Institute of Drilling Technology, Dehradun and GGS-1 & GCP Kalol at Ahmedabad.

### 4. KIOCL Limited

Consumption of Energy (₹Crore)		Energy Cost as percentage of cost of production (%)		Consumption of energy per unit of production (Kwh/Ton)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
93.51	186.95	13.08	13.58	72.60	62.56

It has been mentioned that the specific consumption of energy is on the higher scale in the year 2014-15 due to lower production levels and intermittent starts/stop of pellet plant due to adverse market conditions. The measures taken for conservation of energy during the

year 2014-15 by the company are as under:

- Two nos. 22 kW motors in process conveyor drives in PF have been downsized to 15 kW as per PCRA recommendations and 2 more are being taken up.

- 25 nos. of 64x1 Watt LED fittings have replaced 59 nos. of 125 Watt conventional fittings in stores.
- 20 nos. of 64 Watt LED street light fittings have replaced 125 Watt conventional street light fittings.
- In Captive Power Plant, 4 nos. of 100 W Induction Lamps have replaced 16 nos. 70 Watt SV lamps in generator room..
- Replacement of conventional fittings by LED fittings are being taken up.
- FAH 2.1.3.1 discharge and scrubber fan efficiency has been increased by changing the direction of impeller and carrying out certain assembling modifications.

## 5. Rashtriya Ispat Nigam Limited

Energy Input	Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production		
	2014-15	2013-14	2014-15	2013-14	Unit	2014-15	2013-14
Electricity	293.73	267.73	2.98	2.89	Kwh/Tcs	133.81	106.49
Fuel Oil	27.09	32.51	0.28	0.35	Lts/Tcs	1.49	1.85
Boiler Coal	289.16	294.86	2.94	3.19	Kg/Tcs	383.81	420.14
Coking Coal	3229.45	3755.89	35.98	40.61	Kg/Tcs	1203.4	1236.9

Kwh : kilowatt hour , Tcs : Tonne of Crude Steel, Lts : Litre, Kg : kilo gram

Some of the major energy conservation measures undertaken by RINL during the year 2014-15 are given below:

- Completed a project for generation of 20.6 MW power through Waste Heat recovery of straight line cooler of Sinter Machines 1 and 2 in collaboration with New Energy and Industrial Technology Development Organization.
- Synchronized Top Recovery Turbine of Blast Furnace 3 for generation of 14 MW power from waste pressure of Blast Furnace Gas
- Replaced Air Recuperator in F/C-2 of Light and Medium Merchant Mill.
- Replaced Gas Recuperator in F/C-1 of Medium Merchant and Structural Mill.
- Engaged M/s National Productivity Council to conduct mandatory energy audit to identify potential areas for improvement.
- Commissioned Stream-3 at Coal Chemical Plant to handle additional capacity of Coke Oven Gas, thereby improving the Benzol yield.
- Trial run for Pulverized Coal Injection at Blast Furnace-1 was successfully carried out.

## 6. Steel Authority Of India Limited

Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of Energy Per unit of Saleable steel production (₹per Tss)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
18,970	20,032	41.5	44.8	14,772	15,553

## 7. GAIL India Limited

Work Centre	Energy Input	Consumption of Energy (₹Crore)		Energy cost as percentage of Cost of Production (%)		Consumption of energy per unit of production (₹ / MT)	
		2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
Gas Processing Units	Electrical	48.64	53.94	1.57	1.21	380.95	414.18
	Fuel & Flare	374.22	485.16	12.08	10.95	2,930	3,725
GAIL Petrochemical Complex	Electrical	130.83	116.64	3.02	3.98	2,896	2,649
	Fuel & Flare	838.75	520.78	19.36	17.76	18,571	11,831

Some of the major energy conservation measures undertaken by GAIL during the year 2014-15 are as under:

- Modification for HRSG drums level control at Vaghodia.
- Installation of CLO2 system at Vijaipur - More Safe and Environment friendly Chlorine di oxide system was commissioned for water treatment at CT-1 and CT-2 by replacing earlier used chlorine gas dosing system.
- Upgradation of Fire and Gas Detection & Suppression Control Systems in HVJ Compressors which is one of the major safety systems of Gas Turbine Compressor.
- Integration of Online Vibrating Monitoring System of Rotating Equipment across all the Compressor station to monitor the health of rotating equipment centrally.
- Upgradation of Obsolete technology with latest state-of-the-art company has taken various initiatives under Central region O&M to upgrade the obsolete technologies and replaced with latest systems like

up-gradation of facility control panel at Jhabua, GEG Control system at Vaghodia. Upgradation of LPG Plant ESD to SIL3 based PLC System at GPU Vaghodia etc.

- As per system requirement, frequency of CW Make up pump frequency has been reduced through VED to optimize the flow and head.
- The replacement of conventional lighting systems (HPMV / HPSV / T8/GLS) with more energy efficient T5/LED lighting systems at various locations of company such as JLPL and Gandhar has been done to improve energy efficiency.
- Solar based power panels are planned at JLPL SV stations as primary source of power for feeding equipment at SV stations. Procurement action has been initiated for Solar based power at 91-60, 61 and SV-62. After implementation at these 5V stations, Solar based power panels shall also be installed at other SV stations in JLPL in phased manners.
- Solar based power supply has been proposed for upcoming Supervisory Control and Data Acquisition projects in Rajasthan Natural Gas pipeline network.

## 8. Indian Oil Corporation Limited

Energy Input	Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)	
Electricity	3,487.39	3,433.40	8.25	8.29
Liquid Fuel	5,616.29	6,535.80		
Fuel Gas/ LDO/ Coke	7,141.41	8,052.26		
Natural Gas	3,078.64	3,301.00		



It has been mentioned that higher specific electricity consumption in 2014-15 is higher as compared to 2013-14 due to increased specific electricity consumption mainly in Barauni, Panipat and Digboi refineries for divisor effect of lower production due to lower crude processing. The company implemented a number of energy conservation projects during the year 2014-15 and some of the major schemes in this regard are as under:

- Utilization of Straight Run Gas Oil Circulating Reflux and KERO CR for replacing Naphtha Splitter Furnaces at Guwahati Refinery.
- Routing of hot condensate from process units to Deaerator-4 in Thermal Power Station at Guwahati Refinery.
- Coker-A Single Furnace Operation at Barauni Refinery.
- Installation of Kettle type heat exchanger in Diesel Hydrotreater Unit at Barauni Refinery.
- Low Pressure steam generation from Fluidized Catalytic Cracking Unit Light Cycle Oil stream at Gujarat Refinery.
- Routing Hydrogen Rich off gases of Catalytic Reforming Unit to Hydrogen header instead of Fuel Gas at Gujarat Refinery.
- Pre-heat Improvement in Crude Distillation Unit by 14°C by installation of helical exchangers at Haldia.
- Replacement of Supplementary Naphtha firing in HRSG-2&3 with Fuel Gas resulting in saving of Naphtha and there by reduction of flare loss at Haldia Refinery.
- Direct routing of Continuous Catalytic Reforming Unit rich gas to H2 header at Mathura Refinery.
- Enhancement of Power Sale to APDCL up to 8 MW from existing 5 MW at Digboi Refinery.
- New SRU Incinerator tube bundle replacement at Panipat Refinery.
- Floating of Atmospheric Vacuum Unit Main-fractionator with Resid Fluidized Catalytic Cracking Unit Wet Gas Compressor at Panipat.
- CDU-II crude preheat train revamp (Crude preheat improvement from 234 °C to 265 °C) at Bongaigaon Refinery.

## 9. Mangalore Refinery and Petrochemicals Limited

Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (%)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
4.505	3.936	7.33	5.19	9.58	7.18

It has been mentioned that the increase in consumption of energy per unit of production during 2014-15 as compared to 2013-14 is mainly due to addition of secondary processing units such as Petro Fluidised Catalytic cracking unit, Delayed Coker unit, Coker Heavy Gas Oil Hydrotreater unit in the Refinery which increased the distillate yield and production of high value products for same crude throughput.

Some of the important energy conservation measures undertaken by the company during the year 2014-15 are as under:

- Recycle Splitter heater Air Preheater replacement in Hydrocracker-1.
- Commissioning of Cooling Tower -1 Steam Driven Pump.
- Crude and Vacuum Heater On-line Chemical

Cleaning in Crude Distillation Units – 1&2.

- Recycle Splitter optimization in Hydrocracker -1.
- Heavy Naptha pump impeller trimming in crude Distillation Unit-1.
- Impeller Trimming for HGO Pump and (-) 370 cut pump in Crude Distillation Unit -1.
- Gas Oil Hydro Desulfurization product Pump Impeller Trimming.
- Shifting of underutilized VSD from CCR -2 to CCR-1 for NHT charge Pump.
- Air Pre-Heater Replacement in Visbreaker-2.

## 10. NUMALIGARH REFINERY LIMITED

The measures taken for conservation of energy by the company during the year 2014-15 are as under:

- LP uncondensable Hydrocarbon recovery from Hot well of Vacuum Distillation Unit and utilize in LP burners of CDU furnace in September 2014.
- High emissivity Ceramic coating in DCU furnace in August 2014 for improving the heat transfer coefficient as well as reduction in fuel consumption.
- FO additive in Fuel oil to improve combustion efficiency has been carried out successfully in July 2014.
- ISO 50001 Energy Management System first periodic audit was carried out in Dec 2014.
- 100 KW Solar PV panel was installed and commissioned at Admin Building roof top of NRL site in November 2014 and is generating 60 to 70 KW solar power on a regular basis.
- Cleaning of Tank bottom sludge by LABO process which is an energy efficient and environment friendly process.
- Installation of Rentar fuel tube in two numbers of fuel oil burners in utility Boiler in February 2015 leading to fuel saving by 3%

## 11. Brahmaputra Valley Fertilizer Corporation Limited

### Natural Gas – Key energy input for production of Urea

Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
383.62	289.55	74.76	67.75	10,685.62	9,460.09

### Purchased Power Consumption – For lighting purpose only

Consumption of Energy (₹ Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
2.15	2.10	0.42	0.49	60.02	68.74

## 12. NATIONAL FERTILIZERS LIMITED

Name of Unit	Consumption of Energy (₹crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (Gcal/MT of Urea)	
	2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
Nangal	1,290	883	87.67	85.88	7.01	7.43
Bathinda	1,110	1,663	89.93	92.50	7.25	7.11
Panipat	1,446	1,546	90.55	92.15	7.50	7.63
Vijaipur-I	1,400	1,227	90.53	91.74	5.74	5.82
Vijaipur-II	1,593	1,380	95.06	88.79	5.42	5.45

The following energy conservation measures were undertaken by the company during the year 2014-15.

- Installation of Purge gas recovery plant at Vijaipur-II to reduce energy consumption to the tune of 0.06 Gcal/ MT of Urea & enhance Urea production by 149 MTPD.
- Installation of VibroPriller at Panipat Unit to reduce electrical energy consumption & saving

on reduction of Urea dust.

- Hooking up (in parallel) of old redundant Ammonia Synthesis Converter (S-200) with New Converter (S-300) at Panipat& Bathinda to reduce energy consumption by 0.09 Gcal/ MT of Ammonia.
- Installation of additional 2 nos. Cooling tower cells of Urea Plant at Vijaipur-II.

### 13. Rashtriya Chemicals and Fertilizers Limited

#### Trombay Unit

Product	Consumption of energy (₹crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹ /MT)	
	2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
UREA	391.23	318.06	70.11	70.73	9238.35	9012.43
SUPHALA(15:15:15)	23.35	21.75	3.07	3.20	588.32	652.61
SUPHALA (20:20:0)	28.34	23.28	5.06	5.54	1087.97	1264.18

The details of major energy conservation measures undertaken during the year 2014-15 at Trombay Unit are as under:

- Stopping one Cooling Tower Pump by adjusting flow in Water Cooler in Refrigeration Loop in Ammonia-V Plant as per Energy Audit recommendation.
- Optimization of flow of Rich MDEA (Methyl Di Ethanol Amine) through hydraulic turbine to reduce load on Semi-lean Solution pump motor in

Ammonia-I Plant.

- Replacement of 2 nos. Cooling Tower fan shafts with light weight composite fiber shaft.
- Installation of Energy Efficient Motors in Cooling Water Pump Modification of Secondary air duct of Furnace and replacement of hot air duct of spherodizer resulting in saving in Natural Gas.
- Installation of VFD(Variable Frequency Drive) for FST (Final Storage Tank) Supply Pump

#### Thal Unit

Product	Consumption of energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹ /MT)	
	2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
Urea	2358.69	2018.79	81.83	80.87	10829.58	10125.32

The details of major energy conservation measures undertaken during the year 2014-15 at Thal Unit are as under:

- Installation of Advanced Process Control System for optimization of process parameters.
- Repairing insulation of Medium pressure steam lines in Urea-31 unit.

- Replacement of forced draft CT with natural draft CT at Ammonia Common Control Room AC unit.
- Peek wear ring installation to DM pump.
- HP Heater replacement for better heat transfer.
- Use of energy efficient 90 KW motor in Water Treatment Plant-II.

#### 14. Electronics Corporation of India Limited

Consumption of Energy (₹Crore)		Energy Cost as percentage of cost of production		Consumption of energy per unit of production	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
5.39	3.75	0.42	0.27	N.A.	N.A.

#### 15. Cochin Shipyard Limited

Consumption of Energy (₹Crore)		Energy Cost as percentage of cost of production (%)		Consumption of energy per unit of production (kWh)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
15.26	15.58	1.02	1.31	18028.01	23746.96

#### 16. Goa Shipyard Limited

Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy (Lakh KWH) per unit of production	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
1.73	2.29	0.30	0.45	44.58	44.84

The company has undertaken following energy conservation measures during the year 2014-15.

- Observation of Energy conservation month for the month of April 2014 where in various training programs on Energy conservation, Energy efficiency and Renewable energy were conducted.
- Replacement of 70 W HPSV periphery light with 30W LED light.
- Replacement of T12 tube lights for office lighting with energy efficient T8, T5 with electronic ballast and LED tubes.
- Installation of Nature switches (switch working on sunlight) for outdoor illumination.
- Daily monitoring of energy consumption for GSL incomer as well as for all distributing substations.
- Display of various Energy saving banners, posters and stickers in the yard for spreading awareness on energy conservation.
- Hot water from 5000 Ltrs capacity Solar water heating system for GSL employees canteen being used for the cooking purpose thereby reducing the consumption of LPG for cooking purpose.

#### 17. Hindustan Aeronautics Limited

Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of Energy Per unit of production (₹per lakh SMH)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
140.16	133.21	0.90	0.89	0.46	0.39

The company implemented energy conservation measures such as controlled lighting, use of solar water heaters, replacement of HPSV (High Pressure Sodium Vapour) lamps with LED, Installation of occupancy sensors for automatic control of lights, installing of

Timers to switch off lights in lunch period, replacement of old machineries / compressors with energy efficient one etc. during the year 2014-15.

## 18. Hindustan Shipyard Limited

Consumption of energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
6.03	6.92	2.05	1.53	N.A.	N.A.

Some of the energy conservation measures taken by the company during the year are as under:

- Use of APFC capacitor banks to improve the power factor thereby reducing the overall Power Consumption.
- Running of heavy loads like Air compressors are restricted to minimum.
- Reduction of lighting to optimum levels.
- Operation of Distribution Transformers around 70%

loading by turning off during off Peak hours.

- Replacement of old plant and machinery with efficient system like VVVF drives.
- Switching off plant and machinery when not in use.
- Replacement of old switchgear and old PLCA cables with suitable capacity XLPE cables & new switchgear etc.
- Replacement of old Air Conditioners with BEE certified star rated and inverter based units.

## 19. Mazagon Dock Shipbuilders Limited

Consumption of energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
24.65	23.00	0.68	0.80	-	-

The measures taken by the company for conservation of energy during the year 2014- 15 are as under:

- The existing Mercury Vapour and Metal Halide lighting fixtures have been replaced with LED lighting fixtures in the Submarine Division.
- Five nos. of Energy Saver units have been installed in the A, B, C and D Workshops of Submarine Division

to reduce the energy consumed by the overhead lights in these workshops.

- 46 nos. of 2 star rated Air Conditioners have been procured to conserve energy.
- Two nos. existing Stationary Air Compressors were replaced with two Nos. Screw Compressors with VFD Drives.

## 20. Security Printing and Minting Corporation of India Limited

Consumption of energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
57.14	50.02	1.44	1.42	N.A.	N.A.

## 21. NHPC Limited

Energy	Consumption of energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹/KWh)	
	2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
Electricity	43.63	37.45	1.01	1.04	0.020	0.020
Fuel Oil/POL	3.39	3.67	0.08	0.10	0.002	0.002

The company took the following steps for conservation of energy.

- Energy Audit of Chamara III Power Station (231 MW) in Himachal Pradesh has been carried out in 2014-15. The recommendations of Energy Auditor are being implemented for conservation of energy.
- With a view to re-assess the conservation of energy, Energy Audit of all 18 power stations has been planned during the financial year 2015-16.
- Company has constructed Phase II Building at Corporate Office in line with Energy Conservation Building Code (ECBC).
- Company has installed 70 KWp solar power plant on the terrace of Phase-II building for supplying 70 KWp power for the building. The solar power generated by the plant is being used in the office building and additional load requirement is met from the state supply. The installation of solar power plant was also required in compliance with GRIHA requirement.
- Solar power is being utilized in some of the units / offices/residential colonies of the company.

## 22. Nuclear Power Corporation of India Limited

The company has given high priority to conservation of energy and optimization of resources all its operating Nuclear Power Stations. Energy Conservation Committees existing at each station of NPCIL met periodically to review the consumption of energy, resources, explore new development in the field of energy conservation and the feasibility of implementation and suggested various measures for energy conservation. The following measures were taken at operating power stations for the conservation of energy:

- Stations continued to replace old conventional lamps and tube light fixtures by energy efficient CFL/LED lights in a phased manner, replaced old air conditioners with BEE star rating split air conditioners, continuously used solar water heating systems in canteens, guest houses, switched off the lights in RB inaccessible areas, switched off the lights/air conditioning systems while leaving the area and installed solar lights for street lighting etc.
- Optimum operation of equipment at all the units was carried out. Units at RRS, NAPS and KAPS operate optimum number of equipment thus taking advantage of seasonal temperature variations.

- All the stations kept a close watch on consumption of energy in the plant processes and systems to prevent energy loss e.g. through steam/air leaks, hot pipes, degraded condenser performance etc. and have taken prompt actions for their rectification. During Biennial Shut Down of the units, special attention was given to address the issues of equipment performance and efficiency and corrective actions were taken accordingly.
- In KGS-1&2, modification of changing of the IDCT fan blade material from GRP (glass reinforced polyester) to hollow FRP (Fibre reinforced polyester) without impacting the system performance was completed in all the fans in unit-2 and one fan in unit-1.
- RAPS-3&4 and KGS-3&4 are using Top reject low I.P. heavy water of UGP for de-deuteration of IX columns instead of DM water.
- All the stations continued to carry out extensive vigil on thermal cycle efficiency of the plant and monitored the performance of equipment, implemented modifications and rectified paths which earlier led to energy losses. In addition all stations continued to optimize the use of all the consumables by keeping a close watch on their consumption and took corrective actions.
- National Energy Conservation day was celebrated in NPCIL stations in which various programmes were arranged to create awareness towards energy conservation among officers, employees and also their families.
- Solar heaters in plant canteen, guest house and solar lights at appropriate plant areas and township are installed and are being used.
- Energy Saving lamps (CFL/LED lamps) have been installed in place of old conventional lighting fixtures in plant and office areas.
- Some stations replaced old window type air conditioners with BEE star rating split air conditioners and further replacement is planned. LPG is being used in plant canteens and conventional electric heaters have been phased out.



## 23. North Eastern Electric Power Corporation Limited

Name of Power Station	Consumption of Energy (₹in crore)		Energy cost as percentage of cost of production (%)		Consumption of energy per MU of production (₹crore)	
	2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
Kopili HE Plant	0.67	0.70	1.07	1.99	0.0098	0.0065
Ranganadi HE Plant	0.95	1.34	0.87	1.36	0.0075	0.0111
Doyang HE Plant	0.60	0.61	1.83	2.25	0.0122	0.0120
Assam Gas Based Power Plant	10.11	7.66	2.12	1.72	0.0263	0.0226
Agartala Gas Turbine Power Plant	3.29	2.44	1.64	1.39	0.0183	0.0155

The details of energy conservation measures undertaken by the company during the year 2014-15 are as under:

- With a view to optimize the performance of Power Station, Energy Audit of Power Stations has already been completed and to improve energy saving measures are being implemented in phased manner by Power Stations.
- Conversion of Open Cycle Gas Based Power Station at AGTP to combined cycle power plant incorporating Heat Recovery Steam Generators with Air Cooled Condensing system, which increases the plant efficiency with minimal use of water.
- Replacement of old lighting system with energy efficient lighting system in AGBPP, Kopili HEP, Doyang HEP and New Delhi Office Complex which has led to considerable energy saving. Also
- LED lights have been used in 5 MWp Solar Plant at Tripura.
- Occupancy Sensors, LED Lighting and energy saving air conditioners units have been installed in Agartala Gas Turbine Project.
- Solar Energy PV System of 1KW installed in AGTP for the Tripura State Rifles rest camp inside the AGTP Complex as well as for the security road.
- A 20 KW off-grid Solar Power Plant is installed at ChaturdashDevtaMandir, Khayerpur, Agartala on 14th February 2015.
- Solar LED street light system has been provided for Bahunigaon village near Assam Gas Based Power Plant Bokulani. The Project was completed on 3rd March 2015.
- A 1000 LPD Solar water heating system has been installed in the Guwahati Guest House Complex.

## 24. SJVN Limited

Name of unit	Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)	
	2014-15	2013-14	2014-15	2013-14
Nathpa Jhakri Hydro Power Station	11.32	11.34	1.82	1.84
Rampur Hydro Power Station	0.45	—	0.2	—
Khairwire Wind Power Station	—	—	—	—

## 25. South Eastern Coalfields Limited

Energy Input	Consumption of Energy (₹Crore )		Energy Cost as percentage of cost of production (%)	
	2014-15	2013-14	2014-15	2013-14
Electricity	768.43	724.90	6.19	6.36
Fuel Oil	453.78	476.09	3.65	4.18

Some of the major energy conservation measures undertaken by the company during the year 2014-15 are as under:

- Regular Monitoring of Power Consumption pattern of all service connection points and addition of requisite capacitor bank to improve power factor and thereby reducing power consumption.
- Replacement of HPSV/HPMV/Metal Halide Lamps with CFL/LED lamps in street lights of residential areas of SECL.
- Re-Organization of pumping to avoid stage pumping

by laying deliveries through boreholes.

- Monitoring of Load Pattern and demand side management of Supply points to control maximum demand.
- Construction of Strata Bunkers in underground mines.
- Power Supply to UG Mines by laying cables in bore holes to reduce power losses.
- Reorganization of transport system to achieve lowest length of Belt Conveyors.

## 26. Braithwaite & Co. Ltd

Consumption of Energy (₹Crore)		Energy cost as percentage of cost of production (%)		Consumption of Energy per unit of wagon production (₹Lacs)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
7.78	9.21	4.70	2.66	1.0543	0.6662

The details of energy conservation measures taken by the company during the year 2014-15 are as under:

- Installation of Rectifier System at Bay 1, 2, 3, 6&7 has already been started. Bay 7, equipped with rectifier – utilizing for operation of which M/c using for wagon movements successfully.
- Automatic Power Factor Control (APFC) Panel installed.
- VCB System installed – old Oil Circuit Breakers are replaced by New VCB( 350 MVA / 11kv) at incoming main line.
- Installation of Transparent Fabre to increase the use of day light.
- Feasibility study has been commenced to install the Solar Power Equipment for illumination system including operation of electronic equipments which shall reduce consumption of Conventional power.

- By incorporating modified Trolley of Bogie Furnace of Heat Furnace, consumption of furnace oil is reduced resulting saving of energy.
- Rescheduling of compressor operation is yielding savings in consumption of energy.
- Faculty Capacitor Bank in Power factor system is replaced by modified unit, resulting improvement in Power factor.
- Replacement of detective / old pneumatic pipe lines by new one resulting the reduction of compressed air losses and consequently saving of energy.
- For improvement of further power factor, new automatic power factor meter panel will be introduced in the circuits which will save energy cost.

## 27. Western Coalfields Limited

Consumption of Energy (₹Crore )		Energy Cost as percentage of cost of production (%)		Consumption of energy per unit of production (kWh/T)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
437.71	462.34	5.89	6.60	14.36	15.96

Some of the important energy conservation measures taken by the company during the year 2014-15 are as under:

- Addition of Capacitors to improve and maintain the power factor above 0.96.
- Use of energy efficient tubes/CFL in place of high watt luminaries and conventional fittings.

- Stoppage of purchasing high energy consuming lights and fittings.
- Use of auto timers in street light circuits.
- Installation of UG bunker.
- Elimination or reduction of stage pumping as far as possible.

## 28. Coal India Limited

Consumption of Energy (₹Crore )		Energy Cost as percentage of cost of production (%)		Consumption of energy per unit of production (₹Per tonne)	
2014-15	2013-14	2014-15	2013-14	2014-15	2013-14
2,347.28	2,282.23	3.97	4.16	47.49	49.35

## 29. ITI Limited

Consumption of Energy (₹Crore )		Energy Cost as percentage of cost of production (%)	
2014-15	2013-14	2014-15	2013-14
18.88	20.91	11	11.3

Some of the important energy conservation measures taken by the company during the year 2014-15 are as under:

- Switching off air conditioning plants and compressors during lunch hours.
- Use of natural light by using translucent asbestos sheets in production hangars.

- Use of CFL lamps in Canteen, Corridors of admin block and few places in hospital.
- Use of LED street lights at few places inside the factory.
- Running time of various tube wells and compressors has been rationalized

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## Chapter - 5

### International Operations of CPSEs

The Indian economy has embraced globalization on its own terms and the CPSEs also have a footprint in the global market place. Moreover the prevailing global economic scenario, subdued in this case, also leaves its mark on the international operations of CPSEs. During the year 2014-15, total foreign exchange earnings of CPSEs was ₹103071.23 crore as against ₹145195.96 crore in 2013-14, showing a decrease of 29.01%. Similarly total foreign exchange expenditure of CPSEs was ₹544559.79 crore in 2014-15 as against ₹676869.68 crore in 2013-14, showing a decrease of 19.55%. During the year 2014-15, as many as 143 CPSEs out of the 235 operating CPSEs either had foreign exchange earnings (FEE) or foreign exchange expenditure (FEE) (Annex 5.1). As many as 32 CPSEs were net foreign exchange earners (Annex 5.1). Out of these 32 CPSEs, 11 CPSEs, namely ONGC Videsh Ltd., National Aluminium Company

Ltd., Bharat Heavy Electricals Ltd., Air India Charters Ltd., IRCON International Ltd., Airports Authority of India Ltd., RITES Ltd., Air India Air Transport Services Ltd., Indian Rare Earths Ltd., Engineers India Ltd. and WAPCOS Ltd. earned net foreign exchange of more than ₹100 crore during 2014-15.

#### 5.1 Foreign Exchange Earnings

Table 5.1 below shows the (13) CPSEs that had gross foreign exchange earnings of more than ₹1000 crore, during 2014-15. Out of these 13 CPSEs, 3 CPSEs namely Hindustan Petroleum Corporation Ltd., Steel Authority of India Ltd. and Air India Charters Ltd. have shown increase in gross foreign exchange earnings in 2014-15. Rest of the CPSEs have shown reduction in their gross foreign exchange earnings during 2014-15.

**Table 5.1**  
**Gross Foreign Exchange Earnings of select CPSEs**  
**(more than ₹1000 crore)**

(₹ in crore)

S. No.	CPSE	Gross Foreign Exchange Earnings			Change over the previous year(%)	
		2014-15	2013-14	2012-13	2014-15	2013-14
1	Mangalore Refinery & Petrochemicals Ltd.	19507.84	33952.38	32179.85	-42.54	5.51
2	Indian Oil Corporation Ltd.	16009.99	21608.13	18558.61	-25.91	16.43
3	Bharat Petroleum Corporation Ltd.	12364.27	19122.06	18455.61	-35.34	3.61
4	ONGC Videsh Ltd.	9743.48	10476.66	7859.42	-7.00	33.30
5	Air India Ltd.	8912.63	11975.78	10606.15	-25.58	12.91
6	Bharat Heavy Electricals Ltd.	5433.5	8777.74	12356.59	-38.10	-28.96
7	Hindustan Petroleum Corporation Ltd.	5313.98	4231.03	6416.82	25.60	-34.06
8	Oil & Natural Gas Corporation Ltd.	5022.80	7488.99	7472.33	-32.93	0.22
9	Shipping Corporation of India Ltd.	4103.73	4301.70	4258.94	-4.60	1.00
10	National Aluminium Company Ltd.	3160.71	3617.20	3377.50	-12.62	7.10
11	MMTC Ltd.	2299.69	3920.66	3000.67	-41.34	30.66
12	Steel Authority of India Ltd.	1567.68	1497.01	1158.23	4.72	29.25
13	Air India Charters Ltd.	1466.86	1330.65	1090.22	10.24	22.05

#### 5.1.1 Sources of Foreign Earnings

Exports of goods & merchandise, and other income are the major sources of foreign exchange earnings of CPSEs. Exports of merchandise was the major source of foreign exchange earnings in last three years 2012-13 to 2014-15. Its share in total foreign exchange earnings, increased from 81.60% in 2012-13 to 82.21%

in 2014-15 (Table 5.2). The share of Royalty, Know-How, Consultancy Fee and Fee for Professional Services as sources of foreign exchange decreased from 1.15% in 2012-13 to 0.43% in 2014-15. However as a whole, there is a reduction of (-) 29.01% in foreign exchange earnings as compared to last year.

**Table 5.2**  
**Foreign Exchange Earnings of all CPSEs**  
**(2014-15, 2013-14 and 2012-13)**

(₹in crore)

S. No.	Particulars	Foreign Exchange Earnings			Change over the previous year (%)	
		2014-15	2013-14	2012-13	2014-15	2013-14
(i)	Export of Goods on FOB basis	84732.09 (82.21)	122186.57 (84.15)	113610.51 (81.60)	-30.65	7.55
(ii)	Royalty, Know-how, Professional and Consultancy fee	445.84 (0.43)	1976.76 (1.36)	1597.05 (1.15)	-77.45	23.78
(iii)	Interest and Dividend	120.65 (0.12)	170.64 (0.12)	302.57 (0.22)	-29.30	-43.60
(iv)	Other Income	17772.65 (17.24)	20861.99 (14.37)	23717.92 (17.03)	-14.81	-12.04
	Grand Total (i) to (iv)	103071.23 (100)	145195.96 (100)	139228.05 (100)	-29.01	4.29

Note: Figure in brackets are percentage of total

## 5.2 Foreign Exchange Expenditure

Table 5.3 shows the (25) CPSEs that had gross foreign exchange expenditure of more than ₹1000 crore during 2014-15. In terms of growth/change in foreign exchange expenditure during 2014-15 over 2013-14, there was a general reduction in the foreign exchange expenditure(FEE) over last year by (-) 19.55% (Table 5.4).

**Table 5.3**  
**Gross Foreign Exchange Expenditure of Select CPSEs**  
**(more than ₹1000 crore)**

(₹in crore)

S. No.	CPSE	Gross Foreign Exchange Expenditure			Change over the previous year (%)	
		2014-15	2013-14	2012-13	2014-15	2013-14
1	Indian Oil Corporation Ltd.	193572.52	230120.52	212775.82	-15.88	8.15
2	Bharat petroleum Corporation Ltd.	80736.57	91471.64	81893.37	-11.74	11.70
3	Mangalore Refinery & Petrochemicals Ltd.	49131.50	65677.54	56137.41	-25.19	16.99
4	Hindustan Petroleum Corporation Ltd.	47116.65	58499.29	112477.66	-19.46	-47.99
5	Chennai Petroleum Corporation Ltd.	40182.52	42228.86	3849.68	-4.85	996.94
6	Oil& Natural Gas Corporation Ltd.	18919.79	38384.44	37630.93	-50.71	2.00
7	MMTC Ltd.	13808.53	16268.82	20334.56	-15.12	-19.99
8	Steel Authority of India Ltd.	13584.07	16056.08	15088.32	-15.40	6.41

9	State Trading Corporation of India Ltd.	11191.18	12393.80	16339.93	-9.70	-24.15
10	Hindustan Aeronautics Ltd.	10288.52	12401.20	8839.53	-17.04	40.29
11	Air India Ltd.	9297.31	7718.82	5711.97	20.45	35.13
12	GAIL (India) Ltd.	8088.49	9229.22	4695.29	-12.36	96.56
13	PEC Ltd.	4669.29	4953.17	6580.64	-5.73	-24.73
14	Bharat Heavy Electricals Ltd.	4539.76	6928.08	7184.92	-34.47	-3.57
15	Shipping Corporation of India Ltd.	4183.32	4570.06	4332.53	-8.46	5.48
16	Power Grid Corporation of India Ltd.	4156.48	5334.22	1955.80	-22.08	172.74
17	NTPC Ltd.	3750.71	3443.37	1768.55	8.93	94.70
18	Rashtriya Ispat Nigam Ltd.	3588.09	4027.51	4262.26	-10.91	-5.51
19	ONGC Videsh Ltd.	2616.25	23027.68	7896.56	-88.64	191.62
20	Handicrafts & Handloom Exports Corporation of India Ltd.	2421.45	2340.63	3866.40	3.45	-39.46
21	MSTC Ltd.	1603.48	3145.94	6612.91	-49.03	-52.43
22	Fertilizers & Chemicals (Travancore) Ltd.	1204.51	849.60	792.73	41.77	7.17
23	Security Printing & Minting Corporation India Ltd.	1104.61	826.23	639.97	33.69	29.10
24	Rashtriya Chemicals and Fertilizers Ltd.	1103.68	828.68	1564.34	33.19	-47.03
25	Mazagon Dock Shipbuilders Ltd.	1094.39	2610.45	2267.53	-58.08	15.12

Out of 25 CPSEs, 5 CPSEs namely Air India Ltd., NTPC Ltd., Handicrafts & Handloom Exports Corporation of India Ltd., Fertilizers & Chemicals (Travancore) Ltd., Security Printing & Minting Corporation India Ltd. and Rashtriya Chemicals & Fertilizers Ltd. have shown an increase in foreign expenditure as compared to last year.

Table 5.4 below shows the expenditure of foreign exchange under different heads of import of goods (raw material/plants & machinery), consultancy fee and other payments.

**Table 5.4**  
**Items of Foreign Exchange Expenditure of all CPSEs**  
**(2014-15, 2013-14 and 2012-13)**

(₹ in crore)

S. No.	Particulars	Foreign Exchange Expenditure			Change over the previous year (%)	
		2014-15	2013-14	2012-13	2014-15	2013-14
(a)	Imports (CIF Basis)					
(i)	Raw materials/Crude oil	443349.08 (95.49)	536975.23 (92.44)	447100.84 (86.32)	-17.44	20.10
(ii)	Stores, Spares & Components	11155.96 (2.40)	13955.63 (2.40)	12829.94 (2.48)	-20.06	8.77



(iii)	Capital Goods	9770.63 (2.10)	29986.26 (5.16)	58012.13 (11.20)	-67.42	-48.31
	Sub Total (a)	464275.67 (85.26)	580917.12 (85.82)	517942.91 (80.03)	-20.08	12.16
<b>(b)</b>	<b>Expenditure on account of :</b>					
(i)	Royalty and Consultancy fee	20304.66 (25.29)	20975.7 (21.86)	21808.05 (16.87)	-3.20	-3.82
(ii)	Interest payment	6833.79 (8.51)	5372.67 (5.60)	4491.36 (3.47)	27.20	19.62
(iii)	Others	53145.67 (66.20)	69604.19 (72.54)	102979.59 (79.66)	-23.65	-32.41
(iv)	Dividend remitted in Foreign Currency	0.00 (0)	0.00 (0)	0.11 (0)	NA	-100.00
	Sub Total (b)	80284.12 (14.74)	95952.56 (14.18)	129279.11 (19.97)	-16.33	-25.78
	<b>Grand Total (a + b)</b>	<b>544559.79 (100)</b>	<b>676869.68 (100)</b>	<b>647222.02 (100)</b>	<b>-19.55</b>	<b>4.58</b>

Note: Figure in brackets are percentage of total

The share of 'raw materials' / crude oil continued to claim the largest share of gross foreign exchange expenditures in last three years of 2012-13 to 2014-15. Its share has increased to 95.49% in 2014-15 from 86.32% in 2012-13. The expenditure in foreign exchange on 'Royalty and Consultancy fee' and 'Interest payment' are showing an increasing trend, whereas other items have shown a decline in foreign exchange expenditure in 2014-15 as compared to 2013-14.

### 5.3 International Finance & Investment

#### 5.3.1 Sources of funds

International finance refers mainly to external commercial borrowings, supplier's credit and funds raised through the equity market abroad. Shares of MTNL (ADR) are listed on the New York Stock Exchange and GAIL (GDR) and SAIL (GDR) are listed on the London Stock Exchange. Funds raised by CPSEs in the form of secured and unsecured loans (more than ₹1000 crore), during 2013-14 & 2014-15, are shown at Annex -5.2. Indian Oil Corporation Ltd., ONGC Videsh Ltd., NTPC Ltd., Rural Electrification Corporation Ltd. and Indian Railway Finance Corporation Ltd. were the major borrowers during the year 2014-15.

#### 5.3.2 Foreign Investments by CPSEs

Foreign investment comprises off-shore investment by CPSEs through establishment of Indian subsidiaries abroad as well as joint ventures (JVs) and mergers and acquisitions (M&A). Several CPSEs have set up subsidiaries abroad for marketing their products, for procuring raw materials and for consolidating their international operations.

#### 5.4 International Operations of Select CPSEs

The paragraphs below discuss briefly the international operations of 27 CPSEs as top 'net foreign exchange earners' or 'net foreign exchange spenders' (more than ₹1000 crore):

##### 5.4.1 Air India Ltd. (AIL)

Air India Ltd. attained foreign exchange earnings of ₹8912.63 crore in 2014-15 against ₹11975.78 in 2013-14, a decrease of ₹3063.15 crore. The foreign exchange expenditure, however, stood at ₹9297.31 crore in the financial year 2014-15. The net foreign exchange earning was ₹(-) 384.68 crore during 2014-15.

### 5.4.2 Air India Charters Ltd.

Air India Charters Ltd. a subsidiary of Air India attained a foreign exchange earnings of ₹1466.86 crore in 2014-15 against ₹1330.65 crore in 2013-14, showing an increase of ₹136.21 crore. The foreign exchange expenditure, however, stood at ₹850.00 crore in the financial year 2014-15. The net foreign exchange earning was ₹616.86 crore during 2014-15.

### 5.4.3 Bharat Heavy Electricals Limited (BHEL)

BHEL attained a foreign exchange earnings of ₹5433.50 in 2014-15 against the foreign exchange earnings of ₹8777.74 crore in 2013-14, showing a decrease of ₹3344.24 crore. The foreign exchange expenditure, however, stood at ₹4539.76 crore in the financial year 2014-15. The net of foreign exchange earning was ₹893.74 crore during 2014-15.

BHEL has been the flag bearer of Indian engineering enterprises across the globe for over four decades. The company has references in 77 countries and across the globe with major contributions in the power sector of various countries. Continuing its focus on globalization, BHEL has achieved consistent growth in its exports. The global capital goods industry which is export-driven was severely affected by recession post 2008. BHEL received '45th EEPIC India Award' for the 'Star Performer for 2012-13' in the Product Group of Project Exports.

### 5.4.4 Bharat Petroleum Corporation Ltd (BPCL)

BPCL Ltd attained a foreign exchange earnings of ₹12364.27 crore in 2014-15 against ₹19122.06 crore in 2013-14, a decrease of ₹6757.79 crore. The foreign exchange expenditure, however, stood at ₹80736.57 crore in the financial year 2014-15 against ₹91471.64 Crore in the previous year. The net of foreign exchange earning was ₹(-) 68372.30 crore during 2014-15.

BPCL dependence on import of Diesel has started showing a downward trend from the beginning of last year. There was also no import of Diesel during the year 2014-15. Import of Motor Spirit was nil during 2014-15 as against 47 TMT during 2013-14. The import of Reformate was also nil during the year 2014-15, against import of 42 TMT during 2013-14. Import of LPG increased from 1.51 MMT during the year 2013-14 to 2.04 MMT during the year 2014-15. However, the

purchase value declined from USD 1,409 million (₹8,595 crores) in 2013-14 to USD 1,372 million (₹8,379 crores) in 2014-15, due to decrease in global prices of LPG by around 23% in 2014-15, as compared to 2013-14.

On the export front, BPCL exported 2,203 TMT of refined petroleum products as compared to 3,014 TMT during the year 2013-14. Naphtha continued to remain a principal component of the export basket. However, the quantity came down from 1.62MMT in the year 2013-14 to 1.04MMT in the year 2014-15 indicating a decline of about 36%. The prices in the international market also were lower compared to the previous year due to which the realization of Naphtha export declined from USD 1,472 million in 2013-14 to USD 731 million in 2014-15. Fuel oil exports registered were 1,309 TMT in 2013-14 against 1,097 TMT in 2014-15 and its realization dropped from USD 777 million to USD 516 million in the year 2014-15. Benzene export of 45 TMT fetched USD 42 million whilst there was no export of Diesel in 2014-15 against export of 48 TMT fetched USD 45 million during the year 2013-14. The group's exports of petroleum products during the year stood at 2.22 MMT as compared 3.06 MMT in 2013-14.

BPCL ensured procurement of 18.11 MMT imported crude oil during the year 2014-15 as compared to 16.94 MMT during the previous year 2013-14.

### 5.4.5 Chennai Petroleum Corporation Ltd. (CPCL)

The Company has no export obligation (2014: Nil) on account of concessional rate of customs duty availed under EPCG scheme on import of capital goods/Advance License scheme on import of crude oil.

The foreign exchange expenditure, however, stood at ₹40182.52 crore in the financial year 2014-15 and was ₹42228.86 Crore in the previous year. The net foreign exchange earning was ₹(-) 40182.52 crore during 2014-15.

### 5.4.6 Fertilizers & Chemicals (Travancore) Ltd. (FCTL)

FCTL had no foreign exchange earnings. The foreign exchange expenditure, however, stood at ₹1204.51 crore in the financial year 2014-15 and was ₹849.60 Crore in the previous year. The net foreign exchange earning was ₹(-) 1204.51 crore during 2014-15.

### 5.4.7 GAIL (INDIA) LTD. (GAIL)

GAIL had a foreign exchange earnings of ₹644.49 crore in 2014-15 against the foreign exchange earnings of ₹210.01 crore in 2013-14, an increase of ₹434.48 crore. The foreign exchange expenditure, however, stood at ₹8088.49 crore in the financial year 2014-15 and was ₹9229.22 Crore in the previous year. The net foreign exchange earning was ₹(-) 7444.00 crore during 2014-15.

GAIL Global (USA) LNG LLC (GGULL), wholly-owned subsidiary of GAIL in the US, signed a 20 year gas sourcing agreement with WGL Midstream Inc. (USA) for procuring natural gas required to feed the 2.3 MMTPA Dominion Cove Point LNG Terminal. Earlier in 2013, GGULL has signed Terminal Service Agreement (TSA) with Dominion Cove Point LNG LP for booking 2.3 MMTPA liquefaction capacity in the Cove Point LNG liquefaction project located at Lusby in the state of Maryland in the US.

Company is constantly pursuing a leading role in the TAPI Pipeline project to receive Natural Gas from the Galkynysh fields in Turkmenistan. The Pipeline Consortium Company TAPI Pipeline Company Limited (TPCL) was incorporated on 11th November 2014 in 'Isle of Man', a British Crown dependency located in the Irish Sea. TAPI has a mandate to build, own and operate the proposed TAPI Pipeline.

### 5.4.8 Handicrafts and Handloom Exports Corporation of India

Handicrafts and Handloom Corporation of India's attained a foreign exchange earnings of ₹30.68 crore in 2014-15. The foreign exchange expenditure, however, stood at ₹2421.45 crore in the financial year 2014-15 against ₹2340.63 crore in the previous year. The net foreign exchange earning was ₹(-)2390.77 crore during 2014-15 as against ₹(-) 2306.84 in previous year.

HHEC is engaged in export & domestic sales of handicrafts, handlooms products, ready-to-wear garments (including manufacturing), and carpets, sales of gold and silver jewellery / articles and import & domestic sale of bullion.

### 5.4.9 Hindustan Aeronautics Ltd. (HAL)

HAL had foreign exchange earnings of ₹417.29 crore in 2014-15 against the foreign exchange earnings of ₹439.98 crore in 2013-14, a decrease of ₹22.69 crore.

The foreign exchange expenditure, however, stood at ₹10288.52 crore in the financial year 2014-15 and was ₹12401.20 crore in the previous year. The net foreign exchange earning was ₹(-) 9871.23 crore during 2014-15.

### 5.4.10 Hindustan Petroleum Corporation Limited (HPCL)

HPCL attained foreign exchange earnings of ₹5313.98 crore in 2014-15 against ₹4231.03 crore in 2013-14, an increase of ₹1082.95 crore. The foreign exchange expenditure, however, stood at ₹47116.65 crore in the financial year 2014-15 against ₹58499.29 crore in the previous year. The net foreign exchange earning was ₹(-) 41802.67 crore during 2014-15.

Various initiatives have been taken to increase exports and for development of new Export markets for products and services. Efforts are on to access international markets and to tap export potential for free trade products and lubricants. HP aviation fuelling service meets and exceeds the stringent International regulations for handling Jet fuel. During 2014-15, Aviation SBU has achieved Sales volume of 506 TMT with growth of 13.5% against PSU industry growth of 0.2% resulting in a Market share gain of 1.1%.

### 5.4.11 Indian Oil Corporation Ltd. (IOC)

IOCL attained a foreign exchange earnings of ₹16009.99 crore in 2014-15 against ₹21608.13 crore in 2013-14, a decrease of ₹5598.14 crore. The foreign exchange expenditure, however, stood at ₹193572.50 crore in the financial year 2014-15 against ₹230120.52 crore in the previous year. The net foreign exchange earning was ₹(-) 177562.53 crore during 2014-15.

The Corporation also exported petroleum and petrochemical products worth ₹15,668 crore during the year as against ₹21,525 crore in the previous year. The reduction in exports is mainly due to decrease in international prices and absorption of products in the domestic market.

The Company undertakes overseas business activities through its subsidiaries at Mauritius, Sri Lanka, UAE, Sweden, USA and The Netherlands. In addition, the Company is engaged in exploration and production (E&P) of crude oil and gas through its consortium partners at 7 international locations, namely, USA, Libya, Gabon, Nigeria, Yemen, Canada and Venezuela.

### 5.4.12 MMTC Ltd.

MMTC Ltd. attained a foreign exchange earnings of ₹2299.69 crore in 2014-15 against ₹3920.66 crore in 2013-14, a decrease of ₹1620.97 crore. The foreign exchange expenditure, however, stood at ₹13808.53 crore in the financial year 2014-15 against ₹16268.82 crore in the previous year. The net foreign exchange earning was ₹(-) 11508.84 crore during 2014-15.

The principal activities of the Company are export of Minerals and import of Precious Metals, Non-ferrous metals, Fertilizers, Agro Products, coal and hydrocarbon etc. The company is one of India's largest exporter of Minerals, leading exporters/importer of Agri commodities, major importer / supplier of Metals including Gold & Silver and a major player in the Coal and hydrocarbons imports by the country.

Continuation of the ban on Iron ore mining and export from Bellary Hospet Sector, regulation of export from Eastern Sector, high railway freight for exports which is currently over three times that of domestic movement of ore, increase in domestic demand of ore and higher export duty etc. had an impact on the quantum of Indian Iron ore exports during 2014-15, as compared to other international suppliers i.e. Australia and Brazil.

The capacity of domestic Steel production has also expanded, resulting in lesser availability of Chrome ore, Chrome Concentrate and Manganese Ore for exports. With the introduction of 30% ad valorem export duty on Chrome ore and Chrome concentrate, the exports of these items has further declined in FY 2014-15. Despite this and the stiff competition at national and international levels, MMTC continued to maintain its position as a prominent exporter of minerals during the year under review.

### 5.4.13 MSTC Ltd.

MSTC attained a foreign exchange earnings of ₹0.13 crore in 2014-15 against no foreign exchange earnings in 2013-14. The foreign exchange expenditure, however, stood at ₹1603.48 crore in the financial year 2014-15 and was ₹3145.94 crore in the previous year. The net foreign exchange earning was ₹(-) 1603.35 crore during 2014-15.

### 5.4.14 Mangalore Refinery and Petrochemicals Limited (MRPL)

MRPL attained a foreign exchange earnings of

₹19507.84 in 2014-15 against the foreign exchange earnings of ₹33952.38 crore in 2013-14, a decrease of ₹14444.50 crore. The foreign exchange expenditure, however, stood at ₹49131.50 crore in the financial year 2014-15 and was ₹65677.54 crore in the previous year. The net foreign exchange earning was ₹(-) 29623.66 crore during 2014-15.

During 2014-15, MRPL has processed various opportunity crude, which has to expand its crude basket during 2015-16 as well. To explore the new sources of crude oil and look for optimize, the company is in discussion with prospective/new term crude oil suppliers from countries/sources like Colombia, Mexico, Venezuela, etc for supply of crude oil in addition to enhancement of volumes from current suppliers. With the commissioning of Phase-III, the company has started processing heavier crude oil(s).

MRPL imports around 80% of its requirement of crude oil and is presently exporting approximately 47% of the total production. The company has also plans to procure approximately 15-20% crude in International spot markets for taking advantage of flexible pricing through spot tender.

MRPL achieve Export Turnover of ₹22,790 crore during the year 2014-15 which was ₹35,392 crore in the previous year by exporting products viz., Motor Spirit (MS), Naphtha, Mixed Xylene (MX), High Speed Diesel (HSD), Air Turbine Fuel (ATF) and Fuel Oil (FO). The Company continues to supply petroleum products viz. Mogas, ATF, Gas Oil and Fuel Oil to State Trading Corporation (STC), Mauritius. In the global competitive market, the Company has secured its place by exporting petroleum products to 21 countries viz. Bahamas, China, Egypt, Hongkong, Japan, Jordan, Kenya, Korea, Malaysia, Mauritius, Netherlands, Oman, Saudi Arabia, Singapore, Slovenia, South Africa, Taiwan, Turkey, UAE, UK and Yemen and continues to explore more opportunities for its growth.

The company won the "Export Excellence Award, 2014" in Best Exporter Category (Medium/large category) from the Federation of Karnataka Chamber of Commerce and Industry (FKCCI) for FY 2013-14 in recognition of its ₹35,392 Crores worth of exports.

### 5.4.15 Mazagon Dock Ltd. (MDL)

MDL attained a foreign exchange earnings of ₹279.54 crore in 2014-15 against no foreign exchange



earnings in 2013-14. The foreign exchange expenditure, however, stood at ₹1094.39 crore in the financial year 2014-15 and was ₹2610.45 crore in the previous year. The net foreign exchange earning was ₹(-) 814.85 crore during 2014-15.

#### **5.4.16 National Aluminum Company Ltd. (NALCO)**

National Aluminum Company Ltd. attained a foreign exchange earnings of ₹3160.71 crore in 2014-15 against ₹3617.20 crore in 2013-14, a decrease of ₹456.49 crore. The foreign exchange expenditure, however, stood at ₹310.16 crore in the financial year 2014-15. The net foreign exchange earning was ₹2850.55 crore during 2014-15.

NALCO is the 1st Company in India in the aluminum sector to be registered with LME in May 1989.

#### **5.4.17 NTPC LTD.**

NTPC attained a foreign exchange earnings of ₹3.41 crore in 2014-15 against the foreign exchange earnings of ₹3.13 crore in 2013-14. The foreign exchange expenditure, however, stood at ₹3750.71 crore in the financial year 2014-15 and was ₹3443.37 crore in the previous year. The net foreign exchange earning was ₹(-) 3747.30 crore during 2014-15.

The thermal power capacity addition program has suffered a major setback due to a variety of reasons including slow environment clearance of new projects, non-availability of land, shortage of Indian coal and costly imported coal. During 2014-15, NTPC imported 16.4 MMT of coal as against 10.8 MMT in 2013-14.

The gap between demand and supply of coal is likely to be met through import of coal. The gap may further increase in case supply from captive blocks till financial year 2016-17 does not pick up and meet the estimates.

#### **5.4.18 Oil and Natural Gas Corporation Ltd. (ONGC)**

ONGC attained a foreign exchange earnings of ₹5022.80 crore in 2014-15 against ₹7488.99 crore in 2013-14, a decrease of ₹ 2466.19 crore. The foreign exchange expenditure, however, stood at ₹18919.79 crore in the financial year 2014-15 against ₹38384.44 crore in the previous year. The net foreign exchange earning was ₹(-) 13896.99 crore during 2014-15.

ONGC has nine foreign subsidiaries wholly owned through OVL, namely ONGC Nile Ganga BV Netherland, ONGC Narmada Ltd., ONGC Amazon Alaknanda Limited, Imperial Energy Ltd., (formally Jarpeno Ltd.) ONGC (BTC) Ltd., Carabobo One AB., Beas Rovuma Energy Mozambique Ltd., ONGC Videsh Atlantic Inc. and ONGC Videsh Rovuma Ltd.

#### **5.4.19 ONGC Videsh Ltd.**

ONGC Videsh Ltd. attained a foreign exchange earnings of ₹9743.58 crore in 2014-15 against ₹10476.66 crore in 2013-14, a decrease of ₹733.18 crore. The foreign exchange expenditure, however, stood at ₹2616.25 crore in the financial year 2014-15 against ₹23027.68 crore in the previous year. The net of foreign exchange earning was ₹7127.23 crore during 2014-15.

ONGC Videsh is the highest net foreign exchange earners in FY 2014-15 with ₹7127.23 crore against ₹(-) 12551.02 crore in 2013-14. Company is engaged in prospecting for and acquisition of oil and gas acreages outside India for exploration, development and production of oil and gas.

#### **5.4.20 PEC Ltd**

PEC Ltd attained foreign exchange earnings of ₹577.17 crore in 2014-15 against the foreign exchange earnings of ₹2553 crore in 2013-14, a decrease of ₹1975.83 crore. The foreign exchange expenditure, however, stood at ₹4669.29 crore in the financial year 2014-15 and was ₹4953.17 crore in the previous year. The net of foreign exchange earning was ₹(-) 4092.12 crore during 2014-15.

PEC is one of the pioneering enterprises providing services in the field of export and import of bulk items viz. agricultural commodities, industrial raw materials, bullion and domestic trade and export of engineering equipment, projects etc.

#### **5.4.21 Power Grid Corporation of India Ltd. (PGCIL)**

PGCIL attained foreign exchange earnings of ₹38.04 crore in 2014-15 against the foreign exchange earnings of ₹316.67 crore in 2013-14, a decrease of ₹278.63 crore. The foreign exchange expenditure, however, stood at ₹4156.48 crore in the financial year 2014-15 and was ₹5334.22 crore in the previous year. The net foreign exchange earning was ₹(-) 4118.44 crore during 2014-15.

#### **5.4.22 Rashtriya Chemicals and Fertilizers Ltd. (RCFL)**

RCFL attained foreign exchange earnings of ₹0.73 crore in 2014-15 against the foreign exchange earnings of ₹1.68 crore in 2013-14. The foreign exchange expenditure, however, stood at ₹1103.68 crore in the financial year 2014-15 and was ₹828.68 crore in the previous year. The net foreign exchange earning was ₹(-) 1102.95 crore during 2014-15.

#### **5.4.23 Rashtriya Ispat Nigam Ltd.**

RINL attained foreign exchange earnings of ₹868.48 crore in 2014-15 against the foreign exchange earnings of ₹741.45 crore in 2013-14, an increase of ₹127.03 crore. The foreign exchange expenditure, however, stood at ₹3588.09 crore in the financial year 2014-15 and was ₹4027.51 crore in the previous year. The net foreign exchange earning was ₹(-) 2719.61 crore during 2014-15.

#### **5.4.24 Security Printing & Minting Corporation India Ltd. (SPMCIL)**

SPMCIL attained a foreign exchange earnings of ₹22.84 crore in 2014-15 against no foreign exchange earnings in 2013-14. The foreign exchange expenditure, however, stood at ₹1104.61 crore in the financial year 2014-15 against ₹826.23 crore in the previous year. The net foreign exchange earning was ₹(-) 1081.77 crore during 2014-15.

#### **5.4.25 Shipping Corporation of India Ltd.**

Shipping Corporation of India Ltd. attained a foreign exchange earnings of ₹4103.73 crore in 2014-15 against ₹4301.70 crore in 2013-14, a decrease of ₹197.97 crore. The foreign exchange expenditure, however, stood at ₹4183.32 crore in the financial year 2014-15 against ₹4570.06 crore in the previous year. The net foreign exchange earning was ₹(-) 79.59 crore during 2014-15.

The Company is engaged in providing sea transportation services with the help of container ships, offshore supply vessels, bulk carriers, crude oil tankers, phosphoric acid/chemical/LPG/Ammonia carriers, product carriers, anchor handling & towing ships and passenger cum cargo vessels both in India and all over the world.

The volume of export and import containers handled at major ports in India rose by 6.71 percent in the year

2014-15, from the year ago levels and total cargo tonnage inched up 4.65 percent, according to the tentative estimates of Indian Ports Association.

#### **5.4.26 State Trading Corporation of India Ltd.**

State Trading Corporation of India Ltd. attained a foreign exchange earnings of ₹126.38 crore in 2014-15 against ₹1780.96 crore in 2013-14, a decrease of ₹1654.58 crore. The foreign exchange expenditure, however, stood at ₹11191.18 crore in the financial year 2014-15 against ₹12393.80 crore in the previous year. The net of foreign exchange earning was ₹(-) 11064.80 crore during 2014-15.

The Corporation exports/imports a diverse range of items to/from countries all over the world. Its export basket includes wheat, rice, castor oil, tea, jute goods, sugar, other agro products, chemicals, pharmaceuticals, steel raw materials, iron ore, light engineering goods, construction materials, consumer goods, textiles, garments, etc. The Corporation also monitors counter trade/offsets commitments against high volume Government purchases.

The export turnover of ₹1,884 crore during the year is the best performance of the STC during the past six years. The import turnover ₹12,042 crore was 11% lower than the previous year mainly due to substantial decline in import of bullion.

#### **5.4.27 Steel Authority of India Ltd. (SAIL)**

SAIL attained foreign exchange earnings of ₹1567.68 crore in 2014-15 against foreign exchange earnings of ₹1497.01 crore in 2013-14, an increase of ₹70.67 crore. The foreign exchange expenditure, however, stood at ₹13584.07 crore in the financial year 2014-15 and was ₹16056.08 crore in the previous year. The net foreign exchange earning was ₹(-) 12016.39 crore during 2014-15.

SAIL had an export booking of 0.591 million tones, which was a significant growth over the previous year. Exports to neighboring markets, however, increased at a faster pace of 15% over the previous year. The Company exported Plates to Brazil for the 1st time and a prestigious export order of Stainless Steel Cold Rolled Coils for French Mint was executed successfully. During the Financial Year 2014-15, 532 new SAIL Dealers were appointed. With this, total number of SAIL dealers stood at 2711 as on 1st April, 2015.



During Financial Year 2014-15, total requirement of iron ore was met from captive sources. The Company's captive iron ore mines produced about 23.18 million tonnes (MT). However, in case of coking coal, around 14% requirement was met from indigenous sources (Coal India Limited & captive sources) and balance through imports (12.87 MT).

### **5.5 Share of India's Merchandise Trade in World's Export & Import.**

India's merchandise trade has been growing in importance over the years with the share in world exports and imports increasing, though gradually, from 0.7 per cent and 0.8 per cent respectively in 2000 to 1.69 per cent and 2.43 per cent respectively in 2014. India's ranking in the top merchandise exporters and importers in the world

has also improved from 31st in 2000 to 19th in 2014 in exports and from 26th to 12th for imports in the same years, as per the World Trade Organization (WTO). There has also been a marked improvement in India's total trade to GDP ratio from 21.8 per cent in 2000-01 to 53.6 per cent in 2013-14.

### **5.6 From the above it can be seen that CPSEs are net foreign exchange utilizer.**

Further out of 27 major CPSEs having foreign exchange earnings (FEE) or foreign exchange utilization (FEU) of more than ₹1000 crore only 4 are having net foreign exchange earnings. The petroleum sector and trading sector CPSEs are major net foreign exchange utilizers.

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## Foreign Exchange Earning (FEE) & Foreign Exchange Utilization (FEU) by CPSEs During 2014-15

(₹ in Lakhs)

S. No.	CPSE	FEE	FEU	Net FEE
1	ONGC Videsh Ltd.	974348	261625	712723
2	National Aluminium Company Ltd.	316071	31016	285055
3	Bharat Heavy Electricals Ltd.	543350	453976	89374
4	Air India Charters Ltd.	146686	85000	61686
5	IRCON International Ltd.	84164	42394	41770
6	Airports Authority of India	71152	33103	38049
7	RITES Ltd.	18822	1348	17474
8	Air India Air Transport Services Ltd.	15999	0	15999
9	Indian Rare Earths Ltd.	12942	402	12540
10	Engineers India Ltd.	22058	9881	12177
11	WAPCOS Ltd.	54469	44151	10318
12	Engineering Projects (India) Ltd.	59315	51444	7871
13	National Textile Corporation Ltd.	5811	157	5654
14	Telecommunications Consultants (India) Ltd.	31520	27518	4002
15	Central Cottage Industries Corporation of India Ltd.	2882	0	2882
16	Indian Railway Catering and Tourism Corporation Ltd.	2189	40	2149
17	IRCON Infrastructure & Services Ltd.	2677	617	2060
18	Karnataka Antibiotics & Pharmaceuticals Ltd.	2891	1201	1690
19	Hindustan Copper Ltd.	2041	675	1366
20	HMT (International) Ltd.	1693	506	1187
21	The Jute Corporation of India Ltd.	750	0	750
22	India Tourism Development Corporation Ltd.	1299	652	647
23	Projects & Development India Ltd.	377	62	315
24	Bharat Sanchar Nigam Ltd.	13553	13320	233
25	EdCIL(India) Ltd.	130	16	114
26	HLL Lifecare Ltd.	14658	14553	105
27	MECON Ltd.	304	200	104
28	Mahanagar Telephone Nigam Ltd.	545	509	36
29	National Film Dev. Corporation Ltd.	81	48	33
30	Millennium Telecom Ltd.	7	0	7
31	Hotel Corporation of India Ltd.	3	0	3
32	Assam Ashok Hotel Corporation Ltd.	2	0	2
33	Hooghly Printing Company Ltd.	0	1	-1
34	Indian Railway Stations Development Corporation Ltd.	0	1	-1
35	Braithwaite Burn & Jessop Construction Company Ltd.	0	2	-2
36	NHDC Ltd.	0	2	-2
37	HMT Bearings Ltd.	0	3	-3
38	National Seeds Corporation Ltd.	0	4	-4
39	Power System Operation Corporation Ltd.	0	6	-6
40	Cotton Corporation of India Ltd.	0	7	-7
41	Artificial Limbs Mfg. Corporation of India	13	20	-7
42	Bharat Broadband Network Ltd.	0	7	-7
43	Mineral Exploration Corporation Ltd.	0	8	-8
44	Solar Energy Corporation of India	0	12	-12

45	Mahanadi Coalfields Ltd.	0	12	-12
46	National Research Development Corporation.	0	14	-14
47	HMT Ltd.	5	31	-26
48	MOIL Ltd.	0	33	-33
49	BHEL Electrical Machines Ltd.	0	34	-34
50	Hindustan Organic Chemicals Ltd.	0	34	-34
51	National Building Construction Corporation Ltd.	0	36	-36
52	Certification Engineers International Ltd.	43	108	-65
53	Bharatiya Nabhiya Vidyut Nigam Ltd.	0	100	-100
54	Bharat Petro Resources JPDA	8	108	-100
55	Brahmaputra Valley Fertilizer Corporation Ltd.	0	115	-115
56	Hindustan Insecticides Ltd.	3025	3253	-228
57	Hindustan Fluorocarbons Limited	8	251	-243
58	Hindustan Antibiotics Ltd.	2	253	-251
59	Western Coalfields Ltd.	0	442	-442
60	Housing & Urban Dev. Corporation Ltd.	140	592	-452
61	National Small Industries Corporation Ltd.	30	510	-480
62	SJVN Ltd.	0	510	-510
63	Bharat Pumps & Compressors Ltd.	0	533	-533
64	India Trade Promotion Organisation	1309	1873	-564
65	Prize Petroleum Company Ltd.	0	624	-624
66	Bridge & Roof Co.(India) Ltd.	370	1009	-639
67	NEPA Ltd.	0	649	-649
68	Instrumentation Ltd.	5	664	-659
69	Rail Vikas Nigam Ltd.	0	761	-761
70	ITI Ltd.	0	787	-787
71	HSCC (India) Ltd.	0	919	-919
72	Central Mine Planning & Design Institute Ltd.	0	1235	-1235
73	Sail Refractory Company Ltd.	0	1410	-1410
74	HLL Biotech Ltd.	0	1425	-1425
75	Broadcast Engineering Consultants India Ltd.	32	1734	-1702
76	HMT Machine Tools Ltd.	240	1987	-1747
77	Container Corporation of India Ltd.	0	2012	-2012
78	Central Electronics Ltd.	109	2435	-2326
79	Heavy Engineering Corporation Ltd.	0	2799	-2799
80	Railtel Corporation India Ltd.	0	2842	-2842
81	Goa Shipyard Ltd.	20650	23494	-2844
82	Neyveli Lignite Corporation Ltd.	0	3551	-3551
83	Rajasthan Electronics And Instruments Ltd.	156	3902	-3746
84	South Eastern Coalfields Ltd.	0	3845	-3845
85	Hindustan Newsprint Ltd.	0	3899	-3899
86	KIOCL Ltd.	0	3938	-3938
87	Indian Renewable Energy Development Agency Ltd.	154	4335	-4181
88	BEML Ltd.	25846	30360	-4514
89	Central Coalfields Ltd.	0	4780	-4780
90	National Fertilizers Ltd.	0	4865	-4865
91	India Infrastructure Finance Co. Ltd.	286	5267	-4981
92	North Eastern Electric Power Corporation Ltd.	0	5125	-5125
93	Dredging Corporation of India Ltd.	0	7064	-7064
94	Mumbai Railway Vikas Corporation Ltd.	0	7245	-7245
95	Shipping Corporation of India Ltd.	410373	418332	-7959

96	Hindustan Shipyard Ltd.	100	8202	-8102
97	Northern Coalfields Ltd.	0	9227	-9227
98	Coal India Ltd.	0	9374	-9374
99	Madras Fertilizers Ltd.	0	10421	-10421
100	Pawan Hans Ltd.	0	10691	-10691
101	Bharat Immunologicals & Biologicals Corporation Ltd.	0	11371	-11371
102	Brahmaputra Crackers & Polymer Ltd.	0	11609	-11609
103	Mishra Dhatu Nigam Ltd.	0	12544	-12544
104	Balmer Lawrie & Company Ltd.	12588	26325	-13737
105	Dedicated Fright Corridor Corporation of India Ltd.	0	14131	-14131
106	Kolkata Metro Rail Corporation Ltd.	0	18010	-18010
107	THDC India Ltd.	0	19149	-19149
108	NHPC Ltd.	0	19699	-19699
109	Antrix Corporation Ltd.	27820	50569	-22749
110	NMDC Ltd.	0	24045	-24045
111	Garden Reach Shipbuilders & Engineers Ltd.	0	27098	-27098
112	Eastern Coalfields Ltd.	0	28961	-28961
113	Electronics Corporation of India Ltd.	38	32300	-32262
114	Power Finance Corporation Ltd.	0	32617	-32617
115	Air India Ltd.	891263	929731	-38468
116	Cochin Shipyard Ltd.	0	42176	-42176
117	Indian Railway Finance Corporation Ltd.	0	48599	-48599
118	Numaligarh Refinery Ltd.	0	49542	-49542
119	Bharat Dynamics Ltd.	155	53442	-53287
120	Rural Electrification Corporation Ltd.	0	60783	-60783
121	Oil India Ltd.	23	62506	-62483
122	Nuclear Power Corporation of India Ltd.	0	64531	-64531
123	Mazagon Dock Shipbuilders Ltd.	27954	109439	-81485
124	Security Printing & Minting Corporation India Ltd.	2284	110461	-108177
125	Rashtriya Chemicals And Fertilizers Ltd.	73	110368	-110295
126	Fertilizers & Chemicals (Travancore) Ltd.	0	120451	-120451
127	MSTC Ltd.	13	160348	-160335
128	Handicrafts & Handloom Exports Corporation of India Ltd.	3068	242145	-239077
129	Rashtriya Ispat Nigam Ltd.	86848	358809	-271961
130	NTPC Ltd.	341	375071	-374730
131	PEC Ltd.	57717	466929	-409212
132	Power Grid Corporation of India Ltd.	3804	415648	-411844
133	GAIL (India) Ltd.	64449	808849	-744400
134	Hindustan Aeronautics Ltd.	41729	1028852	-987123
135	State Trading Corporation of India Ltd.	12638	1119118	-1106480
136	MMTC Ltd.	229969	1380853	-1150884
137	Steel Authority of India Ltd.	156768	1358407	-1201639
138	Oil & Natural Gas Corporation Ltd.	502280	1891979	-1389699
139	Mangalore Refinery & Petrochemicals Ltd.	1950784	4913150	-2962366
140	Chennai Petroleum Corporation Ltd.	0	4018252	-4018252
141	Hindustan Petroleum Corporation Ltd.	531398	4711665	-4180267
142	Bharat Petroleum Corporation Ltd.	1236427	8073657	-6837230
143	Indian Oil Corporation Ltd.	1600999	19357252	-17756253
	Grand Total:	10307123	54455979	-44148856

### Loan (secured & unsecured) raised abroad by CPSEs during 2014-15

(₹in crore)

S.No.	Cognate Group/CPSEs	2014-15		2013-14	
		Secured Loan	Un Secured Loan	Secured Loan	Un Secured Loan
1	Eastern Coalfields Ltd.	0	164	0	162
2	Oil India Ltd.	0	8341	0	7810
3	ONGC Videsh Ltd.	0	17959	0	4804
4	Steel Authority of India Ltd.	0	10307	0	12501
5	Bharat Petroleum Corporation Ltd.	0	10056	0	16324
6	India Oil Corporation Ltd.	0	24181	0	44177
7	Mangalore Refinery& Petrochemicals Ltd.	3922	0	3894	0
8	National Fertilizers Ltd.	204	0	251	0
9	HLL Lifecare Ltd.	22	0	0	0
10	British India Corporation Ltd.	0	96	0	0
11	Neyveli Lignite Corporation Ltd.	0	467	0	598
12	North Eastern Electric Power Corporation Ltd.	0	400	0	416
13	NTPC Ltd.	0	22691	0	18653
14	Nuclear Power Corporation Of India Ltd.	0	1576	0	1512
15	SJVN Ltd.	0	2173	0	2124
16	THDC India Ltd.	0	162	0	93
17	Power Grid Corporation of India Ltd.	21891	4821	20360	4360
18	Airports Authority of India	0	42	0	43
19	Dredging Corporation of India Ltd.	864	0	1196	0
20	National Small Industries Corporation Ltd.	0	52	0	67
21	Housing & Urban Development Corporation Ltd.	0	509	0	578
22	Indian Railway Finance Corporation Ltd.	113	10770	127	13658
23	Indian Renewable Energy Development Agency Ltd.	95	2917	108	2293
24	Power Finance Corporation Ltd.	0	7679	0	5226
25	Rural Electrification Corporation Ltd.	0	13493	0	17313
26	Coastal Maharashtra Mega Power Ltd.	0	40	0	0
27	Kolkata Metro Rail Corporation Ltd.	0	1065	0	885

## Chapter 6

### Organizational Structure and Human Resource Management

#### 6.1 Organizational Structure of CPSEs

The Department of Public Enterprises formulates policy guidelines on the Board structure of Central Public Sector Enterprises (CPSEs) and advises on the shape and size of organizational structure of CPSEs. The CPSEs are categorized in four Schedules namely 'A', 'B', 'C' and 'D' based on various quantitative, qualitative and other factors. The quantitative factors considered in this regard are investment, capital employed, net sales, profit before tax, number of employees and units, capacity addition, revenue per employee, sales/capital employed, capacity utilization and value added per employee. Qualitative factors are: national importance, complexities of problems being faced by the company, level of technology, prospects for expansion and diversification of activities and competition from other sectors, etc. The other factors, wherever available, relate to Share price, MOU ratings, Maharatna/Navratna/Miniratna status and ISO certification and also the factor relating to the critical/strategic importance of the concerned CPSE. The pay scales of Chief Executives and full time Functional Directors in CPSEs are determined as per the schedule of the concerned CPSE.

The proposals received from concerned administrative Ministries for initial categorization/upgradation of CPSEs in appropriate schedule, personal upgradation, creation of posts in CPSEs, re-designation of Board level posts, etc. are considered in DPE in consultation with Public Enterprises Selection Board (PESB).

During 2014-15, 3 posts of Functional Directors, i.e. (i) Managing Director, (ii) Director (Finance) and (iii) Director (Operations & Business Development) were created on the Board of Bharat Petro Resources Limited. The post of Managing Director, India Tourism Development Corporation (ITDC) was re-designated as Chairman and Managing Director, ITDC by clubbing the post of MD, ITDC and part-time Chairman, ITDC.

As on 31.3.2015, there were 181 scheduled CPSEs, i.e. 64 Schedule 'A', 68 Schedule 'B', 45 Schedule 'C' and 4 Schedule 'D' CPSEs. The Schedule-wise list is at Annex-A.

#### 6.2 Appointment of Functional Directors of CPSEs

Functional Directors including Chief Executives of the CPSEs are appointed by the concerned Administrative Ministries/Departments on the basis of recommendations of Public Enterprises Selection Board (PESB). The Public Enterprises Selection Board was constituted by the Government of India vide its Resolution dated 3.3.1987. The PESB has been set up with the objective of evolving a sound managerial policy for the Central Public Sector Enterprises and, in particular, to advise Government on appointments to their top management posts. As per GOI Resolution, the PESB shall consist of a part-time or full-time chairperson and three full-time Members. The Government has laid down the guidelines for selection, appointment, procedure for confirmation and extension of tenure of Board level incumbents of CPSEs.

#### 6.3 Professionalization of Board of CPSEs

Department of Public Enterprises (DPE) formulates policy guidelines on the Board structure of CPSEs. In pursuance of the public sector policy being followed since 1991 several measures have been taken by the Department of Public Enterprises to professionalize the Boards of public enterprises. The guidelines issued in 1992, provide that outside professionals should be inducted on the Boards of CPSEs in the form of part-time non-official Directors and that the number of such Directors should be at least 1/3<sup>rd</sup> of the actual strength of the Board. In the case of listed CPSEs headed by executive Chairman, the number of non-official Directors (Independent Directors) should be at least half the strength of the Board. The guidelines also provide that the number of Government Directors on the Boards should be not more than one-sixth of the actual strength of the Board subject to a maximum of two. Apart from this, there should be some functional Directors on each Board whose number should not exceed 50% of the actual strength of the Board.

**6.3.1** As regards selection and appointment of non-official Directors on the Boards of CPSE, the following eligibility criteria has been prescribed:-



## **A. Criteria of Experience**

- i. Retired Government officials with a minimum of 10 years' experience at Joint Secretary level or above.
- ii. Persons who have retired as CMD/CEOs of CPSEs and Functional Directors of the Schedule 'A' CPSEs. The ex-Chief Executives and ex-Functional Directors of the CPSEs will not be considered for appointment as non-official Director on the Board of the CPSE from which they retire. Serving Chief Executives/Directors of CPSEs will not be eligible to be considered for appointment as non-official Directors on the Boards of any CPSEs.
- iii. Academicians/Directors of Institutes/Heads of Department and Professors having more than 10 years teaching or research experience in the relevant domain e.g. management, finance, marketing, technology, human resources, or law.
- iv. Professionals of repute having more than 15 years of relevant domain experience in fields relevant to the company's area of operation.
- v. Former CEOs of private companies if the company is (a) listed on the Stock Exchanges or (b) unlisted but profit making and having an annual turnover of at least ₹ 250 crore.
- vi. Persons of eminence with proven track record from Industry, Business or Agriculture or Management.
- vii. Serving CEOs and Directors of private companies listed on the Stock Exchanges may also be considered for appointment as part-time non-official Directors on the Boards of CPSEs in exceptional circumstances.

## **B. Criteria of Educational Qualification**

Minimum graduate degree from a recognized university.

## **C. Criteria of Age**

The age band should be between 45-65 years (minimum/maximum limit). This could, however, be relaxed for eminent professionals, for reasons to be recorded, being limited to 70 years.

## **D. Reappointment**

The non-official Directors, will not be re-appointed in the same CPSE after completing a maximum of two tenures, each tenure being for a period of three years.

## **E. Appointment in number of CPSEs at the same time**

One person will not be appointed as non-official Director on the Boards of more than three CPSEs at the same time.

## **F. Directorship in private companies**

A person being considered for appointment as non-official Director on the Board of CPSEs should not hold directorship in more than 10 private companies.

**6.3.2** The proposals for appointment of non-official Directors are initiated by the concerned Administrative Ministries/Departments. The selection of non-official Directors in respect of all CPSEs is made by the Search Committee which presently consists of Secretary (DoPT), Secretary (DPE), Secretary of the administrative Ministry/Department of the concerned CPSE and 2 non-official Members, viz. Smt. Pratima Dayal & Prof. Ravichandran Narasimhan. The concerned Administrative Ministry/Department appoints the non-official Directors on the basis of recommendations of Search Committee after obtaining the approval of competent authority. During the year 2014-15, the proposals for filling up 14 positions of non-official Directors on the Boards of 7 CPSEs were considered and suitable recommendations were conveyed to the concerned administrative Ministries/Departments.

**6.3.3** All administrative Ministries were requested to furnish the proposals for filling up existing vacant positions of non-official Directors and positions getting vacant in next six months on the Boards of CPSEs under their respective administrative jurisdiction.

**6.3.4** DPE, with the Institute of Chartered Accountants of India as knowledge partner, organized two workshops on 'Capacity Building of non-official and Government Directors of CPSEs' on 24<sup>th</sup> September, 2014 and 9<sup>th</sup> February, 2015 at New Delhi. Around 65 non-official and Government Directors of various CPSEs participated in these workshops and were sensitized about their role and responsibilities in the context of newly enacted Companies Act, 2013.

## 6.4 Corporate Governance in Central Public Sector Enterprises (CPSEs)

Keeping in view the importance of Corporate Governance principles in ensuring transparency and enhancing the trust of stakeholders and also the continued need to adopt and apply the good Corporate Governance practices in respect of CPSEs wherein huge public funds are invested, Government introduced Guidelines on Corporate Governance for CPSEs, on mandatory basis, in March, 2010.

These Guidelines are applicable to all CPSEs and cover issues like composition of Board of CPSEs, Audit Committee, Remuneration Committee, Subsidiary Companies, Disclosures, Code of Conduct and Ethics, Risk Management and Reporting, monitoring the compliance of Guidelines by the CPSEs and formation of Remuneration Committee. Since, the concept of Corporate Governance is dynamic in nature, it has also been provided that suitable modifications in these Guidelines would be carried out to bring them in line with prevailing laws, Regulations, Acts, etc. from time to time.

The DPE has also taken the initiative to grade CPSEs on the basis of their compliance with Guidelines and such grading will be used for MOU Awards. Keeping in view the importance of Corporate Governance in State Level Public Enterprises, all States have also been advised to implement these Guidelines. The salient features of these guidelines are as under.

### 6.4.1. Composition of Board and Conduct of Board meetings

In respect of the Board's composition, these Guidelines provide that the number of functional Directors should not exceed 50% of the actual strength of the Board; and the number of Government nominee Directors shall be restricted to maximum of two. In case of listed CPSEs with Executive Chairman, the number of non-official Directors shall be at least 50% of Board Members. In case of unlisted and listed CPSEs with Non-executive Chairman, at least one-third of the Board Members shall be non-official Directors. The Government has also laid down pre-defined criteria in terms of educational qualifications, age and experience in respect of persons to be considered for appointment as Non-official Directors. Relevant clauses have been incorporated in these guidelines to ensure 'independence' of Non-official Directors and avoid potential conflict

of interest. It has also been provided that the Directors nominated by any institution other than public financial institution will not be treated as Non-official Directors.

It has been further mandated that the Board meetings are to be held at least once in every 3 months and at least 4 such meetings held in a year and all relevant information is to be given to the Board. Further, the Board should lay down code of conduct for all members and senior management. In this regard, a model Code has been incorporated in the Guidelines to assist the CPSEs. The Guidelines inter alia provide that the Board should ensure integration and alignment of risk management system and the company should undertake suitable training programmes for its new Board Members.

### 6.4.2. Audit Committee

The provisions relating to Audit Committee require a qualified and independent Audit Committee to be set up by CPSEs with minimum three Directors as Members. Further, two-thirds of the members of this Committee should be Independent Directors with an Independent Director as Chairman. The Audit Committee has been given extensive powers with regard to financial matters of company and is required to meet at least 4 times in a year.

### 6.4.3. Subsidiary Companies

With regard to subsidiary companies, it has been provided that at least one Independent Director of holding company will be Director on the Board of subsidiary company and the Audit Committee of holding company will review financial statements of subsidiary company. All significant transactions and arrangements of subsidiary companies are required to be brought to the attention of Board of Directors of the holding company.

### 6.4.4. Disclosures

The provisions regarding disclosures require all transactions to be placed before the Audit Committee. The Guidelines mandate that while preparing financial statements, treatment should be as per prescribed Accounting Standards and if there are any deviations, the same are to be explicitly mentioned. Further, the Board is to be informed about risk assessment and minimization procedures and senior Management is to make disclosures to Board relating to all financial and commercial transactions where they have personal interest or may have a potential conflict.

### 6.4.5. Compliance

It has also been mandated in the Guidelines that Annual Report of companies should contain a separate section on Corporate Governance with details of compliance. The CPSEs will have to obtain a certificate from Auditors/ Company Secretary regarding compliance with these Guidelines. Chairman's speech in AGM will also carry a section on compliance with Corporate Governance Guidelines and will form part of the company's Annual Report. The CPSEs are required to submit quarterly compliance report to their administrative Ministries who will furnish a consolidated Annual Report to DPE.

**6.4.5.1** During the year, DPE finalized the grading of CPSEs on the basis of their compliance with Guidelines on Corporate Governance for CPSEs for the year 2013-14 and the list is enclosed at Annex – 6.2.

**6.4.5.2** DPE organized an interaction meeting on 9<sup>th</sup> May, 2014 at Gangtok on the issue of aligning DPE guidelines with provisions of Companies Act, 2013. More than 60 participants from various CPSEs, administrative Ministry, Government of Sikkim participated in this meeting.

**6.4.5.3** The matter of exemptions to Government companies from relevant provisions of Companies Act, 2013 was taken up with Ministry of Corporate affairs and a comprehensive reference was made to the Ministry of Corporate Affairs.

**6.4.5.4** DPE organized an interaction session with Company Secretaries of CPSEs on issues relating to grading of CPSEs on the basis of their compliance with Guidelines on Corporate Governance for CPSEs on 31<sup>st</sup> March, 2015 at New Delhi. The Company Secretaries of around 70 CPSEs participated in this interaction session.

### 6.5 Wage Policy and Manpower Rationalization

The Department of Public Enterprises (DPE) functions as the nodal Department for policy formulation inter-alia, in respect of pay revision of the executives holding posts at the Board level and below Board level and non-unionized supervisors, and also wage settlement of workmen in CPSEs. The Department also issues policy guidelines on perquisites, allowances and incentives for the executives and non-unionized supervisors. It renders advice to the Administrative Ministries/ Departments and the CPSEs in all matters relating to the pay structure

and scales of pay of the executives and the wage policy of workmen. The CPSEs largely follow the Industrial Dearness Allowance (IDA) pattern of scales of pay. Though, in some cases the Central Dearness Allowance (CDA) pattern of scales of pay are still being followed. DPE also issues DA orders for every quarter in respect of IDA employees. The DA orders for CDA employees are issued on six monthly basis.

### Industrial Dearness Allowance (IDA)

Government policy relating to pay structure and pay scales is that all employees of the CPSEs should be on the IDA pattern scales of pay. Instructions were issued by the DPE in July, 1981 and July, 1984 to all the administrative Ministries/ Departments that as and when a new CPSE is created or established, IDA pattern scales of pay should be adopted ab-initio. DPE vide its O.M. dated 12.06.1990, issued instructions that appointments, on or after 01.01.1989 in CDA scales of pay have to be in IDA scales of pay. In this regard it was subsequently (in August 2009) clarified that 'appointments' include 'promotion'. There were 298 CPSEs (excluding Banks, Insurance Companies and newly set up CPSEs), with approximately 12.91 lakhs workmen, clerical staff and executives as on 31.03.2015 under the administrative control of the Central Government. Of this, about 97% of the executives and workmen are on IDA pattern scales of pay. The remaining employees are on CDA pattern of pay scales.

### Second Pay Revision Committee

The Government, after due consideration of the recommendations of the 2nd Pay Revision Committee headed by Justice M.J. Rao (a retired judge of the Supreme Court) and also the recommendations of the Committee of Ministers, headed by the then Home Minister (Chidambaram Committee) issued orders vide DPE OM dated 26.11.2008, 09.02.2009 and 02.04.2009 regarding pay revision w.e.f. 01.01.2007 in respect of executives and non-unionized Supervisors of CPSEs following IDA pattern of pay scales.

The salient features of 2007 pay revision are as follows:-

- (i) The range of Pay scales is from ₹12,600-32,500 for the lowest executive grade E-0 and to ₹80,000-1,25,000 for the highest executive grade for the Chief Executives of Schedule 'A' CPSEs.



- (ii) A uniform fitment benefit was granted @ 30% on basic pay plus DA @ 78.2% as on 01.01.2007.
- (iii) The rate of increment is to be @ 3% of basic pay.
- (iv) Perks and allowances are allowed upto the maximum of 50% of basic pay, with provision of 'Cafeteria Approach'.
- (v) The range of PRP is from 40% of the basic pay for the below board level executives in E0 to E1 Grade, and 200% of the basic pay for the CMDs of Schedule A & B CPSEs .
- (vi) Superannuation benefits are permissible upto 30% of basic pay + D.A.
- (vii) Ceiling of gratuity in respect of executives and non-unionized supervisors was raised to ₹10.00 Lac w.e.f. 01.01.2007.
- (viii) Implementation of Pay Revision is linked to affordability of the CPSEs. The CPSEs have to finance pay revision from their own resources without any budgetary support.
- (ix) An Anomalies Committee comprising of the Secretaries of Departments of Public Enterprises, Expenditure and Personnel & Training is constituted to look into further specific issues/problems that may arise in the implementation of Government orders on the Pay Revision.
- (x) Enhanced allowances could be effective from 26.11.2008, instead of from the date of issue of Presidential Directive, provided the Presidential Directive is issued within one month of 02.04.2009.
- (xi) These benefits are to be extended to all CPSEs. Benefits as given in these O.Ms are to be viewed as a total package.

### Recommendations of Anomalies Committee

Within the terms of its constitution under DPE O.M. dated 26.11.2008, the Anomalies Committee has considered several aspects of the 2007 pay revision. Based on the recommendations of the Anomalies Committee DPE has issued orders regarding (i) Pay etc. of Government officers on deputation to CPSEs, (ii) Self Lease of residential accommodation, (iii) Medical Expenditure, (iv) Encashment of Leave (v) Benefit of bunching of increment, (vi) Procedure of pay fixation in some past cases of Board level executives, (vii) Protection of last drawn pay by Board level executives (viii) NPA

not to be considered as pay for the purpose of calculating other benefits (ix) no other allowance or perks to be kept outside the 50% ceiling except the '4' that have been provided for in DPE guidelines and (x) Non-inclusion of 'Under recoveries' in PBT for the purpose of calculating PRP.

### Wage Revision for Workmen under IDA pattern

DPE vide O.Ms dated 9.11.2006, 01.05.2008 and 13.06.2013 has issued policy guidelines for the 7th Round of Wage Negotiations (generally effective from 01.01.2007/01.01.2012) with the unionized workmen of CPSEs. Broadly similar to the earlier policy on the 6<sup>th</sup> Round of Wage Negotiations, the guidelines provide that administrative Ministries/Departments may take a decision on a case to case basis regarding the periodicity of wage settlement, which is to be below 10 years but not less than 5 years, with the approval of their Minister In-charge.

### Pay revision of employees under CDA Pattern in CPSEs

The pay scales and allowances of the employees of CPSEs following CDA pattern have been revised w.e.f. 01.01.2006 vide DPE O.Ms dated 14.10.2008 and 20.01.2009. The benefit of pay revision was allowed to the employees of those CPSEs that are not loss making and are in a position to absorb the expenditure on account of pay revision from their own resources without any budgetary support from the Government.

### Important policy guidelines issued during the period 2014 and 2015

DPE vide O.M. dated 24.06.2015 clarified and stated that para(xix) of DPE OM dated 21.05.2014 may be read as under:

"In case of Pension Scheme, ideally there should be no provision of 'commutation' since the provision of pension in 2007 pay revision guidelines was introduced so that employees have social security and get substantial monthly pension after superannuation".

### 6.6 Voluntary Retirement Scheme (VRS)

As a result of the restructuring in some Central Public Sector Enterprises (CPSEs), Government announced the Voluntary Retirement Scheme (VRS) in October, 1988. A comprehensive package was later notified by the Department of Public Enterprises (Government of India) in May, 2000. In view of the difficulties faced by some CPSEs where the wage revision of 1992 or 1997 (as the

case may be) could not be made effective, the VRS was further liberalized through subsequent notification of November, 2001. This notification, inter-alia, provides for 100% additional compensation for the employees where wage revision of 1992 could not be made effective. Similarly, 50% additional compensation was allowed for employees where wage revision of 1997 could not be made effective. The ex-gratia payment under VRS to employees following CDA pattern at 1986 scales of pay has been also enhanced by 50% w.e.f. 26.10.2004. These increases in VRS compensation are to be computed based on the existing pay of employees.

From the introduction of the VRS scheme in October 1988 till March 2015, approximately 6.19 lakh employees have been released under the scheme.

### 6.6.1 VRS in CPSEs that can support the scheme on their own

Enterprises, which are financially sound and can sustain VRS on their own, can frame their own schemes of VRS and make it attractive enough for employees to opt for it. They may offer as compensation upto 60 days salary (only Basic Pay +DA) for every completed year of service. Such compensation will, however, not exceed the salary for the balance period of the service left.

### 6.6.2 VRS in marginally profit or loss Making / sick / unviable CPSEs

Marginally profit /loss making CPSEs as well as sick and unviable units may adopt either of the following models:

**Gujarat Model**, under which the compensation is computed by allowing 35 days salary for every completed year of service and 25 days for each year of the balance service left until superannuation subject to the condition that compensation shall not exceed the sum of salary for the balance period left for superannuation.

**Department of Heavy Industry (DHI) model**, under which ex-gratia payment made is equivalent to 45 days emoluments (Pay + DA) for each completed year of service or the total emoluments for the balance period of service, whichever is less. The employees who have completed not less than 30 years of service will be eligible for a maximum of 60 (sixty) months salary/wage as compensation and this will be subject to the amount not exceeding the salary/wage for the balance period of service left.

## 6.7 Scheme of Counselling, Retraining and Redeployment

**6.7.1.** In the context of restructuring of Central Public Sector Enterprises (CPSEs), rationalization of manpower has become a necessity. The policy of the Government has been to implement reforms with a humane face and provide adequate safety net for the workers adversely affected due to right sizing. Considering the need to have safety net, Government had established the National Renewal Fund (NRF) in February, 1992 to cover the expenses of VRS and to provide retraining to the workers in the organized sector. The retraining activity was administered by Department of Industrial Policy & Promotion. After the abolition of NRF in February, 2000, the Scheme for Counselling, Retraining and Redeployment (CRR) of separated employees (VRS/VSS optees of CPSEs) is being implemented by Department of Public Enterprises since 2001-02. CRR Scheme was modified in November, 2007 in order to widen its scope and coverage. One dependent of VRS optee is also eligible in case the VRS optee himself/herself is not interested.

**6.7.2** The scheme for Counselling, Retraining and Redeployment (CRR) inter-alia aims to:

- reorient rationalized employees through short duration training programmes.
- equip them for new vocations.
- engage them in income generating self-employment.
- help them rejoin the productive process.

**6.7.3** The main elements of the CRR programme are Counselling, Retraining and Redeployment:

**Counselling** helps the rationalized employees to cope with the trauma of leaving the organization, to properly manage their funds including VRS compensation, to get motivated for facing challenges and to re-join the productive process. **Retraining** strengthens their skill/expertise. Selected training institutes impart need-based training in modules of 30 days / 45 days / 60 days. The faculty support is both internal and external. The approach is to provide classroom lectures as well as field experience. In the process, trainees interact with experts from various fields and are helped in preparation/ finalization of project reports. The retraining should lead to **Redeployment** mostly through self-employment. In the present scheme, the objective is to maximize the rate of self-employment. The Nodal Agencies, therefore, provide need-based support, linkage with

credit institutions and continuously follow up with the retrained personnel.

**6.7.4.** The Nodal Training Agencies are required to counsel VRS optees, impart training and reorientation, develop curriculum /materials, prepare feasibility report market survey, post training follow up, interface with credit institutions, support in self-employment, regular liaison with CPSEs etc.

**6.7.5.** CPSEs are the key to the success of the scheme. They are expected to extend all possible support for the welfare of the separated employees by clearing their compensation/dues before release. Long association with employees puts CPSEs in a better position to identify their retraining needs.

**6.7.6.** In the year 2014-15, plan fund to the tune of ₹4.90 crore was allocated for implementation of CRR Scheme. During the year, 7 nodal agencies were operational with 19 Employees Assistance Centres (EACs) located all over the country. Year wise number of persons trained under the scheme is shown as under:-

Year	Number of VRS optees trained
2001-02	8,064
2002-03	12,066
2003-04	12,134
2004-05	28,003
2005-06	32,158
2006-07	34,398
2007-08	9,728
2008-09	9,772
2009-10	7,400
2010-11	9,265
2011-12	9,400
2012-13	7,506
2013-14	3,340
2014-15	2,525
Total	1,85,759

**6.7.7.** List of nodal agencies operational in the year 2014-15 is as under:

Sl. No.	Name of the Nodal Agency
1	Central Institute of Plastics Engineering & Technology, Bhubaneswar
2	Indian Council of Small Industries, Kolkata
3	Institute of Leadership Development (ILD), Jaipur
4	KIIT School of Rural Management (KSRM), Bhubaneswar
5	MPCON Ltd., Bhopal
6	MITCON Consultancy Services Ltd., Pune
7	U.P. Industrial Consultants Ltd., Kanpur

## 6.8 Employment under Reserved Category

The Personnel and Recruitment Policies in respect of appointments against below Board level posts are formulated by the management of respective Central Public Sector Enterprises (CPSEs). However, on matters of general importance, policy guidelines are issued by the Government of India to the enterprises which are to be kept in view by the latter while framing their individual corporate policies. Furthermore, formal Presidential Directives are issued to CPSEs by the concerned administrative Ministries to ensure reservation in regard to employment for Scheduled Castes, Scheduled Tribes and Other Backward Classes (OBCs), on similar lines as applicable in the Central Government Ministries/ Departments.

The present quota for providing reservation for candidates belonging to Scheduled Castes, Scheduled Tribes and OBCs as well as other categories of persons entitled to reservation of vacancies is shown below:

**Table-6.2**  
**Quota for Reservation**

Category	Managerial / Executive Level / Supervisory Level	Workers Skilled	Workers Unskilled
Scheduled Castes (SC)	15%		
Scheduled Tribes (ST)	7.5%		
Other Backward Classes (OBC) (including sub-quota of 4.5% for minorities)	27%		
Physically Handicapped Persons (PH)	3%		
Ex-servicemen & Dependents of those killed in action	—	14.5%	24.5%



The need to ensure timely filling up of reserved posts and the backlog has been stressed through various instructions issued from time to time. All administrative Ministries/Departments have been requested to advise the CPSEs under their administrative control to take effective steps to fill up the unfilled reserved posts in Direct Recruitment as well as in Promotion in accordance with the existing instructions. Further, the DoPT has issued necessary instructions from time to time to launch Special Recruitment Drive(s) to fill up the backlog of reserved vacancies for SCs, STs & OBCs in CPSEs. DPE has also extended these instructions to all administrative Ministries/Departments dealing with CPSEs to fill up these vacancies in a time bound manner.

### 6.8.1 Reservation for SC/ST in CPSEs

A comprehensive Presidential Directive incorporating all important instructions on reservation for SCs and STs was issued by Department of Public Enterprises (DPE) to all the administrative Ministries/Departments concerned on 25th April, 1991 for formal issuance of the same to CPSEs. Necessary changes and modifications are also circulated to CPSEs through their administrative Ministries/Departments for information and compliance.

### 6.8.2 Reservation for OBC in CPSEs

Based on the recommendation of the Second Backward Classes Commission (Mandal Commission) and in accordance with the Supreme Court Judgement in the Indira Sawhney case, instructions were issued for providing reservation of 27% of vacancies in favour of Other Backward Classes (OBCs). The Department of Personnel & Training (DoPT) which formulates the policy in respect of reservation in services, has been issuing instructions from time to time on various aspects of reservation in favour of OBCs. Reservation for OBCs was made effective w.e.f. 8.9.1993. DPE has been extending these instructions to CPSEs through their administrative Ministries for compliance. A comprehensive Presidential Directive incorporating all instructions was forwarded by the Department of Public Enterprises to all administrative Ministries vide DPE OM dated 27th July, 1995 for formal issuance to the CPSEs under their control. DoPT instructions on allocation of a sub-quota of 4.5% for minorities within the 27% reservation for OBCs have been also extended vide DPE

O.M. dated 2nd January, 2012 to the administrative Ministries/Departments for implementation in CPSEs under their jurisdiction.

### 6.8.3 Reservation for Persons with Disabilities (PwD)

DPE has issued Presidential Directive on 11.3.1997 to all the administrative Ministries/Departments concerned with the CPSEs in follow-up of DoPT instructions for employment of physically handicapped persons in CPSEs. With the enactment of the Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995, the reservation to physically handicapped persons stood extended to identified Group 'A' and 'B' posts to be filled through Direct Recruitment. As per the Act, not less than 3% posts shall be reserved for Persons with Disabilities of which 1% each shall be reserved for persons suffering from (i) blindness or low vision (ii) hearing impairment and (iii) locomotor disability or cerebral palsy. All CPSEs have been advised to comply with the provisions of the Act and evolve a time frame by which the backlog of vacancies can be cleared. DPE has also issued instructions to ensure reservation for the Persons with Disabilities up to 3% of the vacancies occurring in a particular year (1% for Visually Handicapped, 1% for Hearing Handicapped and 1% for Orthopedically Handicapped).

### 6.8.4 Reservation for Ex-servicemen

DPE has also extended instructions regarding the scheme for reservation for Ex-servicemen in CPSEs through the administrative Ministries/Departments. Instructions streamlining the procedure for recruitment of Ex-servicemen have been also issued with a view to augment their in-take in CPSEs. Such CPSEs, which are in a position to offer agencies/dealerships, have been advised to reserve quota of such agencies/dealership for allotment to Ex-servicemen.

### 6.8.5 Status of Reservation in CPSEs

The representation of SCs / STs / OBC as on 31.3.2015 in CPSEs based on the information provided by CPSEs is shown in Table-6.3 below:-

Table-6.3

Group	Total No. of Employees	Total Reservation (5+7+9)	%	Representation of SCs /STs / OBCs in CPSEs as on 31.03.2015					
			(3/2)	SCs No.	%	STs No.	%	OBCs No.	%
1	2	3	4	5	6	7	8	9	10
Managerial/ Executives	262911	87717	33.36	38539	14.66	14234	5.41	34944	13.29
Supervisors	129996	34825	26.79	14282	10.99	6559	5.05	13984	10.76
Workers Skilled	647511	305793	47.23	127839	19.74	64091	9.90	113863	17.58
Workers Unskilled	248743	102391	41.16	40633	16.34	23220	9.33	38538	15.49
<b>Total</b>	<b>1289161</b>	<b>530726</b>	<b>41.17</b>	<b>221293</b>	<b>17.17</b>	<b>108104</b>	<b>8.39</b>	<b>201329</b>	<b>15.62</b>
Details are at Statement No.24 of volume-1									

### 6.9 Women Employment in CPSEs

The Personnel and Recruitment Policies in respect of appointments against below Board level posts are formulated by the management of respective CPSEs. Like in other sectors, women are employed in Central

Public Sector Enterprises also and their percentage of employment is about 9.45% as on 31.3.2015. The numbers of women employees in CPSEs in different groups / level such as managerial / executive level, supervisory level and workmen/clerical level during the last three years is shown in the Table(6.4) below.

Table 6.4

	Total Employees			Total female Employees			Female Employees as % of Total		
	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15	2012-13	2013-14	2014-15
Managerial/Executives	276387	270151	264497	26506	26186	26661	9.59	9.69	10.08
Supervisors	139966	129173	130208	10163	12176	9506	7.26	9.43	7.30
Workers	985166	949818	896469	92787	93931	85907	9.42	9.89	9.58
<b>Total</b>	<b>1401519</b>	<b>1349142</b>	<b>1291174</b>	<b>129456</b>	<b>132293</b>	<b>122074</b>	<b>9.24</b>	<b>9.81</b>	<b>9.45</b>

It is evident from the above table that Women employment in CPSEs during last three years has been between 9-10% approximately. CPSEs are providing maternity benefits to eligible women employees as per Maternity Benefit Act 1961. Also, the CPSEs have formed Internal Committees in respect of implementation of the Sexual Harassment of Women at Workplace. (Prevention, Prohibition and Redressal) Act, 2013.

## SCHEDULE-WISE LIST OF CENTRAL PUBLIC SECTOR ENTERPRISES AS ON MARCH, 2015

### Schedule - A

- |  |   |
|--|---|
| 1. Airports Authority of India                           | 33. Mangalore Refinery & Petrochemicals Ltd.              |
| 2. Air India Limited                                     | 34. Mazagon Dock Ltd.                                     |
| 3. Bharat Bhari Udyog Nigam Ltd.                         | 35. MECON Ltd.  |
| 4. BEML Ltd.   | 36. MOIL Limited  |
| 5. Bharat Electronics Ltd.                               | 37. Mumbai Railway Vikas Corporation Ltd.                 |
| 6. Bharat Heavy Electricals Ltd.                         | 38. National Aluminium Company Ltd.                       |
| 7. Bharat Petroleum Corporation Ltd.                     | 39. National Building Construction Corporation Ltd.       |
| 8. Bharat Sanchar Nigam Ltd.                             | 40. National Fertilizers Ltd.                             |
| 9. Central Warehousing Corporation.                      | 41. NHPC Ltd.   |
| 10. Coal India Ltd.                                      | 42. National Mineral Development Corporation Ltd.         |
| 11. Container Corporation of India Ltd.                  | 43. National Textiles Corporation Ltd.                    |
| 12. Dedicated Freight Corridor Corporation of India Ltd. | 44. NTPC Ltd.   |
| 13. Electronics Corporation of India Ltd.                | 45. Neyveli Lignite Corporation Ltd.                      |
| 14. Engineers India Ltd.                                 | 46. North Eastern Electric Power Corporation Ltd.         |
| 15. Fertilizers & Chemicals (Travancore) Ltd.            | 47. Oil & Natural Gas Corporation Ltd.                    |
| 16. Food Corporation of India                            | 48. Oil India Ltd.  |
| 17. GAIL (India) Ltd.                                    | 49. ONGC Videsh Ltd.                                      |
| 18. Heavy Engineering Corporation Ltd.                   | 50. Power Finance Corporation                             |
| 19. Hindustan Aeronautics Ltd.                           | 51. Power Grid Corporation of India Ltd.                  |
| 20. Hindustan Copper Ltd.                                | 52. RITES Ltd.  |
| 21. Hindustan Paper Corporation Ltd.                     | 53. RailTel Corporation of India Ltd.                     |
| 22. Hindustan Petroleum Corporation Ltd.                 | 54. Rail Vikas Nigam Ltd.                                 |
| 23. HMT Ltd.   | 55. Rashtriya Chemicals and Fertilizers Ltd.              |
| 24. Housing & Urban Development Corporation Ltd.         | 56. Rashtriya Ispat Nigam Ltd.                            |
| 25. I T I Ltd.   | 57. Rural Electrification Corporation Ltd.                |
| 26. Indian Oil Corporation Ltd.                          | 58. Satluj Jal Vidyut Nigam Ltd.                          |
| 27. IRCON International Ltd.                             | 59. Security Printing & Minting Corporation of India Ltd. |
| 28. Indian Railway Finance Corporation Ltd.              | 60. Shipping Corporation of India Ltd.                    |
| 29. Konkan Railway Corporation Ltd.                      | 61. State Trading Corporation of India Ltd.               |
| 30. Kudremukh Iron Ore Company Ltd.                      | 62. Steel Authority of India Ltd.                         |
| 31. MMTC Ltd.  | 63. Telecommunications Consultants (India) Ltd.           |
| 32. Mahanagar Telephone Nigam Ltd.                       | 64. THDC India Limited                                    |

**Schedule - B**

1. Andrew Yule & Company Ltd.
2. Balmer Lawrie & Company Ltd.
3. Bharat Coking Coal Ltd.
4. Bharat Dynamics Ltd.
5. Bharat Petro Resources Ltd.
6. Bharat Pumps & Compressors Ltd.
7. Brahmaputa Crackers & Polymers Ltd.
8. Brahmaputra Valley Fertilizer Corporation Ltd.
9. Biotechnology Industry Research Assistance Council
10. Braithwaite & Company Ltd.
11. Bridge & Roof Company (India) Ltd.
12. British India Corporation Ltd.
13. Burn Standard Company Ltd.
14. Cement Corporation of India Ltd.
15. Central Coalfields Ltd.
16. Central Electronics Ltd.
17. Central Mine Planning & Design Institute Ltd.
18. Chennai Petroleum Corporation Ltd.
19. Cochin Shipyard Ltd.
20. Cotton Corporation of India Ltd.
21. Dredging Corporation of India Ltd.
22. Eastern Coalfields Ltd.
23. Engineering Projects (India) Ltd.
24. Kamarajar Ports Ltd.
25. Fertilizer Corporation of India Ltd.
26. Garden Reach Shipbuilders & Engineers Ltd.
27. Goa Shipyard Ltd.
28. Handicrafts & Handlooms Export Corporation Ltd.
29. Hindustan Cables Ltd.
30. Hindustan Fertilizer Corporation Ltd.
31. HLL Lifecare Ltd.
32. Hindustan Newsprints Ltd.
33. Hindustan Organic Chemicals Ltd.
34. Hindustan Shipyard Ltd.
35. Hindustan Steelworks Construction Company Ltd.
36. Hindustan Vegetable Oils Corporation Ltd.
37. HMT (International) Ltd.
38. HMT Machine Tools Ltd.
39. HMT Watches Ltd.
40. India Tourism Development Corporation Ltd.
41. India Trade Promotion Organization
42. Indian Drugs & Pharmaceuticals Ltd.
43. Indian Railway Catering & Tourism Corporation Ltd.
44. Indian Rare Earths Ltd.
45. Indian Renewable Energy Development Agency Ltd.
46. Instrumentation Ltd.
47. M S T C Ltd.
48. Madras Fertilizers Ltd.
49. Mahanadi Coalfields Ltd.
50. Mineral Exploration Corporation Ltd.
51. Mishra Dhatu Nigam Ltd.
52. National Handloom Development Corporation Ltd.
53. National Jute Manufacturers Corporation Ltd.
54. National Projects Construction Corporation Ltd.
55. National Seeds Corporation Ltd.
56. National Small Industries Corporation Ltd.
57. Northern Coalfields Ltd.
58. Numaligarh Refinery Ltd.
59. Orissa Mineral Development Company Ltd.
60. PEC Ltd.
61. Pawan Hans Ltd.
62. Projects & Development India Ltd.
63. Scooters India Ltd.
64. South Eastern Coalfields Ltd.
65. Tyre Corporation of India Ltd.
66. Uranium Corporation of India Ltd.
67. WAPCOS Ltd.
68. Western Coalfields Ltd.

**Schedule - C**

1. Andaman & Nicobar Islands Forest & Plantation Development Corporation Ltd.
2. Artificial Limbs Mfg. Corporation of India
3. BBJ Construction Ltd.
4. Bengal Chemicals & Pharmaceuticals Ltd.
5. BHEL Electric Machines Ltd.
6. Bharat Wagon & Engineering Company Ltd.
7. Bisra Stone Lime Company Ltd.
8. Broadcast Engineering Consultants India Ltd.
9. Central Cottage Industries Corporation of India Ltd.
10. Central Inland Water Transport Corporation Ltd.
11. Central Railside Warehouse Company Ltd.
12. Certification Engineers International Ltd.
13. Delhi Police Housing Corporation
14. Educational Consultants (India) Ltd.
15. FCI Aravali Gypsum & Minerals (India) Ltd.
16. Ferro Scrap Nigam Ltd.
17. Hindustan Antibiotics Ltd.
18. Hindustan Insecticides Ltd.
19. Hindustan Photo Films Manufacturing Company Ltd.
20. Hindustan Prefab Ltd.
21. Hindustan Salts Ltd.
22. HMT Bearings Ltd.
23. HMT Chinar Watches Ltd.
24. Hooghly Dock and Port Engineers Ltd.
25. HSCC (India) Ltd.
26. Hotel Corporation of India Ltd.
27. Jute Corporation of India Ltd.
28. Karnataka Antibiotics & Pharmaceuticals Ltd
29. Nagaland Pulp & Paper Company Ltd.
30. National Backward Classes Finance & Development Corporation.
31. National Film Development Corporation Ltd.
32. National Handicapped Finance & Development Corporation.
33. National Minorities Development & Finance Corporation
34. National Research Development Corporation of India.
35. National SafaiKaramcharis Finance & Development Corporation.
36. National SC Finance & Development Corporation
37. National ST Finance & Development Corporation
38. NEPA Ltd.
39. North Eastern Handicrafts & Handloom Development Corporation Ltd.
40. North Eastern Regional Agricultural Marketing Corporation Ltd.
41. Rajasthan Electronics & Instruments Ltd.
42. Richardson & Cruddas (1972) Ltd.
43. STCL Ltd.
44. TriveniStructurals Ltd.
45. Tungabhadra Steel Products Ltd.

**Schedule - D**

1. Hindustan Fluorocarbons Limited
2. Indian Medicines Pharmaceutical Corporation Ltd.
3. Orissa Drugs & Chemicals Ltd.
4. Rajasthan Drugs & Pharmaceuticals Ltd.

Status of Grading Report of CPSEs for the year 2013-14			
S.No.	Name of CPSE (As per PE Survey)	Name of Administrative Ministry/Department	Grading for the year 2013-14
1	National Seeds Corpn. Ltd.	Agriculture & Cooperation	Excellent
2	State Farms Corporation of India Ltd.	Agriculture & Cooperation	Excellent
3	Electronics Corpn. of India Ltd.	Atomic Energy	Excellent
4	Uranium Corporation of India Ltd.	Atomic Energy	Very Good
5	Indian Rare Earths Ltd.	Atomic Energy	Excellent
6	Nuclear Power Corpn. of India Ltd.	Atomic Energy	Excellent
7	BharatiyaNabhikiyaVidyut Nigam Ltd.	Atomic Energy	Excellent
8	Indian Medicines & Pharmaceutical Corpn. Ltd.	AYUSH	Good
9	Biotechnology Industry Research Assistance Council	Biotechnology	Fair
10	Hindustan Fluorocarbons Limited	Chemicals & Petrochemicals	Excellent
11	Hindustan Insecticides Ltd.	Chemicals & Petrochemicals	Excellent
12	Tamil Nadu Trade Promotion Organisation	Commerce	Good
13	Karnataka Trade Promotion Organisation	Commerce	Excellent
14	STCL Ltd.	Commerce	Good
15	State Trading Corpn. of India Ltd.	Commerce	Excellent
16	M M T C Ltd.	Commerce	Excellent
17	P E C Ltd.	Commerce	Good
18	Export Credit Guarantee Corpn. of India Ltd.	Commerce	Excellent
19	India Trade Promotion Organisation	Commerce	Excellent
20	BEML Ltd.	Defence Production	Excellent
21	Vignyan Industries Ltd.	Defence Production	Excellent
22	Hindustan Shipyard Ltd.	Defence Production	Excellent
23	Mishra Dhatu Nigam Ltd.	Defence Production	Excellent
24	Garden Reach Shipbuilders & Engineers Ltd.	Defence Production	Excellent
25	Goa Shipyard Ltd.	Defence Production	Excellent
26	Bharat Electronics Ltd.	Defence Production	Excellent
27	Mazagon Dock Ltd.	Defence Production	Excellent
28	Hindustan Aeronautics Ltd.	Defence Production	Excellent
29	BEL Optronics Devices Ltd.	Defence Production	Good
30	Bharat Dynamics Ltd.	Defence Production	Excellent
31	Artificial Limbs Mfg. Corpn. of India	Disability Affairs	Excellent
32	Security Printing & Minting Corpn. India Ltd.	Economic Affairs	Excellent



33	National Informatics Centre Services Incorporated	Electronics and Information Technology	Excellent
34	Brahmaputra Valley Fertilizer Corpn. Ltd.	Fertilizers	Excellent
35	National Fertilizers Ltd.	Fertilizers	Excellent
36	Projects & Development India Ltd.	Fertilizers	Excellent
37	FCI Aravali Gypsum & Minerals (India) Ltd.	Fertilizers	Excellent
38	Fertilizers & Chemicals (Travancore) Ltd.	Fertilizers	Very Good
39	Madras Fertilizers Ltd.	Fertilizers	Excellent
40	Rashtriya Chemicals And Fertilizers Ltd.	Fertilizers	Excellent
41	Food Corpn. of India	Food & Public Distribution	Excellent
42	Central Railside Warehousing Co. Ltd.	Food and Public Distribution	Excellent
43	Central Warehousing Corpn.	Food and Public Distribution	Excellent
44	HSCC (India) Ltd.	Health and Family Welfare	Excellent
45	HLL Biotech Ltd.	Health and Family Welfare	Very Good
46	HLL Lifecare Ltd.	Health and Family Welfare	Excellent
47	HMT Ltd.	Heavy Industry	Good
48	HMT (International) Ltd.	Heavy Industry	Good
49	HMT Bearings Ltd.	Heavy Industry	Good
50	HMT Chinara Watches Ltd.	Heavy Industry	Good
51	HMT Watches Ltd.	Heavy Industry	Good
52	Cement Corpn. Of India Ltd.	Heavy Industry	Excellent
53	Bridge & Roof Co.(India) Ltd.	Heavy Industry	Excellent
54	NEPA Ltd.	Heavy Industry	Excellent
55	Bharat Pumps & Compressors Ltd.	Heavy Industry	Very Good
56	Hindustan Newsprint Ltd.	Heavy Industry	Poor (Report received after 15.9.2014)
57	Hindustan Salts Ltd.	Heavy Industry	Good
58	Sambhar Salts Ltd.	Heavy Industry	Good
59	Heavy Engineering Corpn. Ltd.	Heavy Industry	Very Good
60	Bharat Heavy Electricals Ltd.	Heavy Industry	Excellent
61	Engineering Projects (India) Ltd.	Heavy Industry	Excellent
62	BHEL Electrical Machines Ltd.	Heavy Industry	Poor
63	BBJ Construction Company Ltd.	Heavy Industry	Very Good (Report received after 8.8.2014 but before 15.9.2014)
64	Bharat BhariUdyog Nigam Ltd.	Heavy Industry	Very Good
65	Instrumentation Ltd.	Heavy Industry	Fair
66	Rajasthan Electronics And Instruments Ltd.	Heavy Industry	Excellent
67	Hindustan Paper Corporation Ltd.	Heavy Industry	Very Good
68	Nagaland Pulp & Paper Company Ltd.	Heavy Industry	Poor

69	Jagdishpur Paper Mills Ltd.	Heavy Industry	Poor
70	Bengal Chemicals & Pharmaceuticals Ltd.	Pharmaceuticals	Poor
71	Karnataka Antibiotics & Pharmaceuticals Ltd.	Pharmaceuticals	Good
72	Central Electronics Ltd.	Scientific & Industrial Research	Excellent
73	National Research Development Corpn.	Scientific & Industrial Research	Good
74	EdCIL(India) Ltd.	Higher Education	Very Good
75	National SafaiKaramcharis Finance &Devpt. Corpn	Social Justice & Empowerment	Excellent
76	Antrix Corporation Ltd.	Space	Excellent
77	Telecommunications Consultants (India) Ltd.	Telecommunications	Excellent
78	ITI Ltd.	Telecommunications	Excellent
79	Bharat Broadband Network Ltd.	Telecommunications	Very Good
80	Mahanagar Telephone Nigam Ltd.	Telecommunications	Very Good
81	Millennium Telecom Ltd.	Telecommunications	Excellent
82	Bharat Sanchar Nigam Ltd.	Telecommunications	Excellent
83	Air India Ltd.	Civil Aviation	Very Good
84	Pawan Hans Helicopters Ltd.	Civil Aviation	Good
85	Central Mine Planning & Design Institute Ltd.	Coal	Excellent
86	Neyveli Lignite Corpn. Ltd.	Coal	Excellent
87	NLC Tamil Nadu Power Ltd.	Coal	Excellent
88	Eastern Coalfields Ltd.	Coal	Excellent
89	South Eastern Coalfields Ltd.	Coal	Excellent
90	Central Coalfields Ltd.	Coal	Excellent
91	Northern Coalfields Ltd.	Coal	Very Good
92	Bharat Coking Coal Ltd.	Coal	Excellent
93	Mahanadi Coalfields Ltd.	Coal	Excellent
94	Mahanadi Basin Power Ltd.	Coal	Good
95	Western Coalfields Ltd.	Coal	Excellent
96	Coal India Ltd.	Coal	Excellent
97	North Eastern Regional Agri. Marketing Corp.Ltd.	Development of North Eastern Region	Very Good
98	Hindustan Prefab Ltd.	Housing & Urban Poverty Alleviation	Excellent
99	Housing & Urban Dev. Corpn. Ltd.	Housing & Urban Poverty Alleviation	Excellent
100	National Film Dev. Corpn. Ltd.	Information & Broadcasting	Excellent
101	Broadcast Engg. Consultants India Ltd.	Information & Broadcasting	Very Good
102	National Small Industries Corpn. Ltd.	Micro, Small & Medium Enterprises	Excellent
103	Mineral Exploration Corpn. Ltd.	Mines	Excellent
104	Hindustan Copper Ltd.	Mines	Excellent

105	National Aluminium Company Ltd.	Mines	Excellent
106	National Minorities Dev. & Finance Corporation	Minority Affairs	Excellent
107	Indian Renewable Energy Devt. Agency Ltd.	New and Renewable Energy	Excellent
108	CREDA HPCL Biofuel Ltd.	Petroleum & Natural Gas	Good (Report received after 8.8.2014 but before 15.9.2014)
109	Oil & Natural Gas Corporation Ltd.	Petroleum & Natural Gas	Excellent
110	Indian Oil Corporation Ltd.	Petroleum & Natural Gas	Excellent
111	GAIL (India) Ltd.	Petroleum & Natural Gas	Excellent
112	Hindustan Petroleum Corpn. Ltd.	Petroleum & Natural Gas	Excellent
113	Bharat Petroleum Corpn. Ltd.	Petroleum & Natural Gas	Excellent
114	Oil India Ltd.	Petroleum & Natural Gas	Excellent
115	Engineers India Ltd.	Petroleum & Natural Gas	Excellent
116	Balmer Lawrie & Co. Ltd.	Petroleum & Natural Gas	Excellent
117	ONGC Videsh Ltd.	Petroleum & Natural Gas	Excellent
118	NumaligarhRefinery Ltd.	Petroleum & Natural Gas	Excellent
119	Mangalore Refinery & Petrochemicals Ltd.	Petroleum & Natural Gas	Excellent
120	Chennai Petroleum Corporation Ltd.	Petroleum & Natural Gas	Excellent
121	Biecco Lawrie & Co. Ltd.	Petroleum & Natural Gas	Good
122	Balmer Lawrie Investments Ltd.	Petroleum & Natural Gas	Very Good
123	Bharat Petro Resources Ltd.	Petroleum & Natural Gas	Excellent
124	Certification Engineers International Ltd.	Petroleum & Natural Gas	Excellent
125	GAIL Gas Ltd.	Petroleum & Natural Gas	Excellent
126	Indian Oil-Creda Biofuels Ltd.	Petroleum & Natural Gas	Very Good
127	Prize Petroleum Company Ltd.	Petroleum & Natural Gas	Excellent
128	Bharat Petro Resources JPDA Limited	Petroleum & Natural Gas	Excellent
129	Brahmaputra Cracker & Polymer Ltd.	Petroleum & Natural Gas	Excellent
130	HPCL Biofuels Ltd.	Petroleum & Natural Gas	Excellent
131	Power Finance Corporation	Power	Excellent
132	NHPC Ltd.	Power	Excellent
133	NTPC Ltd.	Power	Excellent
134	THDC India Ltd.	Power	Excellent
135	Power Grid Corporation of India Ltd.	Power	Excellent
136	Rural Electrification Corpn. Ltd.	Power	Excellent

137	REC Power Distribution Co. Ltd.	Power	Very Good
138	REC Transmission Project Co. Ltd.	Power	Excellent
139	NTPC Electric Supply Company Ltd.	Power	Excellent
140	NTPC VidyutVyapar Nigam Ltd.	Power	Excellent
141	Power System Operation Corporation Ltd.	Power	Excellent
142	North Eastern Electric Power Corporation Ltd.	Power	Excellent
143	SJVN Ltd.	Power	Excellent
144	Kanti Bijlee Utpadan Nigam Ltd.	Power	Excellent
145	Loktak Downstream Hydroelectric Corporation Ltd.	Power	Good
146	Bhartiya Rail Bijlee Co. Ltd.	Power	Excellent
147	NHDC Ltd.	Power	Very Good
148	BITES Ltd.	Railways	Excellent
149	IRCON International Ltd.	Railways	Excellent
150	Konkan Railway Corporation Ltd.	Railways	Excellent
151	Mumbai Railway Vikas Corporation Ltd.	Railways	Excellent
152	Railtel Corporation India Ltd.	Railways	Excellent
153	Indian Railway Catering And Tourism Corpn. Ltd.	Railways	Excellent
154	Rail Vikas Nigam Ltd.	Railways	Excellent
155	Indian Railway Finance Corporation Ltd.	Railways	Excellent
156	Container Corporation of India Ltd.	Railways	Excellent
157	Dedicated Freight Corridor Corp. of India Ltd.	Railways	Excellent
158	Bharat Wagon & Engg. Co. Ltd.	Railways	Fair
159	Burn Standard Company Ltd.	Railways	Very Good
160	Braithwaite & Co. Ltd.	Railways	Excellent
161	Cochin Shipyard Ltd.	Shipping	Excellent
162	Shipping Corporation of India Ltd.	Shipping	Excellent
163	Dredging Corpn. of India Ltd.	Shipping	Excellent
164	Central Inland Water Transport Corpn. Ltd.	Shipping	Very Good
165	Kamarajar Port Ltd.	Shipping	Excellent
166	National Scheduled Castes Finance & Devp. Corpn.	Social Justice & Empowerment	Excellent
167	National Handicapped Finance & Devpt. Corpn.	Social Justice & Empowerment	Very Good
168	National Backward Classes Finance & Dev. Corporation	Social Justice & Empowerment	Excellent
169	Rashtriya Ispat Nigam Ltd.	Steel	Excellent
170	Ferro Scrap Nigam Ltd.	Steel	Good
171	M S T C Ltd.	Steel	Excellent
172	Steel Authority of India Ltd.	Steel	Excellent
173	NMDC Ltd.	Steel	Excellent
174	Orissa Mineral Development Company Ltd.	Steel	Excellent
175	Hindustan Steelworks Costn. Ltd.	Steel	Excellent

176	KIOCL Ltd.	Steel	Excellent
177	MECON Ltd.	Steel	Excellent
178	MOIL Ltd.	Steel	Excellent
179	Eastern Investment Ltd.	Steel	Very Good
180	Bisra Stone Lime Company Ltd.	Steel	Very Good
181	Jute Corpn. of India Ltd.	Textiles	Very Good
182	Handicrafts & Handloom Exports Corp. of India Ltd.	Textiles	Excellent
183	Cotton Corpn. of India Ltd.	Textiles	Excellent
184	National Textile Corpn. Ltd.	Textiles	Excellent
185	National Handloom Development Corporation Ltd.	Textiles	Very Good (Report received after 8.8.2014 but before 15.9.2014)
186	India Tourism Dev. Corpn. Ltd.	Tourism	Excellent
187	Assam Ashok Hotel Corpn. Ltd.	Tourism	Very Good
188	Pondicherry Ashok Hotel Corpn. Ltd.	Tourism	Good
189	Donyi Polo Ashok Hotel Ltd.	Tourism	Good
190	Madhya Pradesh Ashok Hotel Corpn. Ltd.	Tourism	Good
191	Ranchi Ashok Bihar Hotel Corpn. Ltd.	Tourism	Good
192	National Scheduled Tribes Finance & Devp. Corpn.	Tribal Affairs	Very Good
193	National Bldg. Constn. Corpn. Ltd.	Urban Development	Excellent
194	National Projects Construction Corpn. Ltd.	Water Resources	Excellent
195	WAPCOS Ltd.	Water Resources	Excellent
196	SAIL Refractory Company Ltd.	Steel	Poor ( Report not received in prescribed format)
197	Hindustan Vegetable Oils Corpn. Ltd.	Food and Public Distribution	Under Liquidation
198	Punjab Ashok Hotel Company Ltd.	Tourism	Exempted (Closed unit)
199	Utkal Ashok Hotel Corpn. Ltd.	Tourism	Exempted (Closed unit)
200	Kumarakruppa Frontier Hotels Ltd.	Tourism	Exempted (Closed unit)
201	MJSJ Coal Ltd.	Coal	(Poor) Not Received
202	MNH Shakti Ltd.	Coal	(Poor) Not Received
203	India Infrastructure Finance Co. Ltd.	Financial Services	Exempted (SPV)
204	Fertilizer Corpn. of India Ltd.	Fertilizers	Exempted (Closed unit)
205	Hindustan Fertilizer Corpn. Ltd.	Fertilizers	Exempted (Closed unit)
206	Andaman & Nicobar Isl. Forest & Plantation Dev. Corp.Ltd	Environment and Forests	Exempted (Closed unit)

207	Birds Jute & Exports Ltd.	Textiles	Exempted (Closed unit)
208	ChhattishgarhSurguja Power Ltd.	Power	Exempted (SPV)
209	Coastal Karnataka Power Ltd.	Power	Exempted (SPV)
210	Coastal Maharashtra Mega Power Ltd.	Power	Exempted (SPV)
211	Coastal Tamil Nadu Power Ltd.	Power	Exempted (SPV)
212	DGEN Transmission Company Ltd.	Power	Exempted (SPV)
213	Ghogarpalli Integrated Power Company Ltd.	Power	Exempted (SPV)
214	Orissa Integrated Power Ltd.	Power	Exempted (SPV)
215	Sakhigopal Integrated Power Company Ltd.	Power	Exempted (SPV)
216	Tatiya Andhra Mega Power Ltd.	Power	Exempted (SPV)
217	AnushaktiVidhyut Nigam Ltd.	Atomic Energy	(Poor) Not Received
218	Bharat Immunologicals& Biologicals Corp. Ltd.	Biotechnology	(Poor) Not Received
219	Hindustan Organic Chemicals Ltd.	Chemicals and Petrochemicals	(Poor) Not Received
220	Irrigation & Water Resources Finance Corporation Ltd.	Financial Services	(Poor) Not Received
221	Andrew Yule & Company Ltd.	Heavy Industry	(Poor) Not Received
222	Hindustan Cables Ltd.	Heavy Industry	(Poor) Not Received
223	Scooters India Ltd.	Heavy Industry	(Poor) Not Received
224	Tyre Corporation of India Ltd.	Heavy Industry	(Poor) Not Received
225	Hindustan Photo Films Manufacturing Co. Ltd.	Heavy Industry	(Poor) Not Received
226	Richardson & Cruddas (1972) Ltd.	Heavy Industry	(Poor) Not Received
227	TriveniStructurals Ltd.	Heavy Industry	(Poor) Not Received
228	Tungabhadra Steel Products Ltd.	Heavy Industry	(Poor) Not Received
229	Bharat Heavy Plate & Vessels Ltd.	Heavy Industry	(Poor) Not Received
230	HMT Machine Tools Ltd.	Heavy Industry	(Poor) Not Received
231	Hooghly Printing Company Ltd.	Heavy Industry	(Poor) Not Received
232	Indian Drugs & Pharmaceuticals Ltd.	Pharmaceuticals	(Poor) Not Received
233	Hindustan Antibiotics Ltd.	Pharmaceuticals	(Poor) Not Received
234	Rajasthan Drugs & Pharmaceuticals Ltd.	Pharmaceuticals	(Poor) Not Received
235	Orissa Drugs & Chemicals Ltd.	Pharmaceuticals	(Poor) Not Received
236	IDPL (Tamilnadu) Ltd.	Pharmaceuticals	(Poor) Not Received
237	TCIL Bina Toll Road Ltd.	Telecommunications	(Poor) Not Received
238	Airports Authority Of India Ltd.	Civil Aviation	(Poor) Not Received
239	Hotel Corpn. of India Ltd.	Civil Aviation	(Poor) Not Received
240	Air India Air Transport Services Ltd.	Civil Aviation	(Poor) Not Received
241	Air India Charters Ltd.	Civil Aviation	(Poor) Not Received
242	Airline Allied Services Ltd.	Civil Aviation	(Poor) Not Received



243	Air India Engineering Services Ltd.	Civil Aviation	(Poor) Not Received
244	North Eastern Handicrafts& Handloom Dev. Corpn. Ltd.	North Eastern Region	(Poor) Not Received
245	Delhi Police Housing Corporation Ltd.	Home Affairs	(Poor) Not Received
246	PFC Capital Advisory Service Ltd.	Power	(Poor) Not Received
247	PFC Consulting Ltd.	Power	(Poor) Not Received
248	NTPC Hydro Ltd.	Power	(Poor) Not Received
249	PFC Green Energy Ltd.	Power	(Poor) Not Received
250	Power Equity Capital Advisors Pvt. Ltd.	Power	(Poor) Not Received
251	Darbhanga - Motihari Transmission Company Ltd.	Power	(Poor) Not Received
252	Deoghar Mega Power Ltd.	Power	(Poor) Not Received
253	Neyveli Uttar Pradesh Power Ltd	Power	(Poor) Not Received
254	Patran Transmission Company Ltd.	Power	(Poor) Not Received
255	Power Grid NM Transmission Ltd.	Power	(Poor) Not Received
256	Power Grid Vemagiri Transmission Ltd.	Power	(Poor) Not Received
257	Purulia& Kharagpur Transmission Company Ltd.	Power	(Poor) Not Received
258	RAPP Transmission Company Ltd.	Power	(Poor) Not Received
259	Rites Infrastructure Services Ltd.	Railways	(Poor) Not Received
260	High Speed Rail Corporation Of India Ltd.	Railways	(Poor) Not Received
261	Indian Railway Stations Devpt. Corporation Ltd.	Railways	(Poor) Not Received
262	Fresh & Healthy Enterprises Ltd.	Railways	(Poor) Not Received
263	Iron Infrastructure & Services Ltd.	Railways	(Poor) Not Received
264	Concor Air Ltd.	Railways	(Poor) Not Received
265	SidculConcor Infra Company Ltd.	Railways	(Poor) Not Received
266	Indian Vaccine Corp. Ltd.	Science and Technology	(Poor) Not Received
267	Hooghly Dock And Port Engineers Ltd.	Shipping	(Poor) Not Received
268	SethusamudramCorpn. Ltd.	Shipping	(Poor) Not Received
269	NMDC-CMDC Ltd.	Steel	(Poor) Not Received
270	J & K Mineral Development Corpn. Ltd.	Steel	(Poor) Not Received
271	NMDC Power Ltd.	Steel	(Poor) Not Received
272	Jharkhand National Mineral Devpt. Corporation Ltd.	Steel	(Poor) Not Received
273	Sail Sindri Projects Ltd.	Steel	(Poor) Not Received
274	British India Corporation Ltd.	Textile	(Poor) Not Received
275	National Jute Manufactures Corporation Ltd.	Textile	(Poor) Not Received
276	Central Cottage Industries Corpn. Of India Ltd.	Textile	(Poor) Not Received
277	Sail Jagdishpur Power Plant	Steel	(Poor) Not Received

## Chapter 7

### DELEGATION OF ENHANCED FINANCIAL POWERS TO CPSEs

The Board of Directors of a CPSE exercise the delegated powers subject to broad policy guidelines issued by Government from time to time. The Government has granted enhanced powers to the Boards of Maharatna, Navratna, Miniratna and other profit making enterprises.

#### 7.1 Maharatna Scheme

The Government introduced Maharatna scheme in February, 2010 with the objective to delegate enhanced powers to the Boards of identified large sized Navratna CPSEs so as to facilitate expansion of their operations, both in domestic as well as global markets.

**7.1.1 Eligibility criteria for grant of Maharatna status:** - The CPSEs fulfilling the following criteria are eligible to be considered for grant of Maharatna status:-

- a) Having Navratna status
- b) Listed on Indian stock exchange, with minimum prescribed public shareholding under SEBI regulations
- c) An average annual turnover during the last 3 years of more than ₹ 25,000 crore
- d) An average annual net worth during the last 3 years of more than ₹ 15,000 crore
- e) An average annual net profit after tax during the last 3 years of more than ₹ 5,000 crore
- f) Significant global presence or international operations.

**7.1.2 Delegation of powers to Maharatna CPSEs :-** The Maharatna CPSEs in addition to having Navratna powers have been delegated additional powers in the area of investment in joint ventures/subsidiaries and human resources development. The Maharatna CPSEs can invest ₹5,000 crore in one project (₹1,000 crore for Navratna CPSEs) and create below Board level posts upto E-9 level (E-6 for Navratna CPSEs).

**7.1.3 Maharatna CPSEs :-** The Government has granted Maharatna status to 7 CPSEs namely, (i) Bharat Heavy Electricals Limited, (ii) Coal India Limited, (iii) GAIL (India) Limited, (iv) Indian Oil Corporation

Limited, (v) NTPC Limited, (vi) Oil & Natural Gas Corporation Limited and (vii) Steel Authority of India Limited.

7.1.4 During the year 2014-15, the Inter Ministerial Committee reviewed the performance of all 7 Maharatna CPSEs.

#### 7.2 Navratna scheme

The Government introduced the Navratna scheme in July, 1997 to identify and delegate enhanced powers to CPSEs having comparative advantage and the potential to become global players.

7.2.1 As per the criteria laid down by the Government, Miniratna Category – 1 and Schedule ‘A’ CPSEs, which have obtained ‘excellent’ or ‘very good’ rating under the Memorandum of Understanding system in three of the last five years, and have a composite score of 60 or above in six selected performance parameters are eligible to be considered for grant of Navratna status.

#### 7.2.2 Delegation of Powers to Navratna CPSEs

The powers delegated to the Boards of Navratna CPSEs are as under: -

(i) **Capital Expenditure:** - The Navratna CPSEs have the powers to incur capital expenditure on purchase of new items or for replacement, without any monetary ceiling.

(ii) **Technology Joint Ventures and Strategic Alliances :-** The Navratna CPSEs have the powers to enter into technology joint ventures or strategic alliances and obtain, by purchase or other arrangements, technology and know-how.

(iii) **Organization Restructuring:-** The Navratna CPSEs have the powers to effect organizational restructuring including establishment of profit centers, opening of offices in India and abroad, creating new activity centers, etc.

(iv) **Human Resources Management:-** The Navratna CPSEs have been empowered to create and wind up all posts up to E-6 level and make all appointments up to this level. The Boards of these CPSEs have further been empowered to effect internal transfers and re-designation of posts. The Board of Directors of Navratna CPSEs have the power to further delegate the powers relating to

Human Resource Management (appointments, transfer, posting, etc.) of below Board level executives to sub-committees of the Board or to executives of the CPSE, as may be decided by the Board of the CPSE.

(v) **Resource Mobilization:** - These CPSEs have been empowered to raise debt from the domestic capital markets and for borrowings from international market, subject to condition that approval of RBI/Department of Economic Affairs, as may be required, should be obtained through the administrative Ministry.

(vi) **Joint ventures and Subsidiaries :-** The Navratna CPSEs have been delegated powers to establish financial joint ventures and wholly owned subsidiaries in India or abroad with the stipulation that the equity investment of the CPSE should be limited to the following: -

- ii. ₹1000 crore in any one project,
- iii. 15% of the net worth of the CPSE in one project,
- iv. 30% of the net worth of the CPSE in all joint ventures/ subsidiaries put together.

(vii) **Mergers and acquisitions:-** The Navratna CPSEs have been delegated powers for mergers and acquisitions subject to the conditions that (i) it should be as per the growth plan and in the core area of functioning of the CPSE, (ii) conditions/limits would be as in the case of establishing joint ventures/subsidiaries, and (iii) the Cabinet Committee on Economic Affairs would be kept informed in case of investments abroad. Further, the powers relating to Mergers and Acquisitions are to be exercised in such a manner that it should not lead to any change in the public sector character of the concerned CPSEs.

(viii) **Creation/Disinvestment in subsidiaries:-** The Navratna CPSEs have powers to transfer assets, float fresh equity and divest shareholding in subsidiaries subject to the condition that the delegation will be in respect of subsidiaries set up by the holding company under the powers delegated to the Navratna CPSEs and further to the proviso that the public sector character of the concerned CPSE (including subsidiary) would not be changed without prior approval of the Government and such Navratna CPSEs will be required to seek Government approval before exiting from their subsidiaries.

(ix) **Tours abroad of functional Directors:** - The Chief Executives of Navratna CPSEs have been delegated powers to approve business tours abroad of functional directors up to 5 days' duration (other than study tours, seminars, etc.) in emergency under intimation to the Secretary of the administrative Ministry.

### 7.2.3 The above mentioned delegation of powers is subject to the following conditions and guidelines:-

- a) The proposals must be presented to the Board of Directors in writing and reasonably well in advance, with an analysis of relevant factors and quantification of the anticipated results and benefits. Risk factors if any, must be clearly brought out.
- b) The Government Directors, the Financial Directors and the concerned Functional Director(s) must be present when major decisions are taken, especially when they pertain to investments, expenditure or organizational/ capital restructuring.
- c) The decisions on such proposals should, preferably, be unanimous.
- d) In the event of any decision on important matters not being unanimous, a majority decision may be taken, but at least two thirds of the Directors should be present, including those mentioned in (b) above, when such a decision is taken. The objections, dissents, the reasons for over-ruling them and those for taking the decision should be recorded in writing and minuted.
- e) No financial support or contingent liability on the part of the Government should be involved.
- f) These CPSEs will establish transparent and effective systems of internal monitoring, including the establishment of an Audit Committee of the Board with membership of non-official Directors.
- g) All the proposals, where they pertain to capital expenditure, investment or other matters involving substantial financial or managerial commitments or where they would have a long term impact on the structure and functioning of the CPSE, should be prepared by or with the assistance of professionals and experts and should be appraised, in suitable cases, by financial institutions or reputed professional organizations with expertise in the areas. The financial appraisal should also preferably be backed by an involvement of the appraising institutions through loans or equity participation.
- h) The exercise of authority to enter into technology joint ventures and strategic alliances shall be in accordance with the Government guidelines as may be issued from time to time.

- i) The Boards of these CPSEs should be restructured by inducting at least four non-official Directors as the first step before the exercise of the enhanced delegation of authority.
- j) These public sector enterprises shall not depend upon budgetary support or Government guarantees. The resources for implementing their programmes should come from their internal or through other sources, including the capital markets. However, wherever Government guarantee is required under the standard stipulations of external donor agencies, the same may be obtained from the Ministry of Finance through the administrative Ministry. Such Government guarantee shall not affect the Navratna status. Further, budgetary support to implement Government sponsored projects of national interest and Government sponsored Research & Development projects will not disqualify CPSEs from retaining their Navratna status. However, for such projects, investment decisions will be taken by the Government and not by the CPSE concerned

#### **7.2.4 There were 17 Navratna CPSEs as on 31.3.2015 which are as under:**

- (i) Container Corporation of India Limited
- (ii) Bharat Electronics Limited
- (iii) Bharat Petroleum Corporation Limited
- (iv) Engineers India Limited
- (v) Hindustan Aeronautics Limited
- (vi) Hindustan Petroleum Corporation Limited
- (vii) Mahanagar Telephone Nigam Limited
- (viii) National Aluminium Company Limited
- (ix) National Buildings Construction Corporation Limited
- (x) Neyveli Lignite Corporation Limited
- (xi) NMDC Limited
- (xii) Oil India Limited
- (xiii) Power Finance Corporation Limited
- (xiv) Power Grid Corporation of India Limited
- (xv) Rashtriya Ispat Nigam Limited
- (xvi) Rural Electrification Corporation Limited

(xvii) Shipping Corporation of India Limited

7.2.5 During the year 2014-15, 3 CPSEs, namely, (i) Container Corporation of India Limited, (ii) Engineers India Limited and (iii) National Buildings Construction Corporation Limited were granted Navratna status.

7.2.6 During the year 2014-15, the Inter-Ministerial Committee reviewed the performance of 14 Navratna CPSEs (excluding 3 Navratna CPSEs, i.e. CONCOR, EIL, and NBCC which were granted Navratna status during the year 2014-15 itself).

### **7.3 Miniratna Scheme**

In October 1997, the Government, in order to make promising profit making CPSEs more efficient and competitive, decided to grant enhanced autonomy and delegation of financial powers subject to certain eligibility conditions and guidelines to make them efficient and competitive. These companies, called Miniratnas, are in two categories, namely, Category- I and Category-II.

#### **7.3.1 Eligibility Criteria for Miniratna Status**

The eligibility conditions and criteria are:

- (i) **Category-I CPSEs** should have made profit in the last three years continuously, the pre-tax profit should have been ₹ 30 crores or more in at least one of the three years and should have a positive net worth.
- (ii) **Category-II CPSEs** should have made profit for the last three years continuously and should have a positive net worth.
- (iii) These CPSEs shall be eligible for enhanced delegated powers provided they have not defaulted in the repayment of loans/interest on any loans due to the Government.
- (iv) These public sector enterprises shall not depend upon budgetary support or Government guarantees.
- (v) The Boards of these CPSEs should be restructured by inducting at least three non-official Directors as the first step before the exercise of enhanced delegation of authority.
- (vi) The administrative Ministry concerned shall decide whether a Public Sector Enterprise fulfilled the requirements of a Category-I / Category-II company before the exercise of enhanced powers.



### 7.3.2. Delegation of Powers to Miniratna CPSEs:

The delegation of decision-making authority available at present to the Boards of these Miniratna CPSEs is as follows:

#### (i) Capital Expenditure

- (a) For CPSEs in category I: The power to incur capital expenditure on new projects, modernization, purchase of equipment, etc., without Government approval upto ₹500 crore or equal to net worth, whichever is less.
- (b) For CPSEs in category II: The power to incur capital expenditure on new projects, modernization, purchase of equipment, etc., without Government approval upto ₹250 crore or equal to 50% of the Net worth, whichever is less.

#### (ii) Joint ventures and subsidiaries:

- (a) Category I CPSEs: To establish joint ventures and subsidiaries in India with the stipulation that the equity investment of the CPSE in any one project should be limited to 15% of the networth of the CPSE or ₹500 crore, whichever is less. The overall ceiling on such investment in all projects put together is 30% of the networth of the CPSE.
- (b) Category II CPSEs: To establish joint ventures and subsidiaries in India with the stipulation that the equity investment of the CPSE in any one project should be 15% of the networth of the CPSE or ₹250 crore, whichever is less. The overall ceiling on such investment in all projects put together is 30% of the networth of the CPSE.

- (iii) **Mergers and acquisitions:-** The Board of Directors of these CPSEs have the powers for mergers and acquisitions, subject to the conditions that (a) it should be as per the growth plan and in the core area of functioning of the CPSE, (b) conditions/limits would be as in the case of establishing joint ventures/subsidiaries, and (c) the Cabinet Committee on Economic Affairs would be kept informed in case of investments abroad. Further, the powers relating to Mergers and Acquisitions are to be exercised in such a manner

that it should not lead to any change in the public sector character of the concerned CPSEs.

- (iv) **Scheme for HRD:-** To structure and implement schemes relating to personnel and human resource management, training, voluntary or compulsory retirement schemes, etc. The Board of Directors of these CPSEs have the power to further delegate the powers relating to Human Resource Management (appointments, transfer, posting, etc.) of below Board level executives to sub-committees of the Board or to executives of the CPSE, as may be decided by the Board of the CPSE.

- (v) **Tour abroad of functional Directors:-** The Chief Executive of these CPSEs have the power to approve business tours abroad of functional directors up to 5 days' duration (other than study tours, seminars, etc.) in emergency, under intimation to the Secretary of the administrative Ministry.

- (vi) **Technology Joint Ventures and Strategic Alliances:-** To enter into technology joint ventures, strategic alliances and to obtain technology and know-how by purchase or other arrangements, subject to Government guidelines as may be issued from time to time.

- (vii) **Creation / Disinvestment in subsidiaries :-** To transfer assets, float fresh equity and divest shareholding in subsidiaries subject to the condition that the delegation will be in respect of subsidiaries set up by the holding company under the powers delegated to the Miniratna CPSEs and further to the proviso that the public sector character of the concerned CPSE (including subsidiary) would not be changed without prior approval of the Government, and such Miniratna CPSEs will be required to seek Government approval before exiting from their subsidiaries.

### 7.3.3 The above delegation of powers is subject to similar conditions as are applicable to Navratna CPSEs

7.3.4 As on 31.3.2015, there are 73 Miniratna CPSEs (56 Category-I and 17 Category-II). The list of these 73 Miniratna CPSEs is enclosed at **Annex 7.1**.

## List of Miniratna CPSEs

### Miniratna Category-I CPSEs

1. Airports Authority of India
2. Antrix Corporation Limited
3. Balmer Lawrie & Co. Limited
4. Bharat Coking Coal Limited
5. Bharat Dynamics Limited
6. BEML Limited
7. Bharat Sanchar Nigam Limited
8. Bridge & Roof Company (India) Limited
9. Central Warehousing Corporation
10. Central Coalfields Limited
11. Chennai Petroleum Corporation Limited
12. Cochin Shipyard Limited
13. Dredging Corporation of India Limited
14. Kamarajar Port Limited
15. Garden Reach Shipbuilders & Engineers Limited
16. Goa Shipyard Limited
17. Hindustan Copper Limited
18. HLL Lifecare Limited
19. Hindustan Newsprint Limited
20. Hindustan Paper Corporation Limited
21. Housing & Urban Development Corporation Limited
22. India Tourism Development Corporation Limited
23. Indian Rare Earths Limited
24. Indian Railway Catering & Tourism Corporation Limited
25. Indian Renewable Energy Development Agency Limited
26. India Trade Promotion Organisation
27. IRCON International Limited
28. KIOCL Limited
29. Mazagaon Dock Limited
30. Mahanadi Coalfields Limited
31. Manganese Ore (India) Limited
32. Mangalore Refinery & Petrochemical Limited
33. Mishra Dhatu Nigam Limited
34. MMTC Limited
35. MSTC Limited
36. National Fertilizers Limited
37. National Seeds Corporation Limited
38. NHPC Limited
39. Northern Coalfields Limited

40. North Eastern Electric Power Corporation Limited
41. Numaligarh Refinery Limited
42. ONGC Videsh Limited
43. Pawan Hans Helicopters Limited
44. Projects & Development India Limited
45. Railtel Corporation of India Limited
46. Rail Vikas Nigam Limited
47. Rashtriya Chemicals & Fertilizers Limited
48. RITES Limited
49. SJVN Limited
50. Security Printing and Minting Corporation of India Limited
51. South Eastern Coalfields Limited
52. State Trading Corporation of India Limited
53. Telecommunications Consultants India Limited
54. THDC India Limited
55. Western Coalfields Limited
56. WAPCOS Limited

### Miniratna Category-II CPSEs

57. Bharat Pumps & Compressors Limited
58. Broadcast Engineering Consultants (I) Limited
59. Central Mine Planning & Design Institute Limited
60. Central Railside Warehouse Company Limited
61. Ed.CIL (India) Limited
62. Engineering Projects (India) Limited
63. FCI Aravali Gypsum & Minerals India Limited
64. Ferro Scrap Nigam Limited
65. HMT (International) Limited
66. HSCC (India) Limited
67. Indian Medicines & Pharmaceuticals Corporation Limited
68. M E C O N Limited
69. Mineral Exploration Corporation Limited
70. National Film Development Corporation Limited
71. National Small Industries Corporation Limited
72. P E C Limited
73. Rajasthan Electronics & Instruments Limited



## Chapter - 8

### MoU System in CPSEs

MoU is a mutually negotiated agreement between the management of the CPSEs and the Government of India/Holding Company. Under this agreement, the CPSEs undertake to achieve the targets set out in the agreement at the beginning of the year and submits itself to evaluation on the basis of its achievements at the end of the year. MoU system in India was first introduced in 1986 on the basis of the recommendations of the Arjun Sen Gupta Committee Report (1984).

#### 8.1 Aims and Objectives of MoU system in CPSEs

The aims and objectives of the MoU system broadly encompass the following:

- To improve the performance of public sector enterprises by increasing autonomy of the management of the Company.
- To remove the fuzziness in goals and objectives of public sector enterprises.
- To evaluate the performance of management through objective criteria
- To provide incentive for better performance in future.

#### 8.2. Institutional Arrangements

The oversight of the MoU System is done by the High Power Committee (HPC) on MoU. This is an Apex Committee set up by the Government to assess the performance of MoU signing CPSEs with reference to the commitments made by them in the MoU and also to assess how far the Administrative Ministries/Departments have been able to give the necessary support as committed by them in the MoU. HPC is headed by the Cabinet Secretary. Secretary, Department of Public Enterprises is the Member-Secretary of this Committee. The other members comprise of Finance Secretary, Secretary (Expenditure), Secretary (Niti Aayog), Secretary (Statistics & Programme Implementation). Chairman Public Enterprises Selection Board, Chief Economic Advisor, Department of Economic Affairs, Chairman Tariff Commission and Secretary (Performance Management). The HPC on MoU has been, giving directions in regard to the determination of the principles

and parameters for evaluating the performance of CPSEs.

#### 8.3 Coverage of CPSEs under the MoU system

The MoU system that was started with four CPSEs signing MoU in the year 1987-88 has now increased its cover to 215 CPSEs in the year 2015-16. The Table below provides the coverage of CPSEs over the years under the MoU system.

**Table 8.1.**  
**Coverage of MoU over time**

Year	No. of MOU's signed	Year	No. of MOU's signed
1987-88	4	2007-08	144
1991-92	72	2008-09	147
2001-02	104	2009-10	197
2002-03	100	2010-11	198
2003-04	96	2011-12	197
2004-05	99	2012-13	196
2005-06	102	2013-14	197
2006-07	113	2014-15	214

*\* Until 2008-09, only Independent/Holding (Companies) CPSEs were signing MoUs with their respective Ministries. However, from 2009-10, the Subsidiary Companies of CPSEs have been signing MoUs with their Holding CPSEs.*

#### 8.4 MoU System: Process

The MoU process starts with the issue of detailed Guidelines by the Department of Public Enterprises (DPE) on the basis of which the CPSEs submit their draft MoUs after approval by their respective Boards and the Administrative Ministries. The draft MoUs indicate various performance targets on a five point scale for the ensuing financial year. These draft MoUs are then discussed, improved and finalized during the MoU negotiation meetings. The Task Force on MoU, a neutral and independent body of experts constituted by DPE assists the Department in the process of MoU negotiations. The MoU Task Force comprises of former Civil Servants, ex-CMDs of the Public Enterprises, finance experts and domain experts. In 2015-16 the Task Force was divided into 12 Syndicate Groups covering different sectors. Each Syndicate normally consists of 5

members with one of the members being the Convener. The rich experience and knowledge of the TF members in different fields provides the necessary technical input and enables in fixation of realistic targets.

The MoU negotiations meetings are attended by the Chief Executives of the CPSEs, Senior Officers from the administrative Ministries and the representatives of the nodal Government agencies such as Niti Aayog and Ministry of Statistics & Programme Implementation. DPE issues the Minutes of MoU negotiation meetings to the CPSEs (and the Ministry/Department concerned) for finalizing the MoUs which are then authenticated by DPE to ensure MoUs are in accordance with the decisions on targets as agreed upon during the MoU negotiation meetings. Subsequently, all MoU have to be signed before 31st March for implementation during the succeeding financial year.

The MoU system uses the five-point scale of performance measurement, that is, 'excellent', 'very good', 'good', 'average' and 'poor'. In the MoU 2015-16 negative marking was introduced to penalize non-compliance to DPE guidelines, Corporate Governance, MSME procurement guidelines, CSR guidelines and Entry of Survey and MoSPI data.

The rating of performance of a CPSE is done on the basis of a Composite Score which is an index of the performance of the enterprises. The rating of the

'composite score' is done in the following manner:

MoU Composite Score	Rating
1.00-1.50	Excellent
1.51-2.50	Very Good
2.51-3.50	Good
3.51-4.50	Fair
4.51-5.00	Poor

## 8.5 MoU ratings of CPSEs

MoU rating of CPSEs during the last five years is shown in the Table 8.2 below:

**Table 8.2**  
**MoU Ratings**

Rating	2010-11	2011-12	2012-13	2013-14	2014-15
Excellent	67	76	75	76	NA
Very Good	44	39	39	38	NA
Good	24	33	37	36	NA
Fair	24	25	36	29	NA
Poor	02	02	02	8	NA
Total	161	175	189	187	NA

NA - Not Available

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## Chapter 9

### Research & Development

The competitive and challenging business environment demands continuous up-gradation and development of products, processes and services for sustained growth. Research and Development (R&D) contribute substantially towards achieving these goals. In the face of rapid technological advancements, various products and services have a very short product life cycle.

R&D, in this respect, helps phase out products (& services) through introduction of new designs and technologies and improvement in quality.

While a number of CPSEs have in-house R&D facilities, the others have gone for sponsored research through collaboration with Universities and reputed R&D institutions. Sponsored research is cost effective proposition for CPSEs which cannot afford to incur expenditure on in-house research. There is also a greater awareness of Intellectual Property Rights (IPR) and 'patenting' of new knowledge gained and discoveries made in the process of R&D.

The National Research Development Corporation (NRDC), a CPSE, is actively engaged in promoting, developing and commercializing technologies, knowhow, patent and processes generated through national R&D institutions, thus helping individual enterprises and institutions acquire IPR/ Patents for commercial use.

Technological collaboration with leading companies of the world has been another approach adopted by CPSEs for upgrading their technological know-how.

The other important aspects of R&D relate to execution of development projects which among others involve end user involvement in commercialization of indigenously developed product / technology, suitable empowerment / incentivisation / funding specially for capital intensive R&D in infrastructure like power sector, strengthening R&D infrastructure including prototype development, engaging experts at considerations other than price in knowledge/ competency gap areas etc.

#### 9. Research & Development activities in CPSEs

The different R&D activities being carried out by

various CPSEs in the different groups of manufacturing and services sectors are explained briefly in the following paragraph.

#### 9.1 Coal

##### 9.1.1 Central Mine Planning & Design Institute Ltd. (CMPDI)

Central Mine Planning and Design Institute (CMPDI) is the nodal agency for coordination and monitoring of research projects funded under S&T Grant of Ministry of Coal (MoC) and also R&D funding of Coal India Limited (CIL). The following broad areas are being covered under these schemes:

- (i) Production, Productivity and Safety
- (ii) Coal Beneficiation and Utilization
- (iii) Environment and Ecology

Research projects are being executed by various research and academic institutes related to coal and allied industries with active participation of coal and lignite mining companies. CMPDI besides being the nodal agency, also implements a number of research projects.

A total of eight research projects have been completed during 2014-15. These projects are related to:

- ❖ Development of Self Advancing (mobile) Goaf Edge Supports (SAGES) for depillaring operations in underground coal mines
- ❖ Development of software for prediction of subsidence by 3D numerical modeling for SCCL mines
- ❖ Development of customized organic coatings for corrosion protection of special mining equipment at Neyveli Lignite mines
- ❖ Determination of free silica ( $\alpha$ -quartz) content in respirable air borne dust in coal
- ❖ Assessment of shale gas in Gondwana basin
- ❖ Development of Integrated Dumper Collision Avoidance system for opencast mines
- ❖ Shrinkage swelling characteristics of Indian coals

to ascertain recoverability of CBM from deep seated coal and shale resources

- ❖ Research and development on efficient energy management pilot study and action plan.

At present, there are 30 on-going research projects at different stage of implementation.

### 9.1.2 Neyveli Lignite Corporation Limited

Centre for Applied Research & Development (CARD) is the In-house R&D centre of NLC. CARD has been granted NABL accreditation for chemical and mechanical testing by National Accreditation Board for Testing and Calibration Laboratories (NABL). The accreditation of the laboratory, which is valid for a period of 2 years from December 2013, is based on the international standard ISO/IEC 17025:2005 and meets the principles of ISO 9001 that are relevant to scope of testing services as well as technical competency of the laboratory.

The total R&D expenditure, incurred during the year 2014-15 was Rs 13.01 crore which is around 1% of PAT for the year 2014-15. CARD has complied with the MoU guidelines with regard to R&D by successfully completing prescribed targets for 2014-15.

NLC has filed for grant of patent for the following:

1. NLC and Vector Control Research Centre, Puducherry have jointly implemented the S&T project "Development & use of Fly ash based pesticides". In this study, it was found that fly ash based bio pesticide formulations for were highly effective against mosquito larve.

Based on the outcome, NLC and Vector Control Research Centre, Puducherry have jointly filed a patent application for "Fly ash based mosquito larvicidal formulations of *Bacillus thuringiensis* var. *israelensis* (serotype H14)". The invention is under the Coal S&Tproject 'Development of fly ash based pesticide'.

2. NLC mines use high capacity centrifugal pumps made of cast iron for the pumping of storm water accumulated during lignite mining. Due to low pH of the mine water, the pumps are working at lower efficiency. Hence to improve the performance of the pumps NLC and National Institute of Technology, Trichy jointly taken up a consultancy project on "Development of Alternate Materials for dewatering pumps in Mines" and successfully developed a new material Cd4MCu and the pumps made of these material is performing well for more than 20000 hrs without any problem.

Based on the outcome of the project, NLC and National Institute of Technology, Trichy have jointly filed a patent application for "High longevity coatings and alternate material for erosion and corrosion resistance in mining pumps."

#### i) Coal S&T projects:

##### a) Corrosion in Specialized Mining Equipment (SME)

CARD has completed the Coal S&T project on corrosion problems in Specialized Mining Equipment (SME) deployed in mines. Laboratory investigations, corrosion/erosion studies and characterization of samples were completed. Based on that special coating materials were developed by CECRI, Karaikudi and coatings were applied in track carriages of Specialized Mining Equipments. Due to this special coating the life of the track carriages in SME is expected to increase by 7 years as against one year in the case of normal paints.

##### b) Enhancement of Life of De-watering Pipes

NLC presently has taken up a project on "Enhancing Life of De-watering Pipes in Coal/Lignite Mines by prevention of Erosion-corrosion with Nano-Crystalline Surface Engineering Treatments" jointly with NIT, Trichy. The main objective of the project is to study the root causes for erosion and corrosion of de-watering pipes in Neyveli Lignite Mines and to develop a coating based on nano-crystalline surface engineering treatments.

Based on laboratory study a trial coating with poly urea was carried out in 4 metre length of 24 inch diameter pipe connected in the Ground Water Control System in December 2014, for field study. Evaluation is under progress.

##### c) Development of suitable pilot plant for separation of iron from slag generated in Thermal Power Plants-Neyveli

CARD has taken up R&D project for separation of iron ore, un burnt carbon and sand from the bottom slag generated by Thermal Power Stations, which was dumped in Mine spoil area without any utilization. The pilot plant for separation of iron from bottom slag has been successfully commissioned in December 2014. It was observed that 40% of Magnetic Iron, 46% of sand and 5% of Carbon is obtained by processing one ton of slag.

##### d) Utilization of Bottom Ash

CARD has taken up R&D project along with Civil



Department for utilisation of bottom ash as replacement for river sand in construction material. An experimental building using bottom ash as substitute for river sand has been constructed. Solid blocks used in this building have been made using bottom ash and concrete mixture instead of sand to the extent of 50%.

## ii) **R&D Initiatives:**

NLC has taken up R&D initiatives in the following areas:

### a) **Upgradation of Brown Coal (UBC) Based Power Generation**

NLC has undertaken a new project Up-gradation of Brown Coal” (UBC) in collaboration with M/s. Kobe Steel Limited (M/s KSL), a major Steel & Engineering Company in Japan. UBC is a process of removing moisture from lignite and to upgrade the lignite into a high calorific value product having reduced CO emission. In this connection an MOU has been entered into with M/s. KSL for “Setting up a UBC based 2 Pilot Power Generation Plant in Neyveli”

### b) **Dynamic Loading of Conveyors**

NLC has signed an MOU with National Institute of Technology; Trichy for taking up a new R&D Project on “Dynamic Loading of Conveyors drive heads in Mines” aimed at energy saving in the operation of conveyors in the Mines as in-house S&T Project.

### c) **Coldry and Matmor Process**

NLC proposes to take up R&D studies on developing value added products from lignite using **MATMOR** Process in collaboration with, M/s Environmental Clean Technologies Ltd, Australia & M/s. National Mineral Development Corporation (NMDC)/Hyderabad. In this process dewatering of lignite will be done and iron ore will be added to make composite pellets which could be utilized in iron ore purification process where iron ingots with more than 95% purity can be produced. Output of the Matmor process could be utilized as a replacement to metallurgical coke, used in blast furnace.

### d) **Electronification of GWC & Conveyor Systems in Mines**

Ground water control and conveyor systems are very important in running the mines for continuous production. The reliability of these systems shall be higher. The wear/damage conditions of drums, rollers and belts, pumps have to be monitored periodically to assess the proper replacements and to minimize further consequential damages. Hence NLC proposed to take up a R&D project on Electronification of ground water

control and conveyor systems in Mines for electronically monitoring the operation and performance of GWC pumps and conveyors for improving energy efficiency and productivity of these equipments.

### e) **Prevention & Analysis on Premature Failure of BWE Track Systems**

NLC is operating three Coal Mines for power production. For removing overburden and for cutting lignite/ coal, several bucket wheel excavators are used. For the movement of this massive structure, track plates connected to track/ chain links are used which roll under top and bottom rollers. The track pins, are subjected to shear fracture during service leading to premature failure of the entire components. CARD has proposed to take up a R&D project on prevention & analysis on premature failure of BWE Track Systems used in Lignite/Coal Mines with the aim of reducing the wear and tear of track plates of SME.

### f) **Silica Sand Beneficiation Plant:**

Silica sand available in Neyveli mine consists of more than 98% silica. Silica sand is having a continuous market demand in south India for glass industries and foundries. NLC proposes to establish a silica sand beneficiation plant for producing value added silica sand, which is a main raw material for manufacture of glass from the sand available in mines. Feasibility for this project has been studied and commissioning of sand processing plant is in progress.

### iii) **Other In-House S&T Projects:**

CARD is also carrying out various research works such as

- Delineation of buried sub surface objects and hard bands in open cast mines, studies on synthesis of zeolites from lignite fly ash and its efficiency in cooling water treatment,
- Reclamation of slag dump areas in Mine-II suitable for development of green cover, Laboratory study on the stabilization haul roads inside open cast mine

## 9.2 **Electricity**

### 9.2.1 **NTPC Limited**

NTPC, as the leading power utility of the country, has assigned 1% of PAT for R&D activities. Its research efforts are focused to address the major concerns of the sector as well as the futuristic technology requirements

of the sector. In this effort, company has established NTPC Energy Technology Research Alliance (NETRA) as state-of-the-art centre for research, technology development and scientific services in the domain of electric power to enable seamless work flow right from concept to commissioning. The focus areas of NETRA are - Efficiency Improvement & Cost Reduction; New & Renewable Energy; Climate Change & Environmental protection and Advanced Scientific Services.

Research Advisory Council (RAC) of NETRA comprising of eminent scientists and experts from India and abroad is in place to steer research direction. In order to provide maximum possible benefit to the stations while developing green technologies, many projects/activities have been undertaken for implementation.

NETRA also provides scientific support to all stations as well as many other utilities stations in the area of oil/water chemistry, environment, electrical, rotor dynamics etc for efficient performances.

NETRA laboratories are accredited as per ISO 17025 and its NDT laboratory has also been recognized as “Well known Remnant Life Assessment Organization” under the Boiler Regulations, 1950.

### **9.2.2 Power Grid Corporation of India Limited (PGCIL)**

Power Grid Corporation of India Limited (PGCIL) or POWERGRID, since inception, has given special emphasis on integration of new technological products/services for enhancing performance of transmission system as well as improving the quality of power supply while optimizing the cost of transmission.

POWERGRID has been at the forefront in adoption of state-of-the art technologies for improving the efficiency in power transmission and for overcoming the challenges associated with establishment of high capacity power transmission corridors and the National Grid.

A few of the noteworthy Research & Development (R&D) initiatives are:

#### **i) Introduction of process bus technology in Substation Automation System**

POWERGRID has carried out a pilot project during the FY 2014-15 at 400/220kV Bhiwadi Substation to evaluate the process bus technology along with Non-Conventional Instrument Transformers (Optical Current Transformer) in place of conventional current

transformers.

#### **ii) Development of 1200kV UHVAC technology**

1200kV UHVAC National Test Station project was conceptualized in year 2007 for the indigenous development of 1200kV UHVAC technology in India. This test station has been established by POWERGRID at Bina in-order to validate the engineering and design of 1200kV bays and 1200kV lines as well as to facilitate the field operation and testing of 1200kV equipment which will pave the way for optimization of equipment design also. The 1<sup>st</sup> phase of 1200kV Test Station has been charged progressively from 2012 onwards and equipments are under field operation/ testing presently. The work in the 2<sup>nd</sup> phase is under progress.

#### **iii) Establishment of POWERGRID Advanced Research and Technology Centre (PARTeC), Manesar, Gurgaon**

POWERGRID is establishing PARTeC at Manesar, Gurgaon (HR) to pursue its R&D objectives to command technological leadership in power transmission sector. Facilities under this R&D Centre includes State-of-The-Art simulation and laboratory facilities for Power system simulation, Advanced Diagnostics, Wide Area Monitoring Systems testing, Substation Automation system, Material Science Lab, Superconductivity lab, Nano materials lab, Civil Engineering simulations, Transmission line and substation design, simulation and validation, Energy efficiency demonstration, Smart Grid knowledge centre etc. This R&D centre will act as the nerve centre for research and technology development initiatives of POWERGRID.

### **9.3 Crude Oil & Gas**

#### **9.3.1 Oil and Natural Gas Commission (ONGC)**

##### **i) Exploration:**

ONGC has institutionalized Research and Development in Exploration & Production (E&P) and related sectors. ONGC has established Twelve R&D institutions to undertake specific activities in key areas of Exploration, Drilling, Reservoir Management, Production Technology, Ocean Engineering and Health, Safety and Environment (HSE) Management. Regional laboratories have also been established at various Assets and Basins of ONGC to support these institutes.



ONGC accords utmost importance to up-gradation of technologies and expertise in various areas of activities through its own Research & Development Institutes. ONGC's R&D institutes are equipped with latest state-of-the art laboratories, computer processing systems/workstations with specialized multi-disciplinary expert teams. These institutes also leverage research through international and national consortia, alliances and joint industry programs. The main R&D objective of ONGC are:

- To support business processes of ONGC in entire E&P value chain.
- To maximize returns through R&D efforts.
- To support indigenous efforts for promoting innovation in R&D.
- To identify and bridge technology gaps.
- To promote research in frontier areas.
- To promote research in Unconventional and Alternate energy resource area.

As per DPE guidelines, several projects from ONGC Institutes have been selected and included in the MoU signed with MoPNG in the respective years. During 2014-15, ONGC undertook 4 R & D projects committed under the MoU. Two projects pertaining to Exploration were completed and details are given below.

- Integrated three-dimensional Petroleum System(s) Modelling of Krishna Godavari Basin: This project has helped in updating the depth/time and facies map of major sequences of KG-PG Basin using various geological, geophysical and geochemical data under PetroMod Platform which in turn will help in validation of hydrocarbon Habitat and Identification of areas of YTF Potential.
- Hybrid combustion for heavy oil-Laboratory to stimulation: Carried out hybrid combustion tube run using various oil-water and core samples of Lanwa field followed by preparations for tube runs for feasibility of ignition and combustion after steam flood. The study will improve the production from heavy oil fields like Lakwa.

**Other specific areas where R&D work was also carried out. These areas are:**

- Updation of tectonic map of India.

- Basin architecture and Mesozoic sedimentation in western offshore basins.
- Analysis of the various elements of Petroleum system(s) of the study in KG and Mahanadi areas with respect to hydrocarbon charging.
- Delineation of shallow pay sands in a pilot area of Ankaleshwar field, Cambay Basin.
- Evaluation of its hydrocarbon prospectivity in Chenab-Beas Sector of Himalayan Foothills in analogy with Upper Indus Petroliferous basin.
- Plate Tectonic reconstruction of Gondwana deposits of India.
- Strontium-Neodymium (Sr-Nd) isotopic and geochemical characterization of basaltic basement in Western Offshore Basin.
- Evaluation of low resistivity pay sand GS-12 of Gandhar field.
- Assessment of Gas Hydrate potential in Andaman offshore area.
- Basin Centered Gas prospectivity in Warsan Low in Mehsana Area, North Cambay Basin.
- Software development using CUDA-GPU Technology
- Software development for data access from OpenWorks database to other platforms over the network
- Software development for interactive Spectral Decomposition in Petrel to improve the understanding of anomalous zones quickly by generating the spectral attributes on the fly from the seismic data.
- Development of software for improving the frequency bandwidth to induct the MPI parallel processing techniques using high performance cluster systems for compute intensive seismic processing methods.
- Development of software for transforming angle gathers to offset gathers as an OMEGA plugin
- Interpretation of Passive Seismic data to absorb this fast emerging Technology to generate 3-D velocity structure of the sub-surface for hydrocarbon exploration using data from micro-earthquakes.
- Anisotropic Pre-stack Depth Migration (PSDM) using seismic 3D data pertaining to prospect, B173-A, of Neelam-Heera Asset, Mumbai Offshore, Using OMEGA and Geodepth Softwares

- Application of Geostatistical inversion-technique for removal of coal effect.
- To reduce exploration risk and improve reservoir management, Multi Component 3D-3C API Project for assimilation of technology was completed during the year which included Processing & Interpretation in A&AA and WON basin. The project was executed with the help of M/s MGS, UK. This has helped in mapping stratigraphic features, differentiating lithology and fluid changes.
- Shale Gas reservoir evaluation using log based evaluation of Shale Gas prospectivity in all Basins of ONGC.
- Basement evaluation including fracture network in basements in Madanam and Pandanallur area of Cauvery Basin and Basement in Mumbai High area
- Geo-mechanical studies of various fields of ONGC for prediction of safe mud weight windows, wellbore trajectories and frac design for optimum productivity.
- Petrophysical analysis including Low resistivity-low contrast (LRLC) and / Thin bed reservoirs of Gandhar field. Matar field and Kanakdurga fields of ONGC
- Processing and interpretation and other studies related to Geo Cellular Modeling of Kalol, Nawagam, Rudrasagar and Geleki filed.
- Preparation of integrated Geocellular models of Jotana, Sanand, Langnaj, Kanjirangudi, KSP-W, Lingala-Kaikalur, Mandapeta fields.
- Study for deep water development with simulation studies for the NDA of KG-98/2 and G-4 was carried out incorporating appraisal wells.
- Development of NELP Block, HP-HT tight reservoir Nagayalanka (KG-ONN-2003/1).
- Marginal fields monetization for B-9, NMT and C-23 (Deeper Pay) in Western Offshore.
- Field development of Daman channel sands of MB-OSN-2005/1 NELP block.
- Study of stage gate project for Development of GK-28/42 Kutch Offshore field.
- Redevelopment of Gamij field.
- Gas Cap Gas Exploitation of GS-4 sand (Central Block) of Gandhar field.
- Development of fields of Assam viz. Lakwa, Geleki, Mahakuti, Laiplingaon & Tiphuk area based on revised geological models.
- Simulation of Konaban fields with updated geological model on the basis of newly drilled wells.
- Monitoring of ongoing Kalol (K-XII Sand) ASP Pilot.
- Development of South Lanwa and North Balol field with Hybrid EOR i.e. CSS followed by ISC in combination with infill wells.
- Feasibility of Light Oil air injection in Gamij Field.
- Application of Chemical EOR (Polymer, ASP) process in heavy oil viz. Bechraji field.
- Laboratory Chemical EOR studies for Nandasan (KS-II) and Kalol (K-VA sand) fields.
- Simulation of combined thermal and miscible effect of air injection in Sand 10+20 of Malleswaram field.
- Simulation of Low salinity water flooding in L-III reservoir of Mumbai High South, leading to identification of pilot area.
- Feasibility study of low tension surfactant flooding K-IX+X sand in Kalol Field and E sand of South Kadi Field.
- Studies for scale removal and treatment design for effluent lines of Kalol field
- Chemical flood (polymer and ASP) of Bechraji field.
- Feasibility study of air injection in Ahmedabad field
- Screening and Identification of suitable EOR method for NBP field
- Laboratory studies for surfactant flooding in K-VA sand of Kalol field
- Laboratory Evaluation for hydrocarbon gas injection as WAG mode for K-IX sand of Nardipur area of Kalol field.
- Laboratory Evaluation for WAG and SAG processes for K-VA sand of Kalol field.
- Water control and profile modification jobs using inhouse chemical formulations in fields of

Ahmedabad, Mehsana Ankleshwar and Cauvery.

- Application of MEOR processes viz. MEOR in huff-n-puff mode, PDB jobs for paraffin degradation in tubulars in fields of Mehsana and Ankleshwar.

## ii) OFFSHORE

A) IEOT and IOGPT are two premier institutes engaged in carrying out various research and development activities. **IEOT** carried out R&D in the following areas during 2014-15:

### a) Structural Engineering

- Life extension and recertification of the offshore jacket platforms in western offshore, which have outlived their design lives, through a collaborative project with DNV GL.
- Risk based inspection planning for offshore structures in western offshore.

### b) Material Selection Corrosion Control

- Suitable material of construction for tubular and flow line of deep water development.

### c) Geotechnical Studies

- Application of Field vane shear Test in offshore geotechnics.

### d) Gas Hydrate Studies

- Studies on the feasibility of gas production from gas hydrate bearing reservoirs using molecular substitution technique

B) **IOGPT** takes projects addressing the field issues and provides solutions through assimilation, upgradation and development of recent technologies. It carries out work related to Well Completions, Sand Control, Conceptual design & engineering, production system optimization, corrosion monitoring & prevention, deep water sub-sea production systems etc.

**IOGPT** carried out R&D in the following areas during 2014-15:

### a) Feasibility, conceptualizing, de-bottlenecking / adequacy check of surface facilities

- Studies for different projects undertaken to increase production

### b) Design for Stimulation Jobs

- Many Stimulation jobs were carried out based on IOGPT design resulting in cumulative oil gain and increase in gas production.

### c) Analyses of Artificial Lift wells

- Artificial lift wells of various assets was analyzed for better envisaged liquid and gas gain.

### d) Conceptual and flow assurance study

- Conceptual and flow assurance study for development of various fields was carried out with an envisaged gain of oil and gas.

### e) Preparation of DOCs, FDPs and fast track implementation of projects

- Part of different MDTs for preparation of DOCs, FDPs and fast track implementation of projects

## iii) Technical & Field Services (T&FS)

### A. Institute of Drilling Technology (IDT):

a) Feasibility Study on introduction of Nano based Non-damaging Drilling Fluid technology in ONGC for increasing Well Productivity and reduction in drilling cost.

- Improvement in drilling fluid properties in HTHP environment.
- Better competition among different weighing material suppliers and non-dependency on barite, the only weighing material presently being used in ONGC apart from Lime stone powder.
- Cost saving through broader competition.
- In wells with a small mud weight window, it is a technical requirement to reduce the high ECD by suitable selection of weighing material.

b) Proper mud design for drilling in shale sections (long exposure period) in Cambay, KG and Cauvery basins ensuring well stability- (Head COD-Shale gas, Vadodara).

- Work shall benefit in lowering the non-productive time and smooth well bore for logging, casing &

cementation and other objectives aimed at Basin /Asset level.

c) Design of Mud system for the wells of Daman development Project (C-24 Addl. Dev. & B 12 fields) - B&S Asset, Mumbai.

- Shall benefit in lowering the non-productive time and smooth well bore drilling for achieving the exploratory and development targets, committed by Assets/ basins.

d) Designing of Mud policy for drilling Mukta and Bassein (Limestone and shale formations) and Panna pays (Sandstone-Shale formations) of Heera field- (N & H Asset, Mumbai).

- Shall benefit in lowering the non-productive time and smooth well bore drilling for achieving the exploratory and exploitation targets, committed by Assets/ basins.

e) Low solids/ solid free mud design for successful completion of wells with high angle long section in basement in Borholla and adjoining areas, SAS, A&AA Basin- (COD, Basement Exploration, Mumbai)

- Low solids/solid free, stable mud system suited for basement high angle long section drilling will be developed for SAS Block of A&AA Basin. The Non damaging and biodegradable nature of developed fluid will help reduce the problem of activation of the well.

f) Inhibited mud system for Kaolinitic shales- (MS, Mumbai).

- Stable wellbore hence reduced complication and NPT.

g) Development of Baryte free synthetic oil based reservoir drilling fluid-(MS, Mumbai).

- Could be of vital assistance in using LTSOBM in pay zones where ever it becomes a necessity to use OBM.

h) HTHP high density clear fluid brines alternative to Cesium Formate- (Mud Corporate).

- Development of clear fluid brine which can be used in HTHP wells in place of cesium formate.

i) Geo-mechanical modelling of B-12 field (Tapti Daman Area, Mumbai Offshore) based on inputs derived from recently drilled wells in the area- (B&S Asset, Mumbai).

- Designing of a suitable Mud Weight Window for ensuring wellbore stability.

- Computation of Mud Weight requirement for different Inclinations and Azimuth (for Directional wells) before deciding the optimum Mud Weight to maintain wellbore stability.

- Minimizing the well complications and NPT events like tight spots, stuck pipe, Lost Circulation, Well activity etc.

j) Design of optimum casing policy and Mud system for wells of Daman Development Project (C-24 Addl. Dev. & B12 fields) - (B&S Asset, Mumbai).

- To plan the well based on geological Inputs as per geological objective.
- Well can be made Techno economically viable.
- Well can be completed in time without complication.
- Optimization of well cost.

k) Well design for successful completion of wells with high angle long section in basement (including feasibility of using Under-reamer) in Borholla and adjoining areas, South Assam Shelf, A&AA Basin- (CoD Basement)

- To plan the well based on geological Inputs as per geological objective.
- Well can be made Techno economically viable.
- Well can be completed in time without complication.

l) Formulation of Tentative Specification for Cement Additives Packages for Low Temperature and Light Weight Application- (Mumbai Region).

- The formulation of tentative specification for cement additive packages for low temperature and lightweight applications shall provide the basis of quality assurance, cost effectiveness and compatibility during procurement process. After field trial, this will lead to corporate spec.

m) Modified formulation and preparation technique of RSF pill for Mumbai Region- (Mumbai Region).

- The in-house thermally activated RSF pill shall serve as an additional & alternative to conventional LCM/cement plug to control severe lost circulation problems being encountered



in Mumbai Region. Simplified formulation and preparation technique will result in early placement and thereby saving rig time.

n) Slurry design for casing cementation of ongoing exploratory / development wells.

- To provide Slurry design for casing cementation for wells of MBA- Kolkata, CBM-Bokaro, FB-Dehradun and Agartala Asset.
- To design cement slurry for critical production casing cementation jobs as per request of other projects.

### 9.3.2 Gas Authority of India Limited (GAIL)

GAIL continued with its thrust towards R&D and spent over ₹50 crores during FY 2014-15 on R&D activities. Over 23 R&D Projects are being pursued in various Business Areas of GAIL viz. NG Transportation, Petrochemicals, CO<sub>2</sub> Conversion etc. In addition, Projects are also being pursued in upcoming areas like Underground Coal Gasification, Fuel Cells, Hydrogen and Gas Hydrates.

Few of the important Initiatives during the year are:

#### i) Land Fill Gas (LFG) Project:

GAIL has successfully implemented a Pilot Project for the recovery of LandFill Gas (LFG) in an active landfill site at Ghazipur, Delhi. The Project has been successfully validated by the Designated Operational Entity (DOE) and has been registered with UNFCCC for availing benefits under CDM. About 125 M<sup>3</sup>/Hr of LFG is being collected and flared in an enclosed flare system. The conversion of Methane to CO<sub>2</sub> helps in mitigation of GHG emissions since Methane is 25 times more potent than CO<sub>2</sub> in causing Global Warming. In FY 2014-15, we have destroyed about 200 MT of fugitive Methane emissions going into the atmosphere which is a reduction of 5000 Tonnes of CO<sub>2</sub> equivalent. The Project has been a boon to the surrounding populace and is GAIL's contribution to the Society.

#### ii) Plastic Waste to Hydrocarbons:

GAIL has developed a 2-stage process for Conversion of waste plastic to hydrocarbons like Diesel, Gasoline and Aromatics. The Process has been validated in lab-scale as well as bench-scale on batch as well as continuous mode of operation. Based upon the data generated, a Basic Design and Engineering Package (BDEP) for 1 Ton/day

Pilot Plant has been prepared. GAIL is now in the process of setting-up the Pilot plant of 1 Ton/day capacity for validating the Process before it can be commercialized. The successful demonstration of the Technology in Pilot-scale shall pave the way for setting-up commercial size Plants to convert Waste plastics to valuable products. This shall help in twin benefits viz. Proper disposal of waste plastics by improving its economic value and also generating fuel from waste.

#### iii) CO<sub>2</sub> Conversion / Utilization:

Carbon dioxide is a Green House Gas (GHG) and its concentration is increasing due to various industrial and anthropogenic activities. The growing demand for Energy and Clean environment has made the utilization of CO<sub>2</sub> an important area of research across the world. GAIL is pursuing few R&D Projects in the Area of CO<sub>2</sub> conversion / utilization. These include (i) Bio-fixation of CO<sub>2</sub> using micro-algae having high CO<sub>2</sub> absorbing capacity and possibility of extracting valuable products like bio-diesel, (ii) Production of Syngas via CO<sub>2</sub> reforming of methane, (iii) Electrochemical Reduction of CO<sub>2</sub> to hydrocarbons, (iv) Direct fixation of CO<sub>2</sub> with Glycerol to form Glycerol Carbonate etc.

iv) **Patents:** 05 No's of Patents were filed during the year.

## 9.4. Petroleum

### 9.4.1. Bharat Petroleum Corporation Limited (BPCL)

- In line with constantly changing business needs, the Research and Development Centres of BPCL are focusing on development of niche and innovative products and process technologies and providing advanced technical support for refinery processes, lubricant formulations and product / process development.
- Bharat Petroleum has R&D facilities at three locations: Corporate R&D Centre - Greater Noida, Uttar Pradesh; R&D (Product & Application Development) Centre- Sewree, Mumbai and the in-plant R&D Centre at Kochi Refinery. The in-house R&D Centres are recognized by the Department of Scientific & Industrial Research (DSIR), Ministry of Science and Technology, Govt. of India. All three centres are providing to the company an edge over the competitors and

technological breakthroughs for future business development.

- iii) The core research areas of the R&D centres are broadly divided into four categories, namely: (a) Technical support to Refining processes (b) Development of energy efficient technologies for fuels and chemicals production, (c) New product and additive development and (d) Alternative fuels and energy.
- iv) During the financial year 2014-15 R&D centres continued to provide a competitive edge through development of novel cost effective products and processes such as (i) New neutralizing amine (ii) Sorption enhanced steam reforming (iii) De-aromatized specialty solvents having less than 0.5 wt% aromatics content (iv) Cost effective FCC gasoline sulphur reduction additive, (v) Hydro treating catalyst for processing of light gas oil stream of NRL for production of Euro-V diesel (vi) Catalyst for Lube oil base stock (vii) New grades of bitumen (viii) Natural gas storage technology (ix) Novel reactor schemes for Hydro-processing and FCC applications.
- v) During the year, R&D Centre at Sewree contributed to the Lubes business by developing new product formulations such as OE specific Shock Absorber Fluid, Limited Slip Gear Oil, High Performance Compressor oil, Engine oil for 2 Stroke Stationary Natural Gas Engines, Defense Specific hydraulic Transmission Oil, etc. Apart from these new products, new formulations for existing products also helped in providing better performance indices and lower production/operating costs. The requisite steps have been taken to scale up synthetic refrigeration compressor oil. Efforts are being made to develop new product slate based on synthetic base oil for concentrated solar power application, synthetic transformer oil, and biodegradable base oil for cutting oil application.
- vi) Significant progress has been made by Corporate R&D Centre on major national and international collaborative projects, initiated earlier in the emerging areas of natural gas conversion to methanol and Di methyl ether, CO<sub>2</sub> utilization and conversion of coal to liquid fuels. The corporate R&D centre bagged prestigious Indo-UK collaborative project funding award from

Global Innovation Technology Alliance (GITA) for real time optimization of crude distillation units for carrying out collaborative research with Process Systems Enterprise Ltd., UK. During this year BPCL R&D have filed 4 Indian patents and was granted 6 patents (2 Indian, 1 USA and 3 in other countries). BPCL continued its research collaborations with a number of leading research institutes entered into previous years and made substantial progress. Some of these include EIL, IIP, IITs, ICT, Delhi University, BITs Goa etc., while international partnerships with NTNU, Norway, CSIRO-Clayton, RMIT and University Melbourne. In its pursuit to excel in the area of innovation, BPCL R&D continues to work in tandem with academia and other knowledge partners for fulfilling the company's vision of being innovative and technology driven company. The aforementioned R&D activities are being supported by BPCL management and R&D expenditure incurred during 2014-15 is ₹40.73 Crores.

## 9.5 Other Minerals, Metals and Materials

### 9.5.1 National Aluminium Company Limited (NALCO):

#### i) Nalco Research & Technology Centre:

The company is in the process of establishing a corporate level research & development centre named Nalco Research & Technology Centre (NRTC) at Bhubaneswar. Various laboratory facilities with areas of developmental work for utilization of NRTC along with man power arrangements are in the process of implementation.

#### ii) Patenting and MOU Certification:

Board level technology committee meetings are being held periodically to review the R&D activities of the company including technological up gradation and innovative modification carried out in different units and benefits derived thereon for further improvements and the process and productivity. Also MOU related R&D projects were reviewed by an independent committee RSAC (Research & Scientific Advisory Committee) as per guideline of DPE. One R&D process was commercialized in this year.

#### iii) In-house R&D Activities:



**a) Alumina Plant**

1. Extraction of vanadium pentoxide (V<sub>2</sub>O<sub>5</sub>) along with other impurities in the form of sludge from process Liquor continued.
2. Probable alternate synthetic flocculants were identified in the Laboratory scale to replace Wheat Bran, the natural flocculants, presently in use in the conventional Washers.
3. Infra Red thermography studies in collaboration with JNARDDC, Nagpur to locate hot spots in heat and electric installation in the plant also continued for planned maintenance.

**b) Smelter Plant**

1. Regular characterization of baked anode carried out for monitoring of its quality
2. Studies for improvement of quality of raw materials to carbon plant including Anode bench scale studies continued for anode quality improvement
3. More trials undertaken for development of new products (cookware) from rolled aluminum sheet.
4. Project for installation of sealed door in cast house completed for improvement of furnace efficiency.
5. Project for implementation of siphon system of liquid metal transfer in cast house to reduce melt loss is in progress.
6. Liquidus temperature measurement commenced in potlines for monitoring.
7. Project titled “Development of low energy cell technology for smelter plant (AP2XN)” in collaboration with Rio Tinto Alcan (RTA) has been initiated.

**iv) Collaborative R&D Activities:**

Some of the Collaborative R&D projects completed and taken up during the year are as below:

1. Detailed study on reduction of melt loss completed and its findings are being implemented.
2. Study of Effect on Alumina quality on solubility of Electrolytic bath-completed and possible implementation being examined.
3. Collaborative R&D Project with JNARDDC titled “Bench scale studies on utilization of carbon value of spent pot lining and recovery

of valuables” is completed for full utilization of spent pot lines carbon portion (SPL).

4. The 1<sup>st</sup> phase for extraction of alumina from Fly ash/Partially Lateritized Khondalite (PLK) using nitric acid with CSIRO, Australia. Under optimum condition >90% efficiency has been achieved.
5. Industrial scale investigation for the fabrication of wear resistant ceramic tiles using Nalco coal ash-continuing. Initial trials have given encouraging result.
6. An investigation on treatment of bauxite through thermal and non-thermal hydrogen plasma continuing to extract aluminium from the ore.
7. Up gradation of Alumina in NALCO Fly ash through bio leaching of silica and subsequent recovery of alumina through piro/hydrometallurgical routes- continuing. Results obtained so far are promising.
8. Development of ceramic proppant from Partially Lateritized Khondalite (PLK) and Fly ash-continuing with preparation of green pellets completed successfully so far.
9. Development of a quicker and easy method for the analysis of Impurities (Fe, Si, Ca etc) in Alumina and Aluminate Liquor using hand held spectrometer continuing.
10. A collaborative project for “Development and Demonstration of process for removal of fluoride from effluent water generated in Smelter Plant using Emrion Technology” has been taken up and the same is in progress.
11. Studies on Reduction of reactive silica in Nalco bauxite through beneficiation methods has been continuing with encouraging results obtained so far.
12. Use of red mud and fly ash as a geo polymer concrete continuing. Results obtained are quite encouraging and a patent is being prepared for the innovative process developed.

**9.5.2 Mishra Dhatu Nigam Limited (MIDHANI)**

R&D activities in MIDHANI are primarily focused on alloy and product development, process modification with a view to create

more business opportunities for the company. Significant work has been carried out towards development of special materials for defence, space, power, nuclear and other core sectors. Some of the salient outcome of R&D activities is indicated below.

**i) Alloys Developed**

1. Development of precipitation hardening stainless steel (MDN 11-10 V PH) for structural components of BhraMos Missiles
2. Development of martensitic stainless steel (TS-1) for aerospace transducers
3. Development of Ti- 31 solution treated and aged rings for space applications
4. Development of iron-nickel controlled expansion alloy (Ferti 31-5) for space applications
5. Development of precipitation hardenable Ni-base superalloy Superni 708 for aero engine applications

**ii) Patents Filed**

1. Commercial scale development of an ultra high strength- high fracture toughness maraging steel using thermo mechanical treatments
2. Heat treatable dual phase martensitic –ferritic stainless steel alloy and its production method  
Emphasis is also being laid on indigenization of vital equipments and significant progress has been made towards indigenization of 20T ESR furnace.

**9.5.3 Hindustan Fluorocarbons Limited**

HFL is engaged in the manufacture of Poly Tetra Fluoro Ethylene (PTFE) and of Chloro Di Fluoro Methane (CFM-22). PTFE is extensively used in chemical, mechanical, electrical and electronic industries and has strategic applications in defence and aerospace sectors. CFM-22 is used as pure or in mixture for refrigeration.

The company has carried out following R&D activities in the financial year 2014-15.

1. **Bench Size Reactor:** Trails were conducted for production of Tetra Fluoro Ethyl Methyl Ether ( $C_2F_4HOCH_3$ ) and increased the purity from 60% to 85%. Samples were sent to Japan for Approval.  
Previously this crude product manufactured with 60% only and facing problems at purification and generates more effluents. This problem was

reduced drastically and improves yield.

2. Literature survey on suspension polymerization of FEP (Fluoro Ethylene Propylene) co polymer of Tetra Fluoro Ethylene  $C_2F_4$  and Hexa Fluoro Propene  $C_3F_6$  completed. Trails were conducted on suspension polymerization of FEP and achieved 4% of HFP (Hexa Fluoro Propene) incorporation and future trails are in progress to increase the incorporation of HFP.

**9.6 Steel**

**9.6.1 Steel Authority of India Ltd.(SAIL)**

- i) Research and Development Centre for Iron & Steel (RDCIS) of the Company is India's premier research organization in the field of ferrous metallurgy. Recognizing that development and assimilation of new technologies & process innovations are basic tenets for sustainable growth, the Company gives thrust to R&D efforts through its well equipped R&D Centre located at Ranchi. It has more than three hundred diagnostic equipment and adequate pilot facilities under fifteen major laboratories. The Centre undertakes research projects encompassing the entire spectrum of iron & steel making starting from raw materials to finished products. In the year 2014-15, 80 projects were pursued and 48 projects, as scheduled, were completed with substantial benefits to the organization.
- ii) R&D Centre also pursues pioneering work in the area of development of niche products as per market requirements aiming at superior performance based on application. During the year, 24 products have been developed and some of the noteworthy products include seismic resistant steels for Indian construction segment, Steel for Lighter and Safer Indian Domestic Cylinder, Boiler Quality Plates, Armour Plates for Bullet Proof Application, etc.
- iii) The Centre in its pursuit for excellence in various research fields enters into collaboration for research in specific areas with renowned research institutions and academia. During the year 2014-15, MOU/Collaboration agreements have been entered into with institutions such as Deakin University, Australia; National Metallurgical Laboratory, Jamshedpur; Institute of Minerals and Materials Technology, Bhubaneswar; Liquid Propulsions Systems Centre, ISRO, Thiruvananthapuram; IIT, Kharagpur, etc.

- iv) In order to maintain market leadership, improve operational efficiencies, nurture process innovations and enhance quality of products to international levels, SAIL has embarked upon an ambitious Master Plan for R&D during 2011-12, aiming at integrating R&D initiatives towards business and operational goals of the Company. This called for creating Centre of Excellence (CoE) in all the Plants and implementing High Impact Projects (HIP) and Technology Missions (TM) so as to achieve technological eminence. This initiative has taken roots and is under different stages of implementation.
- v) The efforts of RDCIS engineers and scientists in association with SAIL Plants have culminated in filing of 37 patents and 36 copy rights during 2014-15. As many as 90 technical papers (38 international) were published and 118 papers (45 international) were presented. In recognition of the contributions made, RDCIS bagged several

prestigious awards (14 in total) during 2014-15 like Metallurgist of the Year, O.P. Jindal Gold Medal, Dr. M. Visvesvaraya Award 2014, etc.

#### 9.6.2 Rashtriya Ispat Nigam Limited

At RINL, R&D initiatives are directed towards meeting the present and future requirements of the plant. Achievements of RINL- R&D during the year are given below:

- i) Infrastructure / Manpower:
- The department is presently functioning with a total strength of twenty-six engineers.
  - R&D Centre with state of the art infrastructural facilities, laboratories and sheds for pilot plants etc., is planned, as envisaged in the Roadmap of R&D.
- ii) R&D Work:
- Major projects taken up during the year 2014-15 are given below:

Sl No.	Project	Expected Benefit
1	Mathematical modeling of sintering cum pelletisation process	Process optimization, consistent sinter quality and improvement in productivity
2	Optimization of design & operating parameters on Calcium recovery & its efficacy for inclusion modification	Effective Calcium recovery, inclusion modification and less Alumina clogging
3	Effect of iron ore micro-fines on sintering process	Know how to maximize iron ore micro-fines usage without affecting sinter productivity & quality
4	Feasibility studies of enrichment of BF gas for enhancement of calorific value.	Enhancement of calorific value of BF Gas.
5	Studies on Development of Carbon dioxide (CO <sub>2</sub> ) Sequestration technique using LD Converter slag (steel slag) to Control the Green House Effect of Carbon dioxide	Minimization of Green House Gas emissions
6	Development of thermo-mechanically treated bars having improved seismic resistance.	High NSR, Better market share.
7	Suitability of BF slag as a replacement for river sand in civil construction	Selling of BF slag at par with river sand, usage for construction, fast disposal of BF slag, knowledge of different processes of slag granulation
8	Development of boron steel grades at VSP	Better NSR with automobile applications like high strength fasteners, dash panel, safety bars around seats, door guard beams, Inner B-pillar reinforcements, bumper reinforcements, etc.
9	Minimization of crumbling of steel slag	Reduces environmental pollution, easy handling, transport and storage of cooled slag
10	Optimization of operating parameters for Ca-Si treatment of liquid steel at SMS-2 for improving castability of steel	Improvement of tundish life, improvement of castability of steel and ensuring smooth casting of steel, production of clean steel.
11	Improvement of MgO-C brick quality to enhance converter life	The product (Improved MgO-C refractories) developed from recommended formulation was used in the converters and improved converter lining life was achieved.

## 9.7 Fertilizer

### 9.7.1 Rashtriya Chemicals and Fertilizers Limited (RCF)

We are in an era where innovation is not only a key to the growth but also key to survival. R&D plays critical role in innovation. RCF has always emphasized on taking up R&D activities in its quest towards innovation.

List of some of the R&D projects undertaken by the Company during financial year 2014-15 are as follows:

#### i) Lab Scale Development of Composite Bio Fertilizer:

Composite bio fertilizer is the combination of all three microorganisms; namely Phosphorous (P) solubilizing, Nitrogen (N) fixing and Potassium (K) mobilizing bacteria.

The composite bio fertilizer with all the above bacteria is developed in RCF laboratory. Company will take further steps to commercialize the product after successfully completing the field trials.

#### ii) Trial Production of Water Resistant Plaster for External Application from Calcined Gypsum:

In consultation with Institute of Chemical Technology, R&D department has come up with a formulation for manufacturing an eco-friendly water resistant plaster for external application on the walls from Calcined Gypsum. It has potential to replace conventional sand cement mortar mix.

#### iii) Development of Pot Hole Fill Mix from Calcined Gypsum:

R & D developed new formulation using Calcined Gypsum, for preparing a Pot hole fill mix which can be used on roads to fill pot holes especially in monsoon. It is a cost effective alternative for commercially available Cold Mix.

#### iv) Development of 100% Water Soluble Fertilizer N P K (13:40:13):

R & D department developed 100% water soluble fertilizer N P K 13:40:13 under brand name Sujala. It is free flowing and suitable for all crops especially for root development and bud differentiation.

#### v) Development of Micronutrient Grade for Paddy Basal for Tamil Nadu State:

Micronutrients like Boron (B), Copper (Cu), Iron (Fe) etc. are essential for plant growth and play an

important role in balanced crop nutrition. Lack of micronutrient in soil can limit the crop growth even if all other main nutrients are present in adequate amount. These micronutrients are state specific.

The R & D department of Company has developed state micronutrient grade (No. XI) for Tamil Nadu state for Paddy crop basal application in solid form. The trial production is completed. It will be commercialized shortly.

## 9.8 Heavy Engineering

### 9.8.1 Bharat Heavy Electricals Limited (BHEL)

#### i) Innovation

Continuous product development is the cornerstone of strategy for meeting the challenges in today's environment. BHEL places strong emphasis on innovation and creative development, which are the important drivers of BHEL's R&D programmes for achieving growth. The R&D efforts of the company are not only aimed at improving the performance and efficiency of the existing products, but also developing new products using state-of-the-art technologies and processes.

Over the years, BHEL entered into numerous technology collaboration arrangements with leading global manufacturing and engineering companies, such as General Electric Company of the United States, Siemens AG of Germany, Alstom SA of France, Mitsubishi Heavy Industries Ltd. of Japan and ABB Group of Switzerland. The company has successfully indigenised these technologies to meet the requirements of Indian customers and internalising manufacturing at its own facilities. Today, with eleven ongoing collaborations, BHEL is focusing on successful adaptation and timely absorption of these technologies. Ongoing Technology Collaborations (Partner / Product)

#### ii) Achievements during the year (2014-15)

BHEL has recorded significant achievements during the year. The R&D expenditure of the company for the current financial year is Rs 1018.59 Crore which is 3.29% of the turnover. This also includes the expenditure incurred on R&D efforts gone into major modifications/ improvements in product/ designs against customer requirements which are not covered in R&D projects. The company filed 453 patent and copyright applications filed during the year 2014-15, enhancing the company's intellectual capital to 3010. A total of Rs 7,300 Crore of the company's total turnover has been achieved from its in-house developed products and services.



During the year, there have been significant developments / improvements in engineering, processes and products covering various business verticals like Power, Industry, Transportation and Renewables. Some notable achievements are:

- BHEL has developed Fuel flexible Boiler design that caters to blending & co-firing of imported and indigenous coals
- BHEL has developed Hot Re-Heat (HRH) line safety valve with larger orifice area for Once Through Supercritical (OTSC) application which meets all the requirements of ASME Section-I and IBR. The development has led to reduction in number of valves required for 660 and 800 MW OTSC boilers
- BHEL has developed thermal shock resistant and high temperature wear resistant special refractory liners for cold cyclone CFBC boilers. The newly developed liners are thinner (thickness reduced from 70 mm to 25 mm) and more erosion resistant
- BHEL has indigenously developed a cost effective new product “Smart Wall Blowing System” (SWBS) for supercritical boiler application, replacing a hitherto imported system, thereby reducing dependence on foreign vendors
- BHEL has developed and successfully type tested (at KEMA, Netherland) 36 kV, 40 kA Gas Insulated Switchgear incorporating new vacuum interrupters to handle higher fault current from present level of 25 kA to 40 kA
- To address the business of Extra High Voltage transmission (EHV), BHEL has developed a 765 kV class, 80 MVA shunt reactor using state-of-the-art technologies having low levels of electrical losses and vibration. The developed shunt reactor has been supplied to PGCIL- Wardha substation for 2 years field trial
- To meet market requirement, BHEL has developed and tested successfully a new variant of Indoor Air Insulated Switchgear (AIS) suitable for Arc Fault Rating 12kV, 40 kA for 0.2 Sec
- BHEL has developed and tested a new product 765 kV Class, 275 MVA Rating Generator Transformer (GT) using state-of-the-art technologies resulting in lower electrical and core losses
- BHEL has added a new product variant in its existing product range by indigenously developing a new vertical multistage centrifugal pump for condensate drip pump applications in 800 MW supercritical sets which were outsourced earlier
- In line with its focus on energy efficiency, BHEL has developed, manufactured and successfully

type tested an efficient and compact variant of 2 pole induction motor of 400 kW, 6.6 kV for centrifugal pump application

- To address the requirement of industrial application, BHEL has developed low cost, light weight compact modular design of 3 MW and 5 MW, 11 kV Alternators suitable for top as well as side mounted coolers and tested successfully as per IEC 60034-1
- BHEL has developed a new product variant of 4x500 kVAR STATCOM for DC oil rig application. The development has led to improvement in utilization of diesel generator capacity by compensating reactive power and improving quality of voltage & current.
- BHEL has optimized “emitter diffusion process” employed in the solar PV panel manufacture to improve solar cell efficiency by optimizing various diffusion parameters such as diffusion temperature, gas flows and exhaust rate. This has led to improvement in average cell efficiency to 18.75% resulting in improvement in the wattage of modules

### 9.8.2 Bharat Dynamics Limited

#### i) Proactive Action to improve R&D.

BDL has established Missile Development Group with an aim to design and develop in-house Missile. Various technological Labs like RF Lab, Laser Lab, Aerodynamic Lab and Seeker Head Lab are being established for this purpose.

#### ii) The following products are being designed and developed.

- a) **Amogha Missile:** Anti-tank Guided Missile of 3 km range. First field firing test was successfully completed at Bircha Field Firing Ranges, Mhow. Further development of the subsystems is under progress.
- b) **RF ATGM:** Anti-Tank Guided Missile for mechanized forces with RF Guidance. Design and development is under progress.
- c) **Propellant for Amogha ATGM:** Propellant for 3 km range is being developed jointly with HEMRL.
- d) **Counter Measures Dispensing System (CMDS) for Su-30 MKI:** This protects aircraft from the incoming missile threats by dispensing flares or/ and Chaffs. Final phase of trials has been successfully completed by ASTE (Indian Air Force) at Air Force station, Gwalior.

The following variants of CMDS for MIRAGE 2000 Aircraft Upgrade:

- **BDL- CMDS for MIRAGE 2000 Aircraft**

## Upgrade:

- **BDL- CMDS for Light Combat Helicopter:**
- **BDL- CMDS for dispensing 50 mm  $\phi$  Russian Payloads**

iii) **Indigenization:** The following products are being indigenized.

- **Control Panel for Russian CMDS (ASO 2V) for Mi-17 helicopter:**

Qualification tests have been completed successfully. Prototypes duly cleared by RCMA (Missiles) have been delivered to 12BRD, IAF.

- **50 mm Dispenser Unit for Su-30MKI aircraft:**

Prototype is manufactured for Form Fit and Functional checks

### 9.8.3 Hindustan Aeronautics Limited (HAL)

- R & D policy is formulated aiming at developing an effective R & D eco system to design and development technologies, products and services through creative and innovative R & D efforts
- R & D corpus created, earmarking 10% of Operational Profit after Tax, to promote Technology Development and new design projects namely preliminary design activities for 1200 kW turbo shaft engine (HTSE) and Development of Navigation Sensor Unit (NSU) for Hawk taken up based on the funding
- To strengthen the Industry academic partnership, R & D Chair has been established at IIT Madras, Chennai. HAL Chair will be responsible for carrying out research in various aerospace technologies, provide technical consultancy, facilitate training programs etc.
- Towards IPR protection, 814 patent applications are filed during the year 2014-15. Cumulative of 1094 patents are filed till Mar 31, 2015.
- An MOU between HAL and Central Institute of Plastics Engineering & Technology (CIPET) is signed for indigenous development of glass and carbon composites, adhesives, tooling, machining and training.

## 9.9 Medium & Light Engineering

### 9.9.1 Bharat Electronics Limited (BEL)

- i) Research and Development has been the

core strength of BEL and BEL continues to focus on development of technology modules and products. Apart from in-house efforts, BEL R&D engineers had close co-operation with DRDO, other national research and development agencies and academic institutes. The R&D activities have been carried out in all the business segments of Radars, Military Communication, Naval Systems, Missile Systems, Electronic Warfare, Avionics, C4I systems, Electro-optics, Tank Electronics, Gun upgrades, Civilian equipments & systems and Components during the year 2014-15.

ii) BEL has identified the measures which include strengthening the technology development process through short, medium and long term technology roadmaps, increased investments in R&D and setting up of a company-wide knowledge Management system to harness the complete potential of the R&D Engineers.

iii) BEL is also taking adequate initiatives for joint developments with reputed foreign companies to quickly harness specialized technologies into the new products. Also, suitable tie-ups with various Indian companies are under study to ensure indigenization in development.

iv) Following are some of the new initiatives undertaken by BEL in the areas of R&D and Technology development during the year 2014-15:

- Software development Facility in BEL is expanded to accommodate more manpower & IT infrastructure to address future projects
- A Product development and innovation centre to take up development needs of start of art products design catering to all units of BEL within BEL.
- Existing Knowledge Management portal is updated which include Search facility, mail facility and user friendly GUI
- Sponsorship program motivates young engineers for continuously upgrading their skill sets and knowledge to fill the gap in technical manpower
- Collaborative R&D through Expression of Interest from various foreign and Indian design houses. BEL has shortlisted various foreign and Indian industries, academic institution and consultants towards greater indigenization in products.

BEL has streamlined the process of filing thru empanelment of IPR Attorney firms



## 1.10. Transport Equipment

### 9.10.1 Dredging Corporation of India Limited

Indigenized manufacture of dredging equipment like drag heads, suction bend, suction slide, wear plates, Gimbal rings, bend pipes, brass/ bronze bushes of bigger size, fork arms, hydraulic cylinders, etc.

### 9.10.2 Cochin Shipyard Limited

i) R&D policy of CSL is to enhance the company's pre eminence in Shipbuilding, Ship repair and other chosen fields and products through Research and Development. In house R&D activities have been undertaken during the year 2014-15 in the areas of welding for productivity improvement as below.

ii) Company has undertaken R&D work mainly in two areas namely a) development of welding procedure for Activated TIG (A-TIG) for pipes and b) distortion prediction and measurement of Ship Blocks and their Mitigation. The total expenditure incurred for the year 2014-15 for above projects was ₹0.55 crores.

iii) **Details of activities and benefits derived are as follows:-**

a) **Development of Weld Procedure for Activated TIG (A-TIG)**

Development of Weld Procedure using A-TIG has been undertaken to overcome the limitation of conventional TIG welding i.e. the thickness of material to be welded in single pass, by applying a thin coating of the activated flux on the joint prior to weld. By employing this process, the bevel preparation requirements for pipe welding has been decreased and the number of weld passes required has also been reduced compared to conventional Tungsten Inert Gas (TIG) welding process. This has resulted in shortening of welding time. This process is being introduced in Shop floor for pipe welding.

b) **Distortion prediction and measurement of Ship Blocks and their Mitigation**

This research project has been undertaken in collaboration with Ocean Engineering and Naval Architecture Department, IIT Kharagpur. In this research an extensive investigation on buckling phenomenon in fabrication of stiffened panels of Ships was carried out. A method of distortion

mitigation by counteracting the compressive forces developed due to welding of stiffeners was developed and investigated in detail. By this research, appropriate distortion control methods and procedures to mitigate buckling distortion during fabrication of stiffened panels has been developed.

iv) **Expenditure incurred on other projects during the period.**

In the year 2014-15, the company has spent Rs 0.42 crores towards procurement of an orbital welding machine with TIG welding process in pipe shop for automation of pipe fabrication.

### 9.10.3 Goa Shipyard Limited (GSL)

i) As part of R and D Initiatives GSL has indigenously developed several designs of cost effective patrol vessels for Indian Navy and Coast Guard which includes 50M Fast Patrol Vessels, 90M Offshore Patrol Vessels, 105M Advanced Offshore Patrol Vessels, and 105M Naval Offshore Patrol Vessels, which are already in the service.

ii) Further to above GSL's Fast Patrol Vessel and improvised Offshore Patrol vessels are already under execution for export to friendly countries. These initiatives of R&D at GSL have saved the country considerable amount of foreign exchange and helped towards self reliance

iii) GSL has been recognized as an in house R and D unit by the Department of Scientific and Industrial Research since Feb 2014. GSL is the only shipyard to have been accorded this recognition.

iv) As part of GSL's initiative to be **"market ready for future"** the following Design and Development activities are in progress for immediate as well as future requirement of the Indian Navy and Coast Guard

- 29 M 40 Knots Interceptor Boat
- 72M Shallow Water Platform for Anti Submarine Warfare application
- 75M Patrol Vessel
- 105 to 110M Multi Mission Missile Capable OPV
- Improvisation of 105M OPV design for improving fuel efficiency and additions of more features.

#### 9.10.4 Bharat Earth Movers Limited (BEML)

i) The Company has a focused approach on in-house R&D. It has a well established R&D set-up in all the three verticals. The major activities of R&D include Design and development of new products and aggregates for products such as Dozers, Dumpers, Excavators, Loaders, Graders & other Defence and Railway Products, Technology absorption, Indigenization, Company standardization activities, while continuously working on up-gradation of existing products. Defence equipment R&D is also taken up at KGF and Bangalore Complexes. Arjun ARRV design & development has been taken up to fully indigenise this equipment, in association with CVRDE.

ii) The Company spends around 2.5% to 3% of its turnover towards R&D, which has resulted in development of new products. The new/upgraded products have contributed an average of over 25% of the total turnover in the last 5 years. This has also helped in sustaining and improving market shares in certain product segments. Every year new products are developed and existing products are upgraded by R&D. BEML also works in close association with CVRDE and DRDO Labs in the development of new products thus enabling self reliance in Design, Development and Equipment production.

iii) To cater to the above technology needs, BEML is continuously modernizing its production facilities with the latest state-of-the-art technology to deliver quality products with in the scheduled time. The Modernization Programme ensures enhancement in productivity by up-gradation of technology, quality, reduction in cost, reduction in rework by improvement in process, adherence to environment and safety norms, expansion of manufacturing capacity, de-bottlenecking to ensure continuous production.

iv) Company has launched and upgraded the following new products to expand the product basket & increase the market share:

##### a) Mining & Construction:

- ❖ BE1000-1 Hydraulic Excavator - design and development of Engine Auto Idling Feature.
- ❖ BE75, BE220G and BE240 HD Excavators - design and development of CAN based 3.8" single

LCD monochrome display instrumentation

- ❖ BG825 Motor Grader & BL-40 Wheel Loader - emission up-gradation of 140 bore Engine to BS III norms
- ❖ Excavators, Dozers & Loaders - development of CAN based Data Logger.
- ❖ BH60M Dumper – up-gradation with ABS/ASR features
- ❖ BD65-1 Dozer – design and development of CAN based 3.8" single LCD monochrome display instrumentation.

##### b) Defence:

- ❖ Cabin with add-on armour for trucks
- ❖ Swing Axles
- ❖ Electronic Control Unit

##### c) Rail & Metro:

- ❖ Mainline Electric Multiple Unit (MEMU)
- ❖ Diesel Electrical Multiple Unit (DEMU)

#### 9.10.5 Konkan Railways Corporation Limited (KRCL)

i) KRCL route has very special terrain with 564 no. of high cuttings and 91 no. of tunnels. During construction stage, High Pressure Sodium Vapour (HPSV) type light fittings were provided for tunnel lighting. These lamps emit yellow light, provide low illumination levels and are energy inefficient. Initially the average illumination inside the tunnel was about 7 - 8 LUX which, with the aging of the HPSV light fittings, got reduced to as low as 2 LUX. Further, since rail signals have also been provided inside many tunnels, these lamps were also likely to get mixed with the yellow aspects of signal even though for distinction, a few white tube lights were provided on either side of the signals.

ii) Since this initial provision, lighting technology has come of age. With the advent of newer technology, KRCL did a lot of experimentation and R&D with latest type of energy efficient light fittings like metal halide, compact fluorescent lamp (CFL), T5 and LED type, with a view to identify the most suitable light fitting for tunnel lighting application. The environment inside the tunnels being humid, with heavy vibrations, pollution, continuous water seepage and constraint of

limited space, ordinary luminaries suitable for outdoor applications often fail there and, therefore, cannot be employed.

- iii) As an experiment, CFL type luminaries were used in a few tunnels for exploring optimum replacement. However, it was observed that while average lux is varying from 3 to 5 lux, they often fail because of heat dissipation issues and vibrations inside the tunnel. Further, experiments with T-5 type fittings also did not yield successful results due to space constraints, installation issues, maintenance problems and lower illumination.
- iv) Corporation undertook extensive experimentation with LED based luminaries. It was found that LED type lights are best suited for tunnel lighting. These are energy efficient saving about 30 to 40% electrical energy, provide almost 2 – 3 times illumination levels as compared to HPSV lamps and emit white light with high Colour Rendering

Index (CRI). Their failure rate and life cycle cost is low and thus become less expensive in the long run. The white light also helps in avoiding confusion of loco pilot inside the tunnel, between the tunnel lights and signal light thus improving safe train operation.

- v) Specifications for LED based tunnel light fittings were not issued by Research Design and Standards Organization (RDSO) – The R&D Wing of Railways or Bureau of Energy Efficiency (BEE) or any other such organization. After extensive field trials and lab tests for years, KRCL developed specification and fittings incorporating all vital parameters specified by BEE, ISS & RDSO, and developed light fittings for tunnel application. During field trials the fittings have given satisfactory performance.
- vi) Important specifications of 24 W tunnel LED light fittings developed by KRCL are given as under:

Sl no	Item	Specification
1	Conforming standards	Relevant IEC/ EN/IS specifications.
2	LED junction temperature	85 °C
3	Efficiency	More than 90 % at Junction temp at 85 °C
4	Power factor of complete fitting	More than 0.95 PF
5	Life (Hrs).	Life of minimum 50,000 hrs at Junction Temperature of 85 °C
6	LED output (lumen per watt)	LED output of 100 lm/W
7	LED makes	NICHIA, OSRAM, CEOUL, PHILIPS LUMILEDS, LEDNIUM, CREE, AVAGO
8	Testing	Acceptance and routine test including Insulation resistance test, HV test, Over voltage protection test, surge protection test, Reverse polarity test, Ra measurement, Fire Retardant Test, IP 65 protection test, and life test at manufacturers works and / or NABL approved laboratories

vii) In view of multiple advantages and benefits, including conservation of energy and environment, Corporation, decided to replace 70 Watt HPSV lamps with 24 Watt LED lights in all tunnels, saving about 30-40% in energy consumption. Besides, the average illumination inside the tunnels is now more than 12 Lux with soothing white light. This has reduced the fatigue of the workmen inside the tunnel. Further, the signal sighting has been unambiguous thus improving the safety of train operation. The work has been completed in all lighted tunnels except one, where the replacement

by LED shall be executed after Geo safety works are completed.

#### 9.10.6 CONCOR

**CONCOR** is in the service sector and one of its main assets is the rolling stock, procured from various sources including Railway workshops as per the prescribed railway standards & design and modifications made from time to time. Given the above linkage, most expenditure on R&D incurred by comparing is by way of payment of design loan charges to Indian Railways.



In addition to above, CONCOR is instituting standalone studies for gauging effect of policies relevant to logistics sector. In year 2014-15, CONCOR carried out following activities in R&D area:

- a) Study for Design of Cargo Logistics facilities at Kathuwas – with objective of designing a state of art rail linked facility providing seamless logistics facilities for the user with minimal cross movement of traffic.
- b) Operation Research Study for evolving better container inventory management at Rail Transshipment Hubs on DFC – with the objective of introduction of IT innovations to optimize the load ability of containers moved on double stack. This study was a joint collaborative effort with IIT/Delhi.
- c) Study of SFTO policy with a view to ascertaining its benefits and investment option, if any, for CONCOR – The study was conducted to explore possibility of CONCOR giving in for procurement of special purpose freight loading of stock.

All the studies were completed well within the prescribed time limits and their results are being used for effecting improvement in the logistics sector.

## 9.11. Consumer goods, Agriculture & Others

### 9.11.1. Artificial Limbs Manufacturing Corporation of India (ALIMCO)

During the year 2014-15, following products have been taken up for Design & Development:-

- (a) Detachable tricycle
- (b) Special purpose wheel chair for railways
- (c) Smart cane
- (d) Daisy player
- (e) Tablet
- (f) Smart phone with screen reading software
- (g) Assistance to daily living kit

#### Details are as under:-

##### (A) DETACHABLE TRICYCLE

ALIMCO has developed in house latest form of handy type compact Detachable Tricycle (weight 40kg) which is very useful for Persons with Disability. This can be easily assembled with some fasteners, making it a useful mobility aid for orthopedically impaired users. This type

of tricycle is designed to carry pay load of 80-120Kgs. Another advantage of this tricycle is that it has a box below the seat for carrying livelihood material, daily living needs and tools. Development of this detachable Tricycle may reduce the current transport cost to 1/3<sup>rd</sup> and transportation to North Eastern States will be easy with no damages in the large distance dispatches. This innovation will also open the doors for exporting this item particularly to South Eastern Countries.



##### (B) SPECIAL PURPOSE WHEEL CHAIR FOR RAILWAYS TRICYCLE

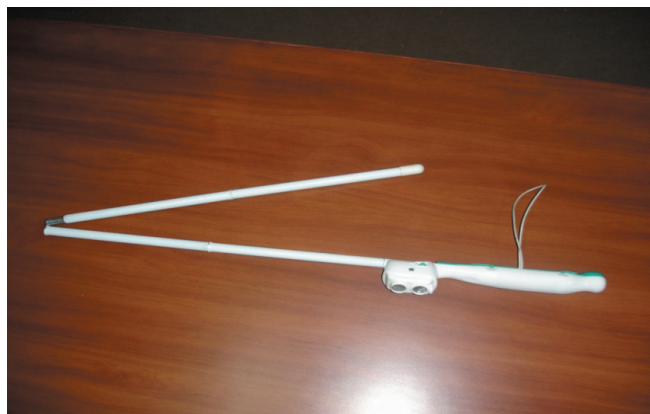
ALIMCO has developed a heavy duty type special purpose Wheel Chair for Railways with folding footrest. This wheel chair is special because its Seat & Back rest is made up of mild steel sheet for durability and its front castor wheels is made up of Aluminum fork with MCP tubeless tyres for riding on rough and uneven surfaces. It's swinging & folding footrest makes disable people easy to get down.



##### (C) SMART CANE

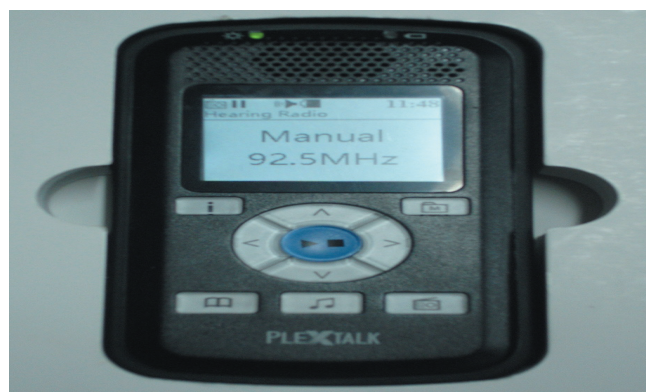
ALIMCO has launched advanced type of Smart Cane for Visually challenged person which has a Detachable unit that can be placed on one fold of white cane. The device employs directional, ultrasound based receiver-transmitter technology to detect obstacles above knee

height. Capable of detecting obstacles using sensors from the knee height up to the head height of the user. The User obtains distance information through vibratory patterns that vary with changing obstacle distance. As the obstacle comes closer the vibration frequency increases incrementally. Smart Cane (Folding) Type-I normal cane for average height user. Smart Cane (Folding) Type-II longer cane for tall user.



#### (D) DAISY PLAYER

ALIMCO has launched advanced type of **Daisy (Digital Accessible Information System) Player** for Visually challenged person which is a technical standard for digital audiobooks, periodicals and computerized text. Capability to read digital book formats (Daisy format, doc., html & txt.) 35 hours voice recorder facility, 3.5mm stereo earphone. Variable speed playback. Support for playback of .mp3 & .wav audio file formats. Easy to use and identifiable user interface. Facility to transfer data through USB. Auto shutdown after specified time. External memory up to 16GB.



#### (E) TABLET

ALIMCO has launched a TABLET for Visually challenged person which has Voice Recognition support

for Indian-English language. It has RAM of 1GB, 7" display Android 4.2 or higher/IOS 6.0 or higher, 3.5mm jack for headphone. 2GB internal memory expendable up to 16GB. Built in speaker and microphone supplied with wired or Bluetooth keyboard. Daisy and/or EPUB Book Reader Application capable of connecting with ONLINE library. Mail client and web browser application. Battery Capacity-Playtime up to 10 hours. It also support screen reading software with TTS installed in English and Hindi.



#### (F) SMART PHONE WITH SCREEN READING SOFTWARE

ALIMCO has launched a SMART PHONE (WITH SCREEN READING SOFTWARE) for Visually Challenged person which has RAM of 1GB. Daisy and/or EPUB Book Reader Application capable of connecting with ONLINE library. 2GB internal memory expendable up to 16GB. Battery capacity 2400mAH. GPS, Wi-Fi and Bluetooth. Mail client and web browser application. It also supports screen reading software, TTS installed in English and Hindi.



#### (G) ASSISTANCE TO DAILY LIVING KIT





Kit consists of items for providing assistance for daily living for leprosy affected persons which includes:-

Universal Cuff

Nail Cutting Device

Soap Holder

Button Hook to facilitate buttoning

Zipper Pull –Hook with a ring at one end.

Writing Aid or Adapted pen with positioning splint.

Rubber Gloves.

Insulated Scissors.

Insulated Tumbler or Adapted Glass Holder.

Wider Brim Plate.

Long Handled Lever Tap.

Cell Phone for leprosy affected persons

## 9.12 Project Consultancy

### 9.12.1. Engineers India Limited (EIL)

During the year the following initiatives for development of new capabilities and up-gradation & commercialization of existing capabilities were undertaken:

#### i) Technology development projects initiated

- Development of Process for Treatment of Naphtha Stream to eliminate Mercaptan by CFC Process.
- Regeneration of Glycol by Extractive Distillation - Eliminating need of Stripping Gases.
- Solvent development for CO<sub>2</sub> removal from sour gases
- Hydraulic testing of M/S KEVIN supplied PARLPAK

252m<sup>2</sup>/m<sup>3</sup>, ME250Y, ME250Y Additional and ME250Y Vantage at EIL R&D Complex.

The following technology development projects were initiated during the year and are in progress:

- Development of technology for design of Higeer water deaeration system in association with BPCL (R&D)
- Design Methodology for Trays with Explosion Hatches
- Process Design and Development of New Separation Devices for Flash Drum

#### ii) Initiatives for strengthening technology tie ups

For strengthening technology tie ups, membership of following research consortiums for year 2015-16 has been renewed

- Membership of Process Science Technology Center, an industry-academia collaborative research program initiated by University of Texas, USA
- Membership of Fractionation Research Incorporated, a non-profit cooperative research organization based at Oklahoma, USA
- Membership of Process Integration Research Consortium of University of Manchester UK

#### iii) Patents filed / granted

Based on innovative work done during the year, the following two patents have been filed

- High pressure fluidized bed gasifier and gasification process thereof
- An absorbent liquid and a process for removal of acid gases using the same

Two other patents filed earlier have been granted this year:

- Patent No 261235 Dated 13-6-2014: An Apparatus for Separation of C<sub>2</sub>/C<sub>3</sub> and LPG from LNG Cold Stream and A Method for the Recovery thereof.
- Patent No 261476 Dated 20-6-2014: A Steam Trap Device



## Chapter 10

### Mega and Major Projects under Implementation

As on 31.03.2015, there were altogether 751 projects under implementation in the central sector, out of which 257 projects were Mega projects (each costing ₹1,000 crore and above) and 494 were Major projects (each costing between ₹500 crore and ₹1000 crore). The total anticipated cost of these 751 projects is ₹1234208.57 crore and the total expenditure incurred on them till 31.03.2015 stands at ₹544538.11 crore, which is 44.12% of the total anticipated cost of these projects.

Out of these 751 projects in the central sector, 173 projects belonged to Central Public Sector Enterprises (CPSEs), of which 124 were Mega projects and 49 were Major projects. The total original cost in respect of these 173 projects of CPSEs stood at ₹587426.54

crore, while the revised/anticipated completion cost is ₹650832.69 crore, indicating a cost over run of around 10.79%.

#### 10.1 Atomic Energy

The total original cost of the 4 projects in the Atomic energy sector stood at ₹40442 crore and the anticipated completion cost at ₹51918.00 crore, indicating a cost over run of 28.38%. The expenditure incurred on these projects till March, 2015 is ₹33554.80 crore, which is 82.97% of the original cost. These projects belonged to the Bhavini Limited and Nuclear Power Corporation of India Limited. Details of projects costing above ₹500 crore as under:-

##### 10.1.1 Bhavini Limited

Sector wise status of Mega and Major projects of CPSEs based on 353<sup>rd</sup> Flash Report on Central Sector Projects for the month of March'2015 published by Ministry of Statistical and Project Monitoring Division (MoSPI), are summarised in the paragraphs below.

Proj_title	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Prototype Fast Breeder Reactor (Bhavini, 500 MWE)	09/2003	09/2010	N.A.	3492.00	5677.00	97.64

##### 10.1.2 Nuclear Power Corporation of India Limited (NPCL)

Proj_title	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Kakrapar Atomic Power Project - 3 And 4	10/2009	12/2015	10/2017	11459.00	11459.00	66.60
Kudankulam App (Npcil)	12/2001	12/2008	06/2015	13171.00	17270.00	99.10
Rajasthan Atomic Power Project -7 And 8 (2x700 Mw)	10/2009	12/2016	04/2018	12320.00	12320.00	50.18

#### 10.2 Civil Aviation

The total original cost of 7 projects in the Civil Aviation sector stood at ₹2599.56 crore and the anticipated completion cost at ₹2652.48 crore, indicating a cost over run of 2.04%. The expenditure incurred on these project still March 2015 is ₹1629.30

crore which is 62.68% of the original cost. These projects belonged to the Airport Authority of India Limited. Details of the only project costing above ₹ 500 crore are as under:

### 10.2.1 Airport Authority of India Limited (AAI)

Proj_Title	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Gagan Project	09/2008	06/2013	N.A.	626.00	626.00	98.30

### 10.3 Coal

The total original cost of implementation of the 73 projects stood at ₹58516.59 crore and the anticipated completion cost at ₹55939.62 crore, which is 4.40% less than the original cost. The expenditure incurred on these projects till March, 2015 is ₹21079.83 crore which is 36.02% of original cost.

These projects belonged to the Bharat Coking Coal Limited, Central Coal Fields Limited, Neyveli Lignite Corporation, Northern Coal Fields Limited, and South-Eastern Coal Fields Limited etc. Details of the 20 projects costing above ₹500 crore are given as under:

#### 10.3.1 Bharat Coking Coal Limited (BCCL)

Proj_Title	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Kapuria UG(Pslw)	08/2011	04/2017	04/2017	988.35	988.35	0.00
Moonidih XV Seam UG	08/2011	04/2015	04/2019	1230.27	1230.27	0.00
North Tisra And South Tisra Expansion OCP (6MTY)	02/2014	03/2021	03/2021	555.52	555.52	0.00

#### 10.3.2 Central Coalfields Limited (CCL)

Proj_Title	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Amrapali OC(12MTY)	02/2012	03/2020	03/2020	858.11	858.11	0.00
Rajrappa RCE OCP ( 3.0 MTY)	12/2009	03/2016	03/2016	510.85	510.85	0.00

#### 10.3.3 Eastern Coalfields Limited (ECL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Sonepur Bazari (COMB) OCP (8.0 MTY)	08/2012	03/2018	03/2018	1055.05	1055.05	40.00

#### 10.3.4 Mahanadi Coalfields Limited (MCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Garjanbahal OCP	11/2014	03/2021	03/2021	1375.38	1375.38	4.00
Siarmal OCP (40.00MTY)	05/2014	03/2026	03/2026	3756.36	3756.36	10.00

### 10.3.5 Northern Coalfields Limited (NCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
AMLOHRI EPR (NCL) (6 MTY, INCR.)	12/2009	03/2016	03/2016	1352.04	1143.54	0.00
BLOCK-B OCP NCL (3.5 MTY)	06/2011	03/2015	03/2016	746.04	535.10	0.00
KHADIA EXPANSION OPENCAST PROJECT(4 TO 10 MTPA,6MTPA INCREMENTAL)	06/2011	03/2018	03/2018	1131.28	1131.28	0.00
KRISHNASHILA (NCL) (4MTY)	06/2011	03/2013	03/2016	789.88	741.62	0.00

### 10.3.6 Neyveli Lignite Corporation (NLC)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
NEYVELI NEW THERMAL POWER PROJECT(2X500 MW)	06/2011	12/2015	04/2018	5907.11	5907.11	6.86
TPS-II EXPANSION (1470MW TO 1970MW) (NLC)	10/2004	06/2009	06/2015	2030.78	3477.21	96.25
TUTICORIN THERMAL POWER PROJECT- 2X500 MW	05/2008	03/2012	05/2015	4904.54	6602.74	88.82

### 10.3.7 Western Coalfields Limited (WECL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
DINESH OCP	11/2014	03/2020	03/2020	611.16	611.16	0.00

### 10.3.8 South-Eastern Coalfields Limited (SECL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
CHHAL OC SEAM -III (6.00 MTY)	12/2013	03/2022	03/2022	610.63	610.33	0.00
DIPKA EXPANSION OCP (SECL) (20-25) MTY	12/2009	03/2014	03/2016	1943.66	1943.66	80.00
GEVRA EXPANSION OCP (SECL) (25-35) MTY	06/2010	03/2014	03/2016	2675.67	2675.67	68.75
KUSMUNDA EXPN.OCP(SECL) (15-50)MTY	08/2013	03/2023	03/2023	7612.33	7612.33	6.25
PELMA OCP(15.00MTY)	11/2014	03/2023	03/2023	1624.59	1624.59	16.67

## 10.4 Steel

There were 25 projects in the Steel sector under implementation by NMDC, RINL and SAIL as on 31.3.2015. The total original cost of implementation of these projects stood at ₹59680.22 crore and the anticipated completion cost at ₹63394.62 crore which is

6.22% more than the original cost due to cost overrun. The expenditure incurred on these projects till March 2015 is ₹43484.51 crore which is 72.86% of the original cost. The details of the 12 projects costing above ₹500 crore are given below:

#### 10.4.1 National Mineral Development Corporation (NMDC)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
1.2 Mtpa Pellet Plant Project ,Donimalai (NMDC)	04/2011	04/2013	06/2015	572.00	572.00	95.00
7.0 Mtpa Kumaraswamy Iron Ore Mine Project (NMDC)	02/2011	05/2013	08/2015	898.55	898.55	0.00
Bailadila Iron Ore Project Deposit-11b (NMDC)	01/2007	12/2011	03/2015	607.17	607.17	0.00
Nmdc Integrated Steel Plant	01/2010	05/2015	12/2016	15525.00	15525.00	0.00

#### 10.4.2 Rashtriya ISPAT Nigam Limited (RINL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
3RD CONVERTER AND 4TH CASTER	07/2011	07/2016	07/2016	974.76	974.76	0.00
BLAST FURNACE-2 CATEGORY-1 CAPITAL REPAIRS	07/2011	07/2015	03/2016	877.73	877.73	0.00
CAPTIVE POWER PLANT - 2	02/2011	09/2013	05/2015	677.00	677.00	92.00
EXPANSION OF LIQUID STEEL CAPACITY FROM 3MT TO 6.3MT (RINL)	10/2005	10/2009	05/2015	8692.00	12291.00	97.80

#### 10.4.3 Steel Authority of India (SAIL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
EXPANSION OF BHILAI STEEL PLANT	08/2010	03/2013	09/2015	17265.00	17265.00	0.00
EXPANSION OF BOKARO STEEL PLANT	05/2010	12/2011	05/2015	6325.00	6325.00	0.00
EXPANSION OF DURGAPUR STEEL PLANT	08/2010	12/2012	05/2015	2875.00	2875.00	0.00
UPGRADATION OF BLAST FURNACE-1 AT RSP	06/2014	04/2016	04/2016	708.91	708.91	0.00

#### 10.5 Petrochemicals

There was 1 project in the Petrochemicals sector under implementation as on 31.3.2015. The total original cost of implementation of this project stood at ₹5460.61 crore and the anticipated completion cost at ₹9834.00 crore which is 80.09% more than the original cost. The expenditure incurred on this project till March

2015 is ₹8459.13 crore which is 154.91% of the original cost. This project belonged to Brahmaputra Cracker & Polymer Limited, details of which are as under:

### 10.5.1 Brahmaputra Cracker & Polymer Limited

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Assam Gas Cracker Project	04/2006	04/2012	06/2015	5460.61	9833.52	99.70

### 10.6 Petroleum

There were 72 projects in the Petroleum sector being implemented by BPCL, GAIL, HPCL, IOCL, MRPL, NRL, ONGC and OIL as on 31.3.2015. The total original cost of these projects stood at ₹157335.33 crore

and the anticipated completion cost is ₹174867 crore which is 11.14% more than the original cost. The expenditure incurred on these projects till March 2015 is ₹74378.94 crore which is 47.27% of the original cost. The details of the 44 projects costing above ₹500 crore are given as under:

#### 10.6.1 Gas Authority of India Limited (GAIL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Jagdishpur-Haldia Pipeline Project Phase-I	07/2009	01/2013	02/2019	7596.18	3957.00	0.00
Kochi-Kootanad Bangalore Mangalore Pipeline Project	06/2009	12/2012	06/2015	2915.00	2915.00	82.62
Surat Paradip Pipeline Project	10/2012	04/2015	04/2015	10281.00	10281.00	0.00

#### 10.6.2 Hindustan Petroleum Corporation Limited (HPCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Mangalore Hassan Mysore Solur LPG Pipeline (MHMSLPL)	02/2012	11/2015	11/2016	666.00	838.05	82.23
Rewari Kanpur Pipeline Project	02/2012	11/2015	11/2015	1210.64	1446.34	93.50

#### 10.6.3 Chennai Petro Corporation Limited (CPCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Resid Upgradation Project	02/2011	11/2015	07/2016	3110.36	3110.36	47.65

#### 10.6.4 Oil & Natural Gas Corporation Limited (ONGC)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
102 MW WIND POWER PROJECT	07/2010	06/2012	09/2015	1106.00	678.02	87.55
ADDITIONAL DEVELOPMENT OF VASAI EAST FIELD	03/2014	12/2018	12/2018	2476.82	2476.82	11.46
AHMEDABAD REDEVELOPMENT PROJECT	11/2010	12/2014	12/2017	1916.10	1916.10	51.35
ANKLESWAR REDEVELOPMENT	11/2010	12/2014	12/2018	2189.63	2189.63	47.76
ASSAM RENEWAL PROJECT FOR GROUP A	03/2009	03/2013	03/2016	2465.15	2378.89	91.06
CONSTRUCTION OF 12 OFFSHORE SUPPLY VESSELS(OSV)	06/2007	09/2011	12/2015	736.65	736.65	85.16
CONSTRUCTION OF ONE MULTIPURPOSE SUPPORT VESSEL ( MSV)	01/2010	03/2013	06/2016	723.64	723.64	0.00
CONVERSION OF RIG SAGAR SAMRAT TO MOBILE OFFSHORE PRODUCTION UNIT(MOPS)	03/2011	05/2013	03/2015	861.79	761.68	84.73
DEVELOPMENT OF B-193 CLUSTER FIELDS	06/2007	08/2010	05/2015	3248.78	6100.00	96.68
DEVELOPMENT OF C-26 CLUSTER FIELDS	03/2012	05/2014	05/2016	2592.17	2592.17	35.42
DEVELOPMENT OF CLUSTER-7 FIELDS	03/2010	03/2013	05/2015	4550.40	6638.94	98.75
DEVELOPMENT OF WESTERN PERIPHERY OF MH SOUTH FIELD	04/2012	12/2014	05/2016	600.17	600.17	43.76
DEVELOPMENT OF WO-16 CLUSTER FIELDS	06/2010	01/2014	12/2015	2523.00	2523.00	65.77
HEERA AND SOUTH HEERA REDEVELOPMENT PH-II	03/2012	05/2015	05/2015	5608.40	5608.40	87.58
INTEGRATED DEVELOPMENT OF B-127 FIELDS	12/2011	03/2015	05/2016	2059.63	2665.65	28.40
INTEGRATED DEVELOPMENT OF BASSEIN FIELD	12/2012	02/2016	04/2017	3513.07	4619.94	0.00
INTEGRATED DEVELOPMENT OF VASHISTA AND S-1 FIELDS	05/2013	04/2016	04/2016	4124.35	4124.35	0.00
MEHESANA REDEVELOPMENT PROJECT	11/2010	04/2015	12/2017	3823.00	3823.00	46.80
MH NORTH REDEVELOPMENT PHASE III	06/2014	05/2017	05/2017	5706.47	5813.25	20.49
PIPELINE REPLACEMENT PROJECT-3	04/2012	05/2014	05/2015	2547.26	1417.00	98.99
RECONSTRUCTION OF BPA AND BPB PLATFORMS	03/2013	04/2015	12/2015	1138.50	686.58	78.10
REVAMP OF UNMANNED PLATFORMS PH-II IN MH AND NH ASSETS	03/2013	05/2016	04/2018	2913.10	2913.10	0.00



### 10.6.5 Indian Oil Corporation Limited (IOCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
AUGMENTATION OF PARADIP HALDIA BARAUNI PIPELINE	08/2011	08/2015	12/2015	586.00	586.00	73.20
AUGMENTATION OF PARADIP-HALDIA-DURGAPUR LPG PIPELINE AND ITS EXTENSION UPTO PATNA AND MUZAFFARPUR	01/2015	N.A.	N.A.	1823.00	1823.00	0.50
DE-BOTTLENECKING OF SMPL	12/2009	08/2015	12/2015	1584.00	1584.00	83.05
DISTILLATE YIELD IMPROVEMENT PROJECT (COKER) AT HALDIA REFINERY	03/2014	09/2017	09/2017	3076.00	3076.00	7.60
ENNORE-TRICHY-MADURAI LPG PIPELINE	05/2013	N.A.	N.A.	711.00	711.00	6.20
JAIPUR-PANIPAT NAPHTHA PIPELINE ALONG WITH AUGMENTATION OF KOYALI-SANGANER PRODUCT PIPELINE	02/2015	N.A.	N.A.	890.00	890.00	0.20
LPG TERMINAL AT KOCHI	12/2012	01/2016	07/2017	607.06	607.06	13.37
PARADIP HALDIA DURGAPUR LPG PIPELINE	02/2011	08/2015	06/2016	913.00	913.00	59.15
PARADIP HYDERABAD PIPELINE	01/2015	N.A.	N.A.	2321.00	2321.00	0.60
PARADIP LPG IMPORT FACILITY	01/2015	N.A.	07/2018	690.00	690.00	0.00
PARADIP REFINERY PROJECT	02/2009	11/2012	10/2015	29777.00	34555.00	97.90
PARADIP-RAIPUR- RANCHI PIPELINE	08/2009	09/2012	03/2016	1793.00	1793.00	82.30
POLYPROPYLENE PLANT AT PARADIP REFINERY	03/2014	09/2017	09/2017	3150.00	3150.00	7.10

### 10.6.6 Oil India Limited (OIL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
UPGRADATION OF CRUDE OIL PUMP STATIONS OF NAHARKATIYA-BARAUNI CRUDE OIL TRUNK PIPELINE	09/2012	03/2015	02/2016	871.35	1200.00	66.90

### 10.6.7 Bharat Petroleum Corporation Limited (BPCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
INTEGRATED REFINERY EXPANSION PROJECT	03/2012	05/2016	05/2016	14225.00	16504.00	0.00
REPLACEMENT OF CDU/VDU AT MUMBAI REFINERY	03/2012	12/2014	03/2015	1419.00	1419.00	95.80

## 10.7 Power

105 projects of NHPC, NTPC, NEEPCO, PGCIL, SJVNL and THDC were under implementation as on 31.3.2015 whose total original cost of implementation stood at ₹279607.51 crore. The anticipated completion

cost is ₹316945.69 crore which is 13.35% more than the original cost. The expenditure incurred on these projects till March 2015 is ₹154014.86 crore which is 55.08% of the original cost. The details of the 80 projects costing above ₹500 crore are given as under:

### 10.7.1 North Eastern Electric Power Corporation Limited (NEEPCO)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
Kameng Hydroelectric Project (Neepeco)	12/2004	12/2009	03/2017	2496.90	6476.34	60.00
Pare Hydro Electric Project	12/2008	08/2013	03/2016	573.99	1487.49	67.00

### 10.7.2 National Hydro-Electric Power Corporation (NHPC)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
KISHANGANGA HEP (3X110 MW)	01/2009	01/2016	11/2016	3642.04	5497.72	
PAKAL DUL HYDRO ELECTRIC PROJECT (1000 MW)	10/2014	04/2020	04/2020	8112.12	8112.12	0.00
PARBATI HEP (4X200 MW) (NHPC) II	09/2002	09/2009	12/2018	3919.59	7531.72	
SUBANSIRI LOWER H.E.P (8X250 MW) (NHPC)	09/2003	09/2010	N.A.	6285.33	15300.00	
TEESTA LOW DAM HEP, STAGE-IV (4X40 MW) (NHPC)	09/2005	09/2009	06/2016	1061.38	1929.15	

### 10.7.3 National Thermal Power Corporation (NTPC)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
BARH STPP STAGE -II	02/2008	10/2013	03/2015	7341.04	7341.04	0.00
BARH STPP(3X660MW) NTPC	02/2005	12/2009	03/2018	8692.97	15095.67	
BONGAIGAON THERMAL POWER PROJECT	01/2008	09/2011	03/2017	4375.35	6749.18	
DARLIPALLI STPP STAGE-I (2X800 MW)	02/2014	08/2018	08/2018	12532.44	12532.44	0.00
FGUTPP, UNCHAHAR STAGE-IV (1X500 MW)	07/2013	12/2016	12/2016	3363.12	3363.12	
GADARWARA SUPER THERMAL POWER PROJECT STAGE-I	03/2013	09/2017	09/2017	11638.55	11638.55	
KOLDAM HEP (NTPC)	10/2002	04/2009	06/2015	4527.15	7220.00	
KUDGI STPP STAGE 1	01/2012	01/2017	01/2017	15166.19	15166.19	
LARA SUPER THERMAL POWER PROJECT STAGE-I (2 X 800 MW)	12/2012	06/2017	06/2017	11846.00	11846.00	
LATA-TAPOVAN HYDRO ELECTRIC POWER PROJECT 3X57 MW	07/2012	08/2017	08/2017	1527.00	1527.00	
MOUDA STPP STAGE 2	03/2012	09/2016	09/2016	7921.47	7921.47	
NORTH KARANPURA STPP (3X660 MW)	02/2014	02/2019	02/2019	14366.58	14366.58	
RAMMAM-III HEPP (3X40 MW)	09/2014	09/2019	09/2019	1381.84	1381.84	
SOLAPUR STPP	03/2012	11/2016	08/2017	9395.18	9395.18	
TANDA TPP STAGE-II (2X660 MW)	09/2014	03/2019	03/2019	9188.98	9188.98	
TAPOVAN-VISHNUGAD HEP (4X130MW)	11/2006	03/2013	12/2018	2978.48	3846.30	
VINDHYACHAL STPP STAGE-V	05/2012	08/2015	08/2015	3180.40	3180.40	

#### 10.7.4 Power Grid Corporation India Limited (PGCIL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
COMMON SYS. ASSOCIATED WITH EAST COAST ENERGY PVT LTD AND NCC POWER PROJECTS LTD LTOA GEN PART- B	03/2013	12/2015	03/2016	2514.88	2514.88	22.00
COMMON SYSTEM ASSOCIATED WITH COASTAL ENERGEN PRIVATE LIMITED AND IND-BARATH POWER(MADRAS) LIMITED L	09/2011	09/2014	06/2016	1940.13	1940.13	91.00
COMMON SYSTEM ASSOCIATED WITH EAST COAST ENERGY PVT. LTD. AND NCC POWER PROJECTS LTD. LTOA GENERATI	06/2012	06/2015	12/2015	1909.24	1909.24	40.00
COMMON TR. SYS. ASSOCIATED WITH EAST COAST AND NCC POWER PROJECTS IN SRIKAKULAM AREA A.P. PART- C	03/2013	06/2015	12/2015	514.20	514.20	20.00
CREATION OF 400/220 KV SUBSTATIONS IN NCT OF DELHI DURING 12TH PLAN PERIOD (PART-A)	03/2015	05/2017	05/2017	1394.52	1394.52	0.00
EASTERN REGION STRENGTHENING SCHEME-III	07/2010	11/2012	12/2016	1272.80	1272.80	78.00
EASTERN REGION STRENGTHENING SCHEME-V	10/2013	04/2016	04/2016	1364.52	1364.52	11.00
EASTERN REGION STRENGTHENING SCHEME-XII	05/2014	11/2016	11/2016	522.29	522.29	
ESTABLISHMENT OF POOLING STATIONS AT CHAMPA AND RAIGARH FOR IPP GENERATION PROJECT IN CHHATTISGARH	05/2011	05/2014	03/2016	1961.87	1961.87	86.00
IMMEDIATE EVACUATION SYSTEM WITH BARH-II TPS	12/2011	08/2014	06/2015	901.77	1025.28	90.00
INSTALLATION OF STATCOMS IN WESTERN REGION	03/2015	10/2017	10/2017	1071.24	1071.24	0.00
INTER-REGIONAL SYSTEM STRENGTHENING SCHEME IN WR AND NR (PART-A)	10/2013	10/2016	03/2016	1315.90	1315.90	29.00
INTER-REGIONAL SYSTEM STRENGTHENING SCHEME IN WR AND NR (PART-B)	12/2014	04/2018	04/2018	6517.36	6517.36	1.00
KAIGA 3 AND 4 TRANSMISSION SYSTEM (PGCIL)	03/2005	12/2007	12/2015	1007.16	1007.16	95.00
KUNADANKULAM APP TRANS SYSTEM (PGCIL)	05/2005	09/2008	03/2016	1779.29	2159.07	98.00
NORTH- EAST NORTH WESTERN INTERCONNECTOR I PROJECT	02/2009	08/2013	03/2016	11130.19	11130.19	94.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME - XXXII	02/2014	06/2016	06/2016	908.08	908.08	3.00

NORTHERN REGION SYSTEM STRENGTHENING SCHEME XVI	07/2010	07/2013	12/2015	752.64	752.64	64.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME-XVIII	02/2009	11/2011	03/2016	509.66	509.66	91.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME - XXX	02/2014	06/2016	06/2016	539.82	539.82	3.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME-XXI	08/2010	04/2013	03/2016	1677.57	1677.57	74.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME-XXIV	11/2011	11/2014	12/2015	723.63	723.63	69.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME-XXV	09/2013	03/2016	03/2016	680.69	680.69	27.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME-XXVI	09/2012	03/2015	05/2015	803.34	803.34	76.00
NORTHERN REGION SYSTEM STRENGTHENING SCHEME-XXVIII	09/2012	04/2015	09/2015	524.40	524.40	34.00
NORTHERN REGION TRANSMISSION STRENGTHENING SCHEME	03/2010	11/2012	03/2016	965.58	965.58	75.00
STATIC VAR COMPENSATORS (SVCS) IN NORTHERN REGION	05/2014	08/2016	08/2016	829.98	829.98	
SUBSTATION WORKS ASSOCIATED WITH HYDERABAD (MAHESHWARAM) POOLING STATION	03/2015	03/2018	03/2018	550.06	550.06	0.00
SUB-STATION WORKS ASSOCIATED WITH SYSTEM STRENGTHENING IN SOUTHERN REGION FOR IMPORT OF POWER FROM E	11/2014	11/2017	11/2017	972.42	972.42	
SYSTEM STRENGTHENING - XVII IN SOUTHERN REGIONAL GRID	09/2012	03/2015	09/2015	1508.74	1508.74	43.00
SYSTEM STRENGTHENING IN NORTH/ WEST PART OF WR FOR IPP PROJECTS IN CHATTISGARH	12/2011	08/2014	03/2016	1746.65	2228.70	54.00
SYSTEM STRENGTHENING IN NR FOR SASAN AND MUNDRA (UMPP)	12/2009	08/2012	03/2016	1216.83	1216.83	90.00
SYSTEM STRENGTHENING-XVIII IN SOUTHERN REGION GRID	06/2012	11/2014	09/2015	1263.26	1263.26	80.00
SYSTEM STRENGTHENING IN RAIPUR- WARDHA CORRIDOR FOR IPP PROJECTS IN CHHATTISGARH	01/2012	01/2015	03/2016	1422.85	1422.85	73.00
TR SYSTEM FOR PHASE-I GENERATION PROJECTS IN JHARKHAND AND WEST BENGAL- PART-A2	12/2011	08/2014	09/2015	2422.66	2422.66	77.00

TR. SYS. FOR PHASE-I PROJ. IN JHARKHAN AND WEST BENGAL PART-B	02/2012	10/2014	03/2016	3201.44	3201.44	70.00
TR. SYSTEM ASSOCIATED WITH MUNDRA ULTRA MEGA POWER PROJECT	10/2008	10/2012	03/2016	4824.12	4824.12	94.00
TRANS. SYSTEM ASSOCIATED WITH PALLATANA GBPP and BPTS.	02/2010	12/2012	03/2016	2144.00	2144.00	98.00
TRANS.SYSTEM STRENGTHENING IN WR-NR TRANSMISSION CORRIDOR FOR IPPS IN CHHATTISGARH	06/2014	03/2018	03/2018	5151.37	5151.37	
TRANSM SYSTEM FOR DEVELOPMENT OF POOLING STN. IN NR PART OF WEST BENGAL AND TRANSFER OF POWER FROM B	04/2010	01/2015	03/2016	4404.57	4404.57	31.00
TRANSMISSION SYSTEM ASSOCIATED WITH KRISHNAPATNAM UMPP-PART B	02/2012	10/2014	09/2015	1927.16	1927.16	80.00
TRANSMISSION SYSTEM ASSOCIATED WITH MAUDA STAGE-II	09/2013	05/2016	05/2016	1575.30	1575.30	15.00
TRANSMISSION SYSTEM ASSOICATED WITH TEHRI PUMP STORAGE PLANT (PSP)	01/2015	11/2017	11/2017	871.62	871.62	
TRANSMISSION SYSTEM FOR CONNECTIVITY OF ESSAR POWER GUJARAT LIMITED	12/2011	02/2014	09/2015	552.44	552.44	91.00
TRANSMISSION SYSTEM FOR IPP GENERATION PROJECTS IN MP AND CHATTISGARH	09/2011	12/2013	06/2015	1366.34	1606.38	84.00
TRANSMISSION SYSTEM FOR PHASE-I GENERATION PROJECTS IN JHARKHAND AND WEST BENGAL-PART-A1	10/2011	11/2013	12/2015	558.26	558.26	76.00
TRANSMISSION SYSTEM FOR PHASE-I GEN PROJECT IN ORISSA - PART-A	09/2010	03/2013	12/2015	2074.86	2348.37	86.00
TRANSMISSION SYSTEM FOR PHASE-I GEN. PROJ.IN ORISSA PART-C	03/2011	03/2014	08/2015	2569.25	3105.51	90.00
TRANSMISSION SYSTEM FOR PHASE-I GENERATION PROJECTS IN ORISSA-PART B	12/2010	12/2013	09/2015	2743.19	2743.19	98.00
TRANSMISSION SYSTEM FOR TRANSFER OF POWER FROM GEN.PROJ IN SIKKIM TO NR/WR PART-B	03/2011	11/2013	12/2015	1585.12	1585.12	92.00
TRANSMISSION SYSTEM OF VINDHUACHAL -IV AND RIHAND -III GEN. PROJ.	03/2010	11/2012	07/2015	4672.99	4672.99	84.00
TRANSMISSION SYSTEM STRENGTHENING IN WESTERN PART OF WR FOR IPPS GENERATION PROJECTS IN CHATTISGARH	11/2011	07/2014	03/2016	2127.51	2127.51	97.00
WARDHA-HYDERABAD 765 KV LINK	01/2015	05/2018	05/2018	3662.02	3662.02	
WR-NR HVDC INTERCONNECTOR FOR IPP PROJECTS IN CHHATTISGARH	03/2012	06/2015	03/2016	9569.76	9569.76	46.00

### 10.7.5 Tehri Hydro Development Corporation Limited (THDC)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
TEHRI PUMPED STORAGE PLANT(1000MW)	07/2006	07/2010	05/2018	1657.00	2978.86	40.24
VISHNUGAD PIPALKOTI HYDRO ELECTRIC PROJECT	08/2008	07/2014	11/2018	2491.58	3745.08	16.55

### 10.8 Railways

There were 288 projects in the Railways sector under implementation as on 31.3.2015. The total original cost of implementation of these projects stood at ₹163518.20 crore and the anticipated completion cost at ₹289824.76 crore which is 77.24% more than

the original cost due to cost over run. The expenditure incurred on these projects till March 2015 is ₹94332.06 crore which is 57.69% of the original cost. Out of the 288 projects in the Railways sector, only 15 projects are being implemented by CPSE namely Rail Vikas Nigam Ltd. (RVNL). The details of 7 projects costing above ₹500 crore are given as under.

#### 10.8.1 Rail Vikas Nigam Ltd. (RVNL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
BHOPAL BINA 3D LINE DOUBLING	09/2007	03/2010	12/2015	687.20	800.00	
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM BARANAGAR TO BARRACKPORE AND DAKSHINESHWAR (MTP)	04/2010	03/2014	03/2016	2298.42	2069.60	21.00
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM JOKA TO BINOY BADAL DINESH BAGH.	04/2010	03/2016	03/2016	2913.51	2913.51	38.00
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM NOAPARA-BARASAI VIA BIMANBANDER (MTP)	04/2010	03/2016	06/2016	2397.72	2397.72	6.00
NEW WORK FOR CONSTRUCTION OF METRO RAILWAY FROM NSCB AIRPORT TO NEW GARIA VIA RAJARHAT (MTP)	04/2010	03/2016	03/2016	3951.98	4259.48	19.00
OBULAVARIPALLE-KRISHNAPATNAM(RVNL)	07/2006	03/2008	N.A.	743.00	1117.11	
VIJAYWADA-GUDUGOLANU-BHIMAVARAM-NARSAPUR DL (221 KM)	03/2012	N.A.	02/2017	1503.71	1503.71	

### 10.9 Telecommunication

There were 4 projects in the Telecommunication sector under implementation as on 31.3.2015. The total original cost of implementation of these projects stood at ₹15131.81 crore and the anticipated completion cost

is ₹15131.81 crore which is equal to original cost. The expenditure incurred on these projects till March' 2015 is ₹610.91 crore which is 4.04% of the original cost. The details of only project of more than ₹500 crore of Bharat Sanchar Nigam Ltd. is as under:



### 10.9.1 Bharat Sanchar Nigam Limited (BSNL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
EXECUTION OF TELECOM NETWORK REQUIREMENT OF DEFENCE FORCES	05/2006	03/2009	N.A.	1077.00	1077.00	0.00

### 10.10 Mining

There was 1 project in the Mines sector under implementation as on 31.3.2015. The total original cost of implementation of these projects stood at ₹1856 crore

and the anticipated completion cost is ₹1856 crore which is equal to original cost. The expenditure incurred on said project till March'2015 is Nil. The details of only project of more than ₹500 crore of DCL is as under:

#### 10.10.1 Hindustan Copper Limited (HCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
EXPANSION OF MALANJKHAND MINE-DEVELOPMENT OF UNDERGROUND MINE UNDER EXISTING OPEN CAST MINE OF CAPAC	09/2011	09/2017	09/2017	1856.00	1856.00	0.00

### 10.11 Urban Development

There were 30 projects in the Urban Development sector under implementation as on 31.3.2015. The total original cost of implementation of these projects stood at ₹138680.82 crore and the anticipated completion cost is

₹143894.82 crore which is 3.76% higher than the original cost. The expenditure incurred on said project till March' 2015 is ₹22529.43 which is 16.25% of the original cost. The details of only project pertaining to CPSE KMRCL for more than ₹500 crore is as under:

#### 10.11.1 Kolkata Metro Rail Corporation Limited (KMRCL)

PROJ_TITLE	Date of approval	DOC Original	DOC Anticipated	Cost Original (₹ Crs)	Cost Anticipated (₹ Crs)	Physical Progress (%)
KOCHI METRO RAIL PROJECT	07/2012	07/2017	07/2017	5181.79	5181.79	0.00

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## Chapter 11

### CPSEs UNDER-CONSTRUCTION

**11.1** There are some Central Public Sector Enterprises (CPSEs) which are in the construction stage and are yet to start regular production on a commercial scale. Many of these are subsidiary companies set up by (Holding) CPSEs.

**11.2** As on 31.03.2015, there are 63 'under construction' CPSEs, as against 56 as on 31.03.2014. Four 'under construction' CPSEs existing in 2013-14 have become operational and Four CPSEs were closed down during the year. The details of these 8 CPSEs are given in Table 11.1 below:

**Table 11.1**

S. No.	Name of the Enterprise	Reason for Exclusion as on 31.3.2015
1	DGEN Transmission Company Ltd.	Closed in 2014-15
2	MAMC Industries Ltd.	Closed in 2014-15
3	Power Equity Capital Advisors Ltd.	Closed in 2014-15
4	Power Grid Vemagiri Transmission Ltd.	Closed in 2014-15
5	Air India Engineering Services Ltd.	Became operational in 2014-15
6	HLL Biotech Ltd.	Became operational in 2014-15
7	Indian Railway Station Development Corporation Ltd.	Became operational in 2014-15
8	Railway Energy Management Company Ltd.	Became operational in 2014-15

**11.3** While the total 'Authorised Capital' of these 63 CPSEs is ₹ 28,063.81 crore, the Paid-up Capital is ₹ 15,070.43 crore, as on 31.03.2015. Brief details of these enterprises showing their status, year of incorporation, Authorised Capital and Paid-up Capital are given in the Table 11.2 below:

**Table 11.2**

(₹ in crore)

Sl. No.	CPSEs	Status	Year of Incorporation	Authorised Capital	Paid-up Capital
1	Anushakti Vidhyut Nigam Limited (AVNL).	Independent Company	2011	5.00	0.10
2	Baira Siul Sarna Transmission Ltd.	Subsidiary	2013	0.05	0.05
3	Ballabgarh-GN Transmission Co. Ltd.	Subsidiary	2013	0.05	0.05
4	Bel-Thales Systems Ltd.	Subsidiary	2014	80.00	9.60
5	Bharat Petro Resources - JPDA Limited.	Subsidiary	2006	60.00	60.00
6	Bharatiya Nabhiya Vidyut Nigam Limited.	Independent Company	2003	5000.00	4584.20
7	Bhartiya Rail Bijlee Company Limited.	Subsidiary	2007	1606.00	1584.61
8	Brahmaputra Cracker and Polymer Limited.	Subsidiary	2007	2000.00	1173.71
9	Bundelkhand Saur Urja Ltd.	Subsidiary	2014	10.00	0.05
10	Cheyur Infra Ltd.	Subsidiary	2014	0.05	0.05
11	Chhattisgarh Surguja Power Limited.	Subsidiary	2006	0.05	0.05
12	Chhattisgarh-WR Transmission Ltd.	Subsidiary	2014	0.05	0.05
13	Coastal Karnataka Power Limited.	Subsidiary	2006	0.05	0.05
14	Coastal Maharashtra Mega Power Limited.	Subsidiary	2006	0.05	0.05
15	Coastal Tamil Nadu Power Limited.	Subsidiary	2007	0.05	0.05
16	Dedicated Freight Corridor Corp. of India Ltd	Independent Company	2006	8000.00	3715.67

17	Deoghar Mega Power Limited (DMPL).	Subsidiary	2012	0.05	0.05
18	Ghogarpalli Integrated Power Company Limited.	Subsidiary	2008	0.05	0.05
19	High Speed Rail Corporation of India Limited	Subsidiary	2012	5.00	0.10
20	HLL Infratech Services Ltd	Subsidiary	2014	0.50	0.05
21	HPCL Rajasthan Refinery Ltd.	Subsidiary	2012	4000.00	0.05
22	Indian Catalyst Private Limited (Formerly Indo cat Pvt. Ltd.)	Subsidiary	2006	100	15.78
23	Ircon Pb Tollway Ltd.	Subsidiary	2014	175.00	5.00
24	Jagdishpur Paper Mills Ltd.	Subsidiary	2008	5.00	0.05
25	Jharkhand National Mineral Development Corpn.	Subsidiary	2012	1.00	0.01
26	Karnataka Vijay Nagar Steel Ltd.	Independent	2014	0.01	0.01
27	Kolkata Metro Rail Corporation Ltd.	Independent	2008	1400.00	585.50
28	Loktak Downstream Hydroelectric Corporation Ltd.	Subsidiary	2009	230.00	117.69
29	Mahanadi Basin Power Limited	Subsidiary	2011	0.05	0.05
30	MJSJ Coal India Limited	Subsidiary	2008	200.00	95.10
31	MNH Shakti Limited	Subsidiary	2008	100.00	85.10
32	Mohinder Garh-Bhiwani Transmission Ltd.	Subsidiary	2014	0.05	0.05
33	National Highways & Infrastructure Development Corporation Ltd.	Independent	2014	10.00	0.05
34	Nellore Transmission Ltd.	Subsidiary	2014	0.05	0.05
35	Neyveli Uttar Pradesh Power Limited (NUPPL).	Subsidiary	2012	500.00	93.10
36	NLC Tamil Nadu Power Limited	Subsidiary	2005	2500.00	1694.40
37	NMDC-CMDC Limited	Subsidiary	2008	75.00	70.26
38	NMDC Power Ltd.	Subsidiary	2011	1.00	0.55
39	NPCIL-NALCO Power Company Ltd.	Subsidiary	2012	1.00	0.10
40	NPCIL-Indian Oil Nuclear Energy Corporation Ltd.	Subsidiary	2011	10.00	1.00
41	Odisha Infrapower Ltd.	Subsidiary	2014	0.05	0.05
42	OIL India International Ltd.	Subsidiary	2013	500.00	100.00
43	Orissa Integrated Power Limited	Subsidiary	2006	0.05	0.05
44	Powergrid Kala Amb Transmission Ltd.	Subsidiary	2013	0.05	0.05
45	Powergrid N M Transmission Limited	Subsidiary	2011	65.00	24.00
46	Power Grid Jabalpur Transmission Ltd.	Subsidiary	2014	0.05	0.05
47	Punjab Ashok Hotel Corporation Ltd.	Subsidiary	1998	3.00	2.50
48	Punjab Logistic Infrastructure Ltd.	Subsidiary	2013	150.00	127.00
49	Railtel Enterprises Ltd.	Subsidiary	2014	50.00	10.00
50	Raipur-Rajanand Warona Transmission Ltd.	Subsidiary	2014	0.05	0.05
51	SAIL Jagadishpur Power Plant Ltd.	Subsidiary	2011	0.05	0.05
52	SAIL Sindri Projects Limited	Subsidiary	2011	0.05	0.05
53	Sakhigopal Integrated Power Company Limited	Subsidiary	2008	0.05	0.05
54	Sethusamudram Corporation Limited	Independent Company	2004	1000.00	745.00
55	SJVN Thermal Pvt. Ltd.	Subsidiary	2007	0.05	0.01
56	SIDCUL CONCOR Infra Limited	Subsidiary	2013	100.00	100.00
57	Sipat Transmission Ltd.	Subsidiary	2014	0.05	0.05
58	South -Central East Delhi Power Transmission Ltd.	Subsidiary	2005	0.05	0.05
59	Tanda Transmission Company Ltd.	Subsidiary	2013	0.05	0.05
60	Tatiya Andhra Mega Power Limited	Subsidiary	2009	0.05	0.05
61	TCIL Lakhnadone Toll Road Limited (TLTRL)	Subsidiary	2013	25.00	14.05
62	UNCHAHAAR Transmission Ltd.	Subsidiary	2012	5.00	0.05
63	Vizag Transmission Ltd.	Subsidiary	2011	90.00	54.73

**11.4** The details of each enterprise are given below:

#### **11.4.1 Anushakti Vidhyut Nigam Limited (AVNL)**

AVNL is a Public Limited Company incorporated on 27th January, 2011 as a Joint Venture company between Nuclear Power Corporation of India Ltd (NPCIL) and NTPC Ltd under the administrative control of Department of Atomic Energy with the objective for development of nuclear power, manufacture of nuclear components and trade of electricity. AVNL is having an Authorised Share Capital of ₹5 crore and Paid-up Capital of ₹0.1 crore as on 31.03.2015. The equity participation of NPCIL and NTPC in this company is in the ratio of 51:49. The registered office is located at 16th Floor, Centre 1, WTC, Cuffe Parade, Colaba, Mumbai, Maharashtra.

#### **11.4.2 Baira Siul Sarna Transmission Ltd.**

Baira Siul Sarna Transmission Ltd. was incorporated on 24.01.2013 as a wholly owned subsidiary company of REC Transmission Project Company Ltd., which itself is a wholly owned subsidiary of Rural Electrification Corporation Ltd. under the administrative control of Ministry of Power. It has an objective to plan, promote and develop an integrated and efficient power transmission system network in accordance with the policies, guidelines and objectives laid down by the Central Government from time to time. The Authorized Capital of the Company as on 31.03.2015 is ₹0.05 crore and Paid-up Capital is ₹0.05 crore. The registered office is located at Core – 4, Scope Complex, 7, Lodhi Road, New Delhi.

#### **11.4.3 Ballabgarh-GN Transmission Co. Ltd.**

Ballabgarh-GN Transmission Co. Ltd. was incorporated on 9th September, 2013 as a wholly owned subsidiary company of PFC Consulting Ltd. under the administrative control of Ministry of Power, with an objective of transmission of electricity in the state of Haryana and to undertake necessary activities for selection of the transmission service provider(s). As on 31.3.2015, the Authorized

Capital and Paid-up Capital of the company are ₹0.05 crore each. The corporate office of the company is located at New Delhi.

#### **11.4.4 Bel-Thales Systems Ltd.**

The company was incorporated on 28.08.2014 as a Joint Venture company between Bharat Electronics Ltd. (BEL) and Thales India Private Ltd. under the administrative control of Ministry of Defence with the objective to design, develop, supply and support of the select defence and civilian radars. The Authorised Capital of company as on 31.03.2015 is ₹80.00 crore and Paid-up Capital is ₹9.60 crore. Bharat Electronics Limited and Thales India Private Limited holds share in the ratio of 74:26. The registered office is located at CNP Area, BEL Industrial Estate, Jalahalli Post, Bengaluru.

#### **11.4.5 Bharat Petro Resources JPDA Ltd.**

Bharat Petro Resources JPDA Ltd was incorporated on 28th October, 2006, as a wholly owned subsidiary company of Bharat Petroleum Corporation Ltd. (BPCL) under the administrative control of Ministry of Petroleum and Natural Gas. This company was formed as a Special Purpose Vehicle (SPV) as required under the terms on which the Block JPDA 06-103- in East Timor in Joint Petroleum Development Area (JPDA) between East Timor and Australia, was awarded to the consortium led by Oilex Ltd in which BRPL was a partner, to carry out exploration activities relating to the said block. The main activity of the company is exploration of Oil and Gas in JPDA between East Timor and Australia. The Company has Participating Interest (PI) of 20% in the block JPDA 06-103. The other consortium members are Videocon Industries Ltd & GSPC holding PI of 20% each, Pan Pacific & Japan Energy holding PI of 15% each and Oilex holding PI of 10% in the said block. The registered office is located at Bharat Bhavan, 4 & 6 Currimbhoy Road, Ballard Estate, Mumbai, Maharashtra.

The Authorised Share Capital and Paid-up Share Capital of the company is ₹60.00 crore each as on 31.03.2015.

#### **11.4.6 Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)**

Bharatiya Nabhikiya Vidyut Nigam Ltd. (BHAVINI) is a wholly owned enterprise of the Government of India under the administrative control of Department of Atomic Energy. BHAVINI was incorporated on 22nd October, 2003. The company is responsible for construction, commissioning and operation of 500 MW Prototype Fast Breeder Reactor Project at Kalpakkam, Tamil Nadu as well as future Fast Breeder Reactors (FBR) for generating electrical power from Nuclear Energy in pursuance of the schemes and programmes of the Government of India under the provisions of the Atomic Energy Act, 1962. The company is currently building a 500MW Fast Breeder Reactor (FBR) at Kalpakkam, 70 KMs away from Chennai. The FBR is the forerunner of the future fast breeder power reactors and is expected to provide energy security to the country. The registered office is located at 51, Montieth Road, Egmore, Chennai, Tamil Nadu.

The Authorised Capital of the company, as on 31.3.2015, is ₹5000 crore and total Paid-up Capital is ₹4584.20 crore.

#### **11.4.7 Bhartiya Rail Bijlee Company Limited (BRBCL)**

Bhartiya Rail Bijlee Company Limited (BRBCL) has been formed as a Joint Venture Company between Ministry of Railways and NTPC Ltd under the administrative control of Ministry of Power with the objective of generating electric power and taking up necessary development, construction and erection for power projects. The company was incorporated on 22nd November, 2007 with Authorised Capital of ₹1606 crore. Total Paid-up Capital as on 31.03.2015 is ₹1584.61 crore. The equity participation of NTPC and Indian Railway in this company is in the ratio of 74:26. The registered office is located at NTPC Bhawan, Core -7, SCOPE Complex, Institutional Area, Lodhi Road, New Delhi.

#### **11.4.8 Brahmaputra Cracker and Polymer Limited (BCPL)**

Brahmaputra Cracker and Polymer Limited (BCPL), was incorporated on 8th January 2007 under the administrative control of Ministry of Chemicals and Fertilizers. It is a subsidiary of GAIL (India) Ltd. with equity participation from GAIL (70%), OIL (10%), Govt. of Assam (10%) and NRL (10%), for setting up 2,80,000 MT Gas Cracker Project at Lepetkata, District Dibrugarh, Assam. The Authorised Capital of the company as on 31.03.2015 is ₹2000 crore and Paid-Up Capital has been increased from ₹1132.87 crore to ₹1173.71 crore during the financial year 2014-15. The land required for the project has been acquired, and handed over by the Government of Assam. Necessary environmental and pollution clearances, both from the State and Ministry of Environment & Forests have also been obtained for the project. The registered office is located at Hotel Brahmaputra Ashok, M.G. Road, Guwahati and project office at Dibrugarh in Assam.

#### **11.4.9 Bundelkhand Saur Urja Ltd.**

The company was incorporated on 02.02.2015 as a Joint Venture company between NHPC Ltd. and Uttar Pradesh New and Renewable Energy Development Agency (UPNEA) under the administrative control of Ministry of Power. The company was incorporated for implementation of 50MW Grid Connected Solar Power Project and any other conventional and non conventional power projects in the state of Uttar Pradesh. The Authorised Capital of company as on 31.03.2015 is ₹10.00 crore and Paid-up Capital is ₹0.05 crore. The registered office is located at TC-43/V, Vibhuti Khand, Gomti Nagar, Lucknow.

#### **11.4.10 Cheyyur Infra Ltd.**

Cheyyur Infra Ltd. was incorporated on 21st January, 2014 and its corporate office is at New Delhi. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. The company was incorporated as a wholly owned subsidiary of Power Finance Corporation of India



Ltd. under the administrative control of Ministry of Power. The company has been incorporated for an Ultra Mega Power Project in Cheyyur. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.11 Chhattisgarh Surguja Power Limited (CSPL)**

Chhattisgarh Surguja Power Ltd. (CSPL) was established on 10th February, 2006 as a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power for the development of Ultra Mega Power Project (UMPP) in Chhattisgarh. The Authorised Capital and Paid-up Capital of the company as on 31.3.2015 are ₹0.05 crore each. On behalf of the proposed UMPP, CSPL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearance before transfer of company. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.12 ChhattisGarh-WR Transmission Ltd.**

ChhattisGarh-WR Transmission Ltd. was incorporated on 24.12.2014 a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power. The Authorised Capital of the company as on 31.03.2015 is ₹0.05 crore and Paid-up Capital is ₹0.05 crore. The company has been incorporated to develop power system network and study, investigate, collect information and data, preparation of survey report, forest clearance etc, if required for the purpose of transmission of electricity in the state of Chhattisgarh (Project) and to conduct bidding process etc for selection of the transmission service provider. The registered office is located at 1st Floor, Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi.

#### **11.4.13 Coastal Karnataka Power Limited (CKPL)**

Coastal Karnataka Power Limited is one of the various SPV companies and was incorporated on 10th February 2006 under Companies Act, 1956

as a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power. The company has been incorporated for the development of Ultra Mega Power Project in the State of Karnataka. CKPL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land, environment clearance before transfer of company. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.14 Coastal Maharashtra Mega Power Limited (CMMPL)**

Coastal Maharashtra Mega Power Ltd. (CMMPL) was incorporated on 1st March, 2006 under the Companies Act, 1956 as a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power. The company has been incorporated to facilitate the development of Ultra Mega Power Project (UMPP) in Maharashtra. The Authorised Capital and Paid-up Capital of the company as on 31.3.2015 are ₹0.05 crore each. On behalf of the proposed UMPP, CMMPL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearance. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.15 Coastal Tamil Nadu Power Limited (CTNPL)**

Coastal Tamil Nadu Power Limited (CTNPL) was incorporated on 9th January, 2007 under the Companies Act, 1956 as a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power for the development of Cheyyur Ultra Mega Power Project (UMPP) in the state of Tamil Nadu. The Authorised Capital and Paid-up Capital of the company as on 31.3.2015 are ₹0.05 crore each. On behalf of the proposed UMPP, CTNPL is to undertake preliminary studies and to obtain necessary clearances and tie



up inputs including water, land and power selling arrangements etc. for the proposed power project. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.16 Dedicated Freight Corridor Corporation of India Limited (DFCCIL)**

DFCCIL was incorporated on 30th October, 2006 with 100% shareholding held by the Government of India. DFCCIL is a Schedule-‘A’ CPSE under the administrative control of Ministry of Railways. It is a Special Purpose Vehicle created to undertake planning and development, mobilization of financial resources, construction, maintenance and operation of dedicated freight lines covering about 3338 route KMs on the Eastern and Western Corridors of Indian Railways. In the first phase, DFCCIL will be constructing two corridors - Western DFC and Eastern DFC. The Eastern Corridor, starting from Ludhiana in Punjab will pass through the states of Haryana, Uttar Pradesh, Bihar, and Jharkhand and terminate at Dankuni in West Bengal. The Western Corridor will traverse the distance from Dadri to Mumbai, passing through the states Delhi, Haryana, Rajasthan, Gujarat and Maharashtra. The registered office is located at 5th Floor Pragati Maidan Metro Station Building, New Delhi.

As on 31.03.2015, the Authorised Share Capital of the company is ₹8000 crore and the Paid-up Share Capital of the company is ₹3715.67 crore.

#### **11.4.17 Deochar Mega Power Limited (DMPL)**

Deochar Mega Power Ltd. (DMPL) is one of the various SPVs and a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power. It was incorporated on 26th April 2012 for the development of Ultra Mega Power Project in the state of Jharkhand. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. DMPL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearances. The

registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.18 Ghogarpalli Integrated Power Company Limited (GIPCL)**

Ghogarpalli Integrated Power Company Limited (GIPCL) was incorporated on 22nd May, 2008 as a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power. It was incorporated for to facilitate the development of Ultra Mega Power Project (UMPP) in the state of Orissa. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015 are ₹0.05 crore each. GIPCL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearances. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.19 High Speed Rail Corporation of India Limited (HSRC)**

High Speed Rail Corporation of India Ltd. (HSRC), a wholly owned subsidiary of Rail Vikas Nigam Ltd. (RVNL) was incorporated on 25th July, 2012 under the administrative control of Ministry of Railways. The company has its registered office at New Delhi. The main objects of the company are to cater to and carry on all business related to planning, designing, development, construction, manufacturing, assembling, fabricating, processing, installing, maintenance, operation and financing of railway infrastructure and related logistic support systems, as may be approved by the Government of India. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹5 crore and ₹0.10 crore, respectively.

#### **11.4.20 HLL Infratech Services Ltd**

HLL Infratech Services Ltd. was incorporated on 3<sup>rd</sup> April 2014 as a wholly owned subsidiary of HLL Lifecare Ltd. under the administrative control of Ministry of Health and Family Welfare with an Authorized Capital of ₹0.50 crore and Paid-up Capital of ₹0.05 Crore. It was incorporate for to

carry on the business of providing services viz. Infrastructure Development, Facilities Management, Procurement Consultancy, and allied services, foreseeing the enormous scope for business in these segments. The registered office is located at Hill Bhavan, Poojappura, Trivandrum, Kerala.

#### **11.4.21 HPCL Rajasthan Refinery Ltd.**

HPCL Rajasthan Refinery Ltd.(HRRL) was incorporated on 18th September, 2013 as a subsidiary company of Hindustan Petroleum Corporation Ltd. (HPCL) and Government of Rajasthan under the administrative control of Ministry of Petroleum and Natural Gas for setting up a 9 MMTPA capacity Greenfield refinery and a petrochemical complex in the State of Rajasthan. The equity participation of HPCL and Government of Rajasthan in this company is in the ratio of 74:26. The company has been set up with the main objective of the company is refining and production of petroleum and petrochemical products. In the year 2014-15, HPCL Rajasthan Refinery Ltd. has had an Authorised Capital of ₹4000 crore and total Paid-up Capital of ₹0.05 crore. The Registered Office of the company is Tel Bhavan, Sahkar Marg, Lal Kothi Vistar, Jyoti Nagar, Jaipur-302005.

#### **11.4.22 Indian Catalyst Private Limited (Formerly Indo Cat Pvt. Ltd.)**

Indian Catalyst Private Ltd. was incorporated on 1<sup>st</sup> June, 2006, as a wholly owned subsidiary company of Indian Oil Corporation Ltd. under the administrative control of Ministry of Petroleum and Natural Gas for Manufacturing of FCC catalyst/additives. The Registered Office of the company is P. O. Jawahar Nagar, Vadodara (Gujarat). The Authorised share capital and Paid-up Share Capital of the Company as on 31.03.2015 are ₹100.00 crore and 15.78 crore respectively.

#### **11.4.23 Ircon Pb Tollway Ltd.**

Ircon PB Tollway Ltd. was incorporated on 30<sup>th</sup> September 2014 as a wholly owned subsidiary of Ircon International Ltd. under the administrative control of Ministry of Railways with an Authorised Capital of ₹175.00 crore and Paid-Up Capital of

₹5.00 Crore. The company was incorporated for construction of national highways. The registered office is located at Plot No. C-4, District Centre, Saket, New Delhi.

#### **11.4.24 Jagdishpur Paper Mills Limited (JPML)**

Jagdishpur Paper Mills Limited was incorporated on 8th May, 2008 as a subsidiary of Hindustan Paper Corporation Ltd. (HPC) under the administrative control of Ministry of Heavy Industries and Public Enterprises with an equity holding of 99.99% of HPC. The objective of the company is to supply of paper and its registered office is at Lucknow. The Authorised Capital and Paid-up Capital of the company as on 31.3.2015 are ₹5 crore and ₹0.05 crore, respectively.

#### **11.4.25 Jharkhand National Mineral Development Corporation (JNMDC)**

Jharkhand National Mineral Development Corporation Limited was incorporated on 6th August, 2012 as a Joint Venture Company between NMDC and Jharkhand State Mineral Development Corporation Ltd. under the administrative control of Ministry of Shipping with NMDC holding of 60% equity. The main objective of the company is to exploration work and subsequently applies for mining lease and license. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹1.00 crore and ₹0.01 crore respectively. The registered office is located at JNMDC C/o JSMDCL Limited, Khanij Nigam Bhavan, Nepal house Area, Doranda, Ranchi.

#### **11.4.26 Karnataka Vijay Nagar Steel Ltd.**

The company was incorporated on 29.12.2014 as a wholly owned subsidiary of NMDC Ltd. under the administrative control of Ministry of Steel to carry on in India and elsewhere development or trade or business or manufacturing or prospecting, raising, operating, buying, selling, importing, exporting, purchasing, dealing etc in iron and steel. The Authorised Capital of Company as on 31.03.2015 is ₹0.01 crore and Paid-up Capital is ₹0.01 crore. The registered office is located at No. 57(2), Kanakapura Road, NR. Krishna Rao Circle, Basavangudi, Bangalore.

#### **11.4.27 Kolkata Metro Rail Corporation Ltd.**

Kolkata Metro Rail Corporation Ltd. (KMRCL) was incorporated on 09.07.2008 as a wholly owned enterprise of the Government of India under the administrative control of Ministry of Railways with the objective of implementation of East West Metro Corridor in Kolkata. The KMRCL Metro Project will be approximately 14.67 km long, operating on East-West Corridor of Kolkata Metro Rail Project and will connect Howrah Maidan at the East and Salt Lake Sector-V at the West. In the year 2014-15, Kolkata Metro Rail Corporation Ltd. has an Authorised Capital of ₹1400 crore and total Paid-up Capital of ₹585.50 crore. The registered office of the company is KMRCL Bhavan, Munsri Premchand Sarani, Kolkata.

#### **11.4.28 Loktak Downstream Hydroelectric Corporation Limited (LDHCL)**

Loktak Downstream Hydroelectric Corporation Ltd (LDHCL) was incorporated as a Joint Venture (JVC) company of NHPC Ltd. (74% shareholding) and Government of Manipur (26% shareholding) under the administrative control of Ministry of Power on 23rd October, 2009 with an Authorised share capital of ₹ 230 crore and Paid-up Capital of the company as on 31.03.2015 of ₹117.69 crore. The objective of the company is to plan, promote and develop hydroelectric power generation in Manipur. Its registered office is at Loktak Power Station, Komkeirap, Manipur.

#### **11.4.29 Mahanadi Basin Power Limited (MBPL)**

Mahanadi Basin Power Limited (MBPL) is a wholly owned subsidiary of Mahanadi Coalfields Limited (MCL) under the administrative control of Ministry of Coal. MBPL was incorporated as a Public Limited Company on 2nd December, 2011 having its registered office at BJB Nagar, Bhubaneswar-751017. The Authorised Capital and Paid-up Capital of MBPL as on 31.03.2015 are ₹0.05 crore each. The company invites proposal on behalf of MBPL to develop, operate and maintain the proposed power project of 2 x 800 MW Pit Head Super Critical Thermal Power Plant at District Sundargarh, Odisha.

#### **11.4.30 MJSJ Coal Limited**

MJSJ Coal Ltd. was incorporated on 13th August, 2008 as a Joint Venture (JV) company under the administrative control of Ministry of Coal between Mahanadi Coalfields Ltd. (60% share), JSW Steel Ltd. (11% share), JSW Energy Ltd. (11% share), Shyam Metalics & Energy Ltd. (9% share) and Jindal Stainless Ltd. (9% share). The company has been formed to operate Gopalprasad OCP and Utkal-AofTalcher coalfields. The normative capacity of the project has been estimated as 15.00 MTY and peak capacity is 20.00 MTY. The Authorised Share Capital is ₹200 crore whereas its Paid-up Share Capital is ₹95.10 crore during the year 2014-15. The registered office is located at Hakimpara, Anand Nagar, Angul, Orissa.

#### **11.4.31 MNH Shakti Limited**

MNH Shakti Limited is a subsidiary company of Mahanadi Coalfields Ltd. under the administrative control of Ministry of Coal. It was incorporated on 16th July, 2008 with an objective of to carry on the business of coal mine block in India and to carry out the activities of prospecting. It is a JV with 70% stake of Mahanadi Coalfields Limited (MCL), 15% stake of Neyveli Lignite Corporation Limited (NLC) and 15% stake of Hindalco Limited (HIL). The Authorised Share Capital is ₹100 crore whereas its Paid-up Capital is ₹85.10 crore during the year 2014-15. The Registered Office of the company is Anand Vihar, PO – Jagruti Vihar, Sambalpur Odisha.

#### **11.4.32 Mohinder Garh-Bhiwani Transmission Ltd.**

Mohinder Garh-Bhiwani Transmission Ltd. was incorporated on 23.12.2014 as a wholly owned subsidiary of Power Finance Corporation Ltd. under the administrative control of Ministry of Power with an Authorised Capital of ₹0.05 crore and Paid-up Capital of ₹0.05 crore. The Company has been incorporated to develop power system network and study, investigate, collect information and data, preparation of survey report, forest clearance etc, if required etc. for the purpose of transmission of



electricity in the state of Haryana (Project) and to conduct bidding process etc. for selection of the transmission service provider. The registered office is located at 1st Floor, Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi.

#### **11.4.33 National Highways & Infrastructure Development Corporation Ltd.**

National Highways & Infrastructure Development Corporation Ltd. a Central Government undertaking under the administrative control of Ministry of Road Transport and Highways was incorporated on 18.07.2014 with the objective of making road and bridges in the country with an Authorized Capital of ₹10.00 crore and Paid-up Capital of ₹0.05 crore. The registered office is located at 3rd Floor PTI Building, 4, Parliament Street, New Delhi.

#### **11.4.34 Nellore Transmission Ltd.**

The company was incorporated on 04.01.2012 as a wholly owned subsidiary company of REC Transmission Project Company Ltd. which is itself the wholly owned subsidiary to Rural Electrification Corporation Limited under the Ministry of Power with an Authorized Capital of ₹0.05 crore and Paid-up Capital of ₹0.05 crore as on 31.03.2015. The main objective of the company is to plan, promote and develop an integrated and efficient power transmission system network in accordance with the policies, guidelines and objectives laid down by the central government from time to time. The registered office is located at Core – 4, Scope Complex, 7, Lodhi Road, New Delhi.

#### **11.4.35 Neyveli Uttar Pradesh Power Limited (NUPPL)**

Neyveli Uttar Pradesh Power Ltd. was incorporated on 9th November, 2012. It is a joint venture between Neyveli Lignite Corporation (NLC) and Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd. with a share of 51% and 49% respectively, under the administrative control of Ministry of Coal with the objective of setting up of 1980 MW coal based Thermal Power Plant at Ghatampur, Uttar Pradesh at an estimated cost of about ₹14,375 crore.

The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹500 crore and 93.10 crore, respectively. The registered office is located at B-III/204, 2nd Floor, Eldeco Elegance, Gomti Nagar, Lucknow, Uttar Pradesh.

#### **11.4.36 NLC Tamil Nadu Power Limited**

NLC Tamil Nadu Power Limited (NTPL) was incorporated on 18th November, 2005. It is a joint venture company of Neyveli Lignite Corporation Ltd. (NLC Ltd.) and Tamil Nadu Generation and Distribution Corporation (TANGEDCO) with a share of 89% and 11% respectively, under the administrative control of Ministry of Coal for establishing a 2 x 500 MW power plant at Tuticorin, Tamil Nadu at an estimated cost of ₹4909.54 crore. It has its corporate office at Kilpauk, Chennai. GOI has accorded sanction for the NTPL's Tuticorin Power Project on 12.05.2008 at a capital cost of ₹ 4909.54 crore (April -2007 base) with a time schedule for Commercial Operation Declaration (COD) of Unit -1 by March -2012 and Unit -2 by August -2012. Approval for the Revised Cost Estimate (RCE) for the project was accorded by GOI on 09.12.2013 for a capital cost of ₹ 6602.74 crore (June -2013 base) with time schedule for COD of Unit -1 by February -2014 and Unit-2 by May -2014. Against the anticipated COD, the COD of Unit-1 has been attained on 18th June 2015 and with regard to Unit-2, it is expected that COD would be declared on 04.00 hrs on 28th August 2015. The Authorised Capital and Paid-up Capital of the company as on 31.03.2015, are ₹2500 crore and ₹1694.40 crore, respectively. The registered office is located at "Neyveli House", No. 135, Periyar EVR High Road, Kilpauk, Chennai

#### **11.4.37 NMDC-CMDC Limited**

NMDC-CMDC Limited was incorporated on 19th June, 2008 with its registered office at Raipur, Chhattisgarh. It is a Joint Venture Company of NMDC and Chhattisgarh Mineral Development Corporation Limited (CMDC) with equity participation in the ratio of 51:49 respectively, under the administrative control of Ministry of Steel. The object of the company is to develop Bailadila Iron Ore Deposits No. 4 & 13 at Bailadila in Dantewada District in

Chhattisgarh State. The Authorised Capital and Paid-up Capital of the company as on 31.03.2015 are ₹75.00 crore and 70.26 crore, respectively. The registered office is located at “Angela Cottage”, H.NO.3/883. Civil Lines, Raipur, Chhattisgarh.

#### **11.4.38 NMDC Power Ltd.**

NMDC Power Ltd. was incorporated as a Special Purposes Vehicle (SPV) on December, 12, 2011 and is a wholly owned subsidiary company of NMDC under the administrative control of Ministry of Steel. The Company was set up for the purpose of captive power supply to the 3-MTPA integrated steel plant being constructed at Nagamar at Chattisgarh. During the financial year 2014-15, the Authorised Capital of the company is ₹1.00 crore and Paid-up Capital is ₹0.55 crore. The registered office is located at Khanij Bhavan 10-3-311/A. Castle Hills, Masab Tank, Hyderabad.

#### **11.4.39 NPCIL-NALCO Power Company Ltd.**

NPCIL-NALCO Power Company Ltd. was incorporated on 02.03.2012 as a Joint Venture Company between NPCIL and NALCO under the administrative control of Department of Atomic Energy for development of nuclear power, protection of environment, manufacturing of nuclear components and trading of electricity. NPCIL and NALCO holds share in the ratio of 74:26. In the financial year 2014-15, NPCIL-NALCO Power Company Ltd. had a total Authorised Capital of ₹1 crore and total Paid-up Capital of ₹0.10 crore. The Registered Office of the company is 16th floor, centre 1, WTC, Cuffe Parade, Colaba, Mumbai.

#### **11.4.40 NPCIL-Indian Oil Nuclear Energy Corporation Ltd.**

NPCIL-Indian Oil Nuclear Energy Corporation Ltd. was incorporated on 06.04.2011 as a Joint Venture Company between NPCIL and IOCL under the administrative control of Department of Atomic Energy for development of nuclear power, protection of environment, manufacturing of nuclear components, and trading of electricity. NPCIL and IOCL holds share in the ratio of 74:26. In the financial year 2014-15, NPCIL-Indian Oil Nuclear Energy

Corporation Ltd. had a total Authorised Capital of ₹10 crore and total Paid-up Capital of ₹1.00 crore. The Registered Office of the company is 16th floor, centre 1, WTC, Cuffe Parade, Colaba, Mumbai.

#### **11.4.41 Odisha Infrapower Ltd.**

Odisha Infrapower Ltd. was incorporated on 23rd January, 2014 as a wholly owned subsidiary of PFC Consulting Ltd. under the administrative control of Ministry of Power and its corporate office is at New Delhi. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. The Company has been incorporated to hold Coal Blocks License, Coal Blocks Land, Power Plant Land and Land for Corridors for the construction, operation and maintenance of electricity system and integrated fuel system and to act as a nodal agency in this regard.

#### **11.4.42 OIL India International Ltd.**

OIL India International Ltd. was incorporated on 20.09.2013 as a wholly owned subsidiary of Oil India Ltd. under the administrative control of Ministry of Petroleum and Natural Gas with an objective to search for purchase, take on lease or license, obtain concessions over or otherwise acquire any estate, asset or interest in, develop the resources, work and dispose off or otherwise turn to account, land or sea or any other place in the whole of India and outside India containing, or thought likely to contain, hydrocarbons, crude oil, petroleum products, base oils or other oils in any form, asphalt, bitumen or similar substances or natural gas (including all kinds of gaseous hydrocarbons produced from gas or oil wells), chemicals, metals, minerals, coal or any substance used, or which is thought likely to be useful for any purpose for which petroleum or other oils in any form., asphalt, bitumen or similar substances, is or could be used, and to that end to organize, equip and employ expeditions, commissions, experts and other agents. In the financial year 2014-15, OIL India International Ltd. has had a total Authorised Capital of ₹500 crore and total Paid-up Capital of ₹100 crore. The Registered Office of the company is Level 2, Elegant Tower, Jasola, New Delhi.



#### **11.4.43 Orissa Integrated Power Limited (OIPL)**

Orissa Integrated Power Limited (OIPL) is one of the SPVs of Power Finance Corporation Ltd. It is a wholly owned subsidiary of Power Finance Corporation Limited under the administrative control of Ministry of Power for the development of Sundargarh UMPP in Orissa. It was incorporated on 24th August, 2006. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. OIPL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearances. The Registered Office of the company is 1st Floor, Urjanidhi Building, 1, Barakhamba Lane, New Delhi.

#### **11.4.44 Powergrid Kala Amb Transmission Ltd.**

Power Grid Kala Amb Transmission Ltd. was incorporated on 29.07.2013 as a wholly owned subsidiary of Power Grid Corporation of India Ltd. under the administrative control of Ministry of Power. The Authorised Capital of Company as on 31.03.2015 is ₹0.05 crore and Paid-up Capital is ₹0.05 crore. Powergrid Kala Amb Transmission Ltd. was acquired by Power Grid from REC Transmission Projects Company Limited on May 12, 2014 under Tariff based competitive bidding for establishing 400/220KVGIS substation at Kala Amb. The registered office is located at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi.

#### **11.4.45 Powergrid NM Transmission Limited**

Powergrid NM Transmission Limited was incorporated on 20th May, 2011 as a wholly owned subsidiary of Power Grid Corporation of India Ltd. under the administrative control of Ministry of Power to establish transmission system associated with of nagapattinam area. Its corporate office is at New Delhi. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹65.00 crore and ₹24.00 crore respectively. The registered office is located at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi.

#### **11.4.46 Power Grid Jabalpur Transmission Ltd.**

Power Grid Jabalpur Transmission Ltd. was incorporated on 14.08.2014 as a wholly owned subsidiary of Power Grid Corporation of India Ltd. under the administrative control of Ministry of Power to Develop Transmission system for system strengthening associated with Vindhyachal Transmission Project with an Authorised Capital of Company as on 31.03.2015 is ₹0.05 crore and Paid-up Capital is ₹0.05 crore. The registered office is located at B-9 Qutub Institutional Area Katwaria Sarai New Delhi.

#### **11.4.47 Punjab Ashok Hotel Company Limited**

Punjab Ashok Hotel Co. Ltd. is a Joint Venture (JV) between India Tourism Development Corporation Limited and Punjab Tourism Development Corporation Ltd. with equity participation in the ratio of 51:49 respectively, under the administrative control of Ministry of Tourism. It was incorporated on 11th November, 1998. The company had planned to construct a 50 room hotel at Anandpur Sahib, Punjab but due to cost escalation and shortage of funds, it was decided to construct only a 20-room 3 star hotel. The construction of Hotel Anandpur Ashok has been at a standstill since December, 2000 due to paucity of funds. The JVC board in its meeting held on 16th March, 2012 agreed in-principle to revive the project by exploring the possibilities to commence the Hotel as Yatri Niwas/ Budget Hotel, through public private partnership. The Authorised and Paid-up Capital as on 31.3.2015 are ₹3.00 crore and ₹2.50 crore, respectively. The registered office is located in Chandigarh. The main objectives of the company are to own, manage, construct-purchase and operate hotels, restaurants, motels etc. and to establish, manage transport unit etc. to develop tourism in Punjab.

#### **11.4.48 Punjab Logistic Infrastructure Ltd.**

Punjab Logistic Infrastructure Ltd. was incorporated on 16<sup>th</sup> December, 2013 as a joint venture company of Container Corporation of India Limited and Punjab State Container & Warehousing Corpn. Ltd. with equity participation in the ratio of

51:49 respectively, under the administrative control of Ministry of Railways. The objective of the company is to set up and operate Logistics Parks comprising of Inland Container Depots, Warehousing Container Freight Stations and facilitate provision of logistics services for Export Import and Domestic cargo for industry and agriculture. In the financial year 2014-15, Punjab Logistic Infrastructure Limited has a total Authorised Capital of ₹150.00 crore and total Paid-up Capital of ₹127.00 crore. The registered office is located at B-9, Qutub Institutional Area, Katwaria Sarai, New Delhi.

#### **11.4.49 Railtel Enterprises Ltd.**

RailTel Enterprises Ltd. has been incorporated on 12th August, 2014 as a wholly owned subsidiary of RailTel Corporation of India Ltd. a Government of India undertaking under Ministry of Railways to undertake the expanding activities in project execution works for telecom and signaling. Authorised and Paid-up Capital of company as on 31.03.2015 are ₹50.00 crore and 10.00 crore respectively. The registered office is located at 6th Floor, IIIrd Block, Delhi Technology Park, Shastri Park, New Delhi.

#### **11.4.50 Raipur-Rajanand Warona Transmission Ltd.**

The company was incorporated on 23.12.2014 as a wholly owned subsidiary of PFC Consulting Ltd. (a wholly subsidiary of Power Finance Corporation Ltd.) under the administrative control of Ministry of Power with an Authorised Capital of Company as on 31.03.2015 is ₹0.05 crore and Paid-up Capital is ₹0.05 crore. The company has been incorporated to develop power system network and study, investigate, collect information and data, preparation of survey report, forest clearance and etc, if required, for the purpose of transmission of electricity in the state of Chhattisgarh and to conduct bidding process for selection of the transmission service provider. The registered office is located at 1st Floor, Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi.

#### **11.4.51 SAIL Jagadishpur Power Plant Limited**

#### **(SJPPL)**

SAIL Jagadishpur Power Plant Limited (SJPPL) is a wholly owned subsidiary of Steel Authority of India Limited (SAIL) under the administrative control of Ministry of Steel and was incorporated in May, 2011 with its registered office at Ispat Bhawan, New Delhi. The company was created as a Special Purpose Vehicle (SPV) for installation of about 1050 MW capacity gas based combined cycle power plant at Jagdishpur in District Sultanpur of U.P. At present, the company has submitted application for allocation of 5 MMSCMD natural gas from domestic sources for the proposed power project. It has also submitted an application for allocation of 2000 cubic meter/hr cooling water to Department of Irrigation, Government of Uttar Pradesh. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. The registered office is located at Ispat Bhawan, Lodi Road, New Delhi.

#### **11.4.52 SAIL Sindri Projects Limited (SSPL)**

SAIL Sindri Projects Limited (SSPL) is a wholly owned subsidiary of Steel Authority of India Limited (SAIL) under the administrative control of Ministry of Steel, incorporated on 8th November, 2011 with its registered office at Chasnala, Jharkhand. The company has been created as a Special Purpose Vehicle (SPV) for setting up of a Fertilizer plant (1.15 MTPA Urea), Steel Plant (5.6 MTPA), Power plant of suitable size, as well as management of township and common facilities as part of the revival scheme of the Sindri unit of Fertilizer Corporation of India Limited. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each and the company is yet to start its business.

#### **11.4.53 Sakhigopal Integrated Power Company Limited (SIPCL)**

Sakhigopal Integrated Power Company Limited (SIPCL) is an SPV and a wholly owned subsidiary of Power Finance Corporation Limited under the administrative control of Ministry of

Power. It was incorporated on 21st May, 2008 for the development of UMPP in Orissa. The Authorised Capital and Paid-up Capital of the company as on 31.3.2015 are ₹0.05 crore each. SIPCL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearances. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.54 Sethusamudram Corporation Limited (SCL)**

Sethusamudram Corporation Limited (SCL) was incorporated on 6th December, 2004 as a wholly owned enterprise of the Government of India under the administrative control of Ministry of Shipping to develop and operate a navigation channel along the territorial waters of India for connecting Gulf of Mannar with Palk Bay, named as Sethusamudram Channel to connect East and Western Coast of India, helping better movement of ships within the territorial waters of India. The prestigious Sethusamudram Ship Channel project was sanctioned by Government of India on 01.06.2005. Corporation has its registered office at Indian Maritime University, Uthandi, Chennai. Consequent to the interim stay by the Honorable Supreme Court of India, all the dredging work has been suspended and the company has not commenced its commercial operations. Company is handling legal issues and exploring alternatives to achieve the vision/mission of SCL. The company has an Authorised Capital of ₹1000 crore, and total Paid-up Capital of ₹745 crore as on 31.03.2015.

#### **11.4.55 SJVN Thermal Pvt. Ltd.**

SJVN Thermal Pvt. Ltd. was incorporated as a wholly owned subsidiary of Satluj Jal Vidyut Nigam (SJVN) Limited, Shimla on 7th May, 2007 under the administrative control of Ministry of Power for developing, operating and maintaining Thermal Power Projects in a cost effective and socio-environment friendly manner. As on 31<sup>st</sup> March, 2015, the Authorised Capital of the company

is ₹0.05 crore and Paid-up Share Capital is ₹0.01 crore. The registered office is located at 69/5, Dr. T. N. Banerjee Road, Chhajju Bag, Patna, Bihar.

#### **11.4.56 SIDCUL CONCOR Infra Limited (SCIL)**

SIDCUL CONCOR Infra Company Limited was incorporated on 21st March, 2013 for development of Multi Modal Logistics Parks (MMLPs). It is a Joint Venture Company (JVC) of Container Corporation of India Ltd. (CONCOR) and State Infrastructure and Industrial Development Corporation of Uttarakhand Limited (SIIDCUL), under the administrative control of Ministry of Railways with shareholding of 74% and 26% respectively. Its registered office is at Pantnagar. The objective of the company is to do business of designing developing, setting up and maintenance of Multi Modal Logistics Parks inclusive of rail yards, container yards, etc. The Authorised Capital and Paid-up Capital of the company as on 31.3.2015 are ₹100.00 crore each. The registered office is located at Siidcul Regional Office, Sector-1, Iie Pantnagar, Rudrapur Uttarakhand.

#### **11.4.57 Sipat Transmission Ltd.**

The company was incorporated on 23.12.2014 a wholly owned subsidiary of Power Finance Corporation Ltd under the administrative control of Ministry of Power with an Authorised Capital as on 31.03.2015 of ₹0.05 crore and Paid-up Capital of ₹0.05 crore. The Company has been incorporated to develop power system network and Study, Investigate, collect information and data, preparation of survey report, forest clearance etc. The registered office is located at 1st Floor, Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi.

#### **11.4.58 South -Central East Delhi Power Transmission Ltd.**

The company was incorporated on 18.02.2015 as a wholly owned subsidiary of PFC Consulting Limited, under the administrative control of Ministry of Power and it is involved in Production, collection and distribution of electricity with an Authorised Capital of Company as on 31.03.2015 is

₹0.05 crore and Paid-up Capital is ₹0.05 crore. The registered office is located at 1st Floor, Urjanidhi, 1, Barakhamba Lane, Connaught Place, New Delhi.

#### **11.4.59 Tanda Transmission Company Ltd.**

Tanda Transmission Company Ltd. was incorporated on 09.09.2013 as a wholly owned subsidiary of PFC Consulting Limited, under the administrative control of Ministry of Power. The Company has been incorporated to develop power system network and study, investigate, collect information and data, preparation of survey report, forest clearance, if required etc. for the purpose of transmission of electricity in the state of Uttar Pradesh Project and to conduct bidding process etc for selection of the transmission service provider.

In the financial year 2014-15, Tanda Transmission Company Ltd. has had a total Authorised Capital of ₹0.05 crore and Paid-up Capital of ₹0.05 crore. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.60 Tatiya Andhra Mega Power Limited (TAMPL)**

Tatiya Andhra Mega Power Limited (TAMPL) is one of the SPVs and a wholly owned subsidiary of Power Finance Corporation Limited under the administrative control of Ministry of Power. It was incorporated on 17th April, 2009 for the development of UMPP in Andhra Pradesh. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹0.05 crore each. TAMPL has been established to undertake preliminary studies and to facilitate tie-ups of inputs, linkages and clearances for the projects such as water, land and environment clearances. The registered office is located at First Floor, Urjanidhi Building, 1 Barakhamba Lane, New Delhi.

#### **11.4.61 TCIL Lakhnadone Toll Road Limited (TLTRL)**

TCIL Lakhnadone Toll Road Ltd. is a SPVs and a wholly owned subsidiary of Telecommunications Consultants India Limited

(TCIL) under the administrative control of Ministry of Communications and Information Technology. It was incorporated on 21st August, 2013 with its registered office at New Delhi. Main activities of this company are to design, built, finance, operate and transfer (DBFOT), the Lakhnadon-Ghansore Toll Road Project. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹25 and ₹14.05 crore, respectively.

#### **11.4.62 Unchahar Transmission Ltd.**

Unchahar Transmission Ltd. was incorporated on 17th December, 2012 with its corporate office at New Delhi. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹5.00 crore and ₹0.05 crore respectively. The company was acquired / taken over by Powergrid Corporation of India Ltd on 24th March, 2014 as a wholly owned subsidiary under the administrative control of Ministry of Power. The company has been incorporated under Tariff based competitive bidding for establishing Transmission System for ATS of Unchahar TPS.

#### **11.4.63 Vizag Transmission Ltd.**

Vizag Transmission Ltd. was incorporated on 30th November, 2011 and its corporate office is located at New Delhi. The Authorised Capital and Paid-up Capital of the company, as on 31.3.2015, are ₹90.00 crore and ₹54.73 crore respectively. The company was acquired / taken over by Powergrid Corporation of India Ltd. on 30th August, 2013 as a wholly owned subsidiary under the administrative control of Ministry of Power. The company has been incorporated under Tariff based competitive bidding for established Transmission System for 'System Strengthening' in Southern Region for import of power from Eastern Region.



## Chapter-12

### Revival and Restructuring of Sick / loss making CPSEs

#### Introduction:

As the Central Public Sector Enterprises (CPSEs) operate under dynamic market conditions, it is quite natural to see ups-and-downs in their performance. Some CPSEs have, however, been incurring losses continuously for the last several years. The accumulated loss in many of these cases has exceeded their net worth.

#### 1.1 Reasons for Losses and Sickness in CPSEs

12.1.1 The reasons for losses/ sickness in CPSEs vary from enterprises to enterprise. However, some common problems for sickness in CPSEs include old and obsolete plant and machinery, outdated technology, low capacity utilization, low productivity, poor debt-equity structure, excess manpower, weak marketing strategies, stiff competition, lack of business plans, dependence on Govt. orders, heavy interest burden, high input cost, resource crunch, etc. With liberalization and opening up of the economy, many CPSEs that did not evolve fast lost ground to private companies. Attempts have, therefore, been made to overcome “sickness” in these CPSEs through various measures.

12.1.2 Multiple mechanisms for restructuring / revival of sick/loss making CPSEs existed. Sick Industrial Companies as defined in Sick Industrial Companies Act 1985 are referred to Board for Industrial Financial Reconstruction (BIFR), which suggest a restructuring plan and seek sacrifices & commitments from promoters and stake holders. Board for Reconstruction of Public Sector Enterprises (BRPSE), which was created in 2004 to advise the Government for the restructuring or revival plan of referred CPSEs, has been wound up in November, 2015.

#### 12.2 Streamlining the mechanism of revival/ restructuring of Central Public Sector Enterprises (CPSEs)

12.2.1 Government has taken steps to make the mechanism and process for revival/restructuring of CPSE time bound, comprehensive, performance driven and efficient. The Government has decided removing the multiple layers in decision making process to ensure timely revival/restructuring of sick CPSEs. It has been

decided that revival/restructuring of sick/incipient sick CPSE is to be merit based taking into account strategic, national and business concerns of the CPSE. Accordingly, Government has now decided to wind up of BRPSE and the concerned administrative Ministries/ Departments will be responsible to monitor sickness of CPSEs functioning under them and take timely redressal measures with the approval of the competent authority.

#### 12.3 Winding up of BRPSE:

12.3.1 In accordance with the decision of the Government (Cabinet on 7.10.2015), the BRPSE set up in Department of Public Enterprises (DPE) vide Resolution dated 6.12.2004 was wound up vide notification No.16(25)/2004-Fin. dated 9<sup>th</sup> November, 2015 to streamline the multiple mechanism for revival of sick CPSEs.

12.3.2 The Companies Act, 2013 Chapter XIX refers to Revival and Rehabilitation of Sick Companies and Chapter XX to Winding up of the Companies. The decision whether a company has become a sick company would be taken by the Tribunal (National Company Law Tribunal). The Administrative Ministries/ Departments have to keep a track of the debts of CPSEs and take advance action to avoid a situation where the CPSEs may be considered fit to be declared sick entity as per provisions of the Companies Act, 2013. The concerned administrative Ministries / Departments are now responsible to monitor sickness of CPSEs functioning under them and take timely redressal measures with the approval of the competent authority.

#### 12.4 Guidelines for “Streamlining the mechanism for revival and restructuring of sick/ incipient sick and weak Central Public Sector Enterprises: General principles and mechanism of restructuring:

12.4.1 The Government has further approved on 7.10.2015 that Department of Public Enterprises will issue guidelines for streamlining the mechanism for revival and restructuring of sick/ incipient sick and weak CPSEs and to make any change therein that may be required in future. Accordingly, DPE has issued on 29.10.2015 guidelines for “Streamlining the mechanism for revival and restructuring of sick/ incipient sick and weak Central Public Sector Enterprises: General principles



and mechanism of restructuring" to be followed by the administrative Ministries /Departments in preparation of proposals for revival/restructuring or closure of CPSEs under their administrative control. The guidelines are given in **Annex-12.1**.

12.4.2 These guidelines are laid down for streamlining the mechanism for restructuring / revival or closure of sick or incipient sick CPSEs and weak CPSEs and replace the multiple options available for the same purpose. These guidelines, inter alia, laid down parameters to identify sick, incipient sick CPSE and weak CPSE by the concerned administrative Ministry/Department of CPSEs. The administrative ministry may prepare a revival or restructuring plan for a CPSE which may involve comprehensive restructuring, disinvestment, closure etc. of the sick and incipient sick CPSE and take it directly to the competent authority for appropriate decision. The concerned administrative Ministries/ Departments to take steps/initiate process in a specified timeframe so that such decisions are taken and implemented in a time bound manner.

12.4.3 The administrative ministry, at the end of the each financial year, will analyse the performance of its CPSEs and classify them into the categories namely sick, incipient sick and weak CPSEs, within 6 months of the closure of the financial year or within one month from finalisation of Annual Accounts, whichever is earlier.

## **12.5 Definition of sick, incipient sick and weak CPSEs:**

### **(i) Sick CPSEs:**

As per the guidelines, a CPSE is considered sick, if it meets one of the following criteria:

- a. If it is declared sick as per the provisions of the Companies Act, 2013.
- b. If it's net worth is negative.

### **(ii) Incipient sick CPSEs:**

As per the guidelines, a CPSE is considered incipient sick, if it meets one of the following criteria:

- a. If its net worth is less than 50% of its paid-up capital in any financial year.
- b. If it had incurred losses consecutively for three years.

### **(iii) Weak CPSEs:**

As per the guidelines, a CPSE is considered weak or sub-optimally performing, if it meets one of the following criteria:

- a. If its turnover or its operational profit has declined by more than an average of 10% in the last 3 years.
- b. If its profit before tax is less than income from the other sources.
- c. If its trade receivable and inventories are more than 50% of net worth of the CPSE.
- d. If the claims against the company, not acknowledged as debts, are more than its net worth.
- e. Any other criteria as may be prescribed to quantify early signs of weakness in the performance of the CPSEs by the government.

In all the reference to net worth, it would have the same meaning as defined under Section 2 (57) of the Companies Act, 2013.

**12.6** As per the guidelines, the administrative Ministry/Department classify CPSEs functioning under their control into sick, incipient sick and weak CPSEs within 6 months of the closure of the financial year or within one month from finalization of Annual Accounts, whichever is earlier. The concerned administrative Ministry/ Department formulate revival/ restructuring/ closure road map for sick CPSEs as per the principles outlined in the guidelines. This would be done within three months from the issue of these guidelines in case of existing sick CPSEs and within nine months from the end of the financial year for a CPSE becoming sick subsequently.

The administrative ministry will take the following action:

- (a) The administrative ministry will put weak CPSEs under "observation and intensive review" to arrest the early signs of weakness in such CPSEs. It may include nomination of independent expert members on the board, quarterly intensive review or special reviews for taking corrective business, operational and financial measures at the board level, fixing the responsibility for declining performance or non-performance or any other corrective step as may be appropriate and necessary by the administrative

ministry or department.

- (b) The administrative ministry will initiate the process for preparation of restructuring/ revival plan, which may include disinvestment or privatisation or closure options, for sick/ incipient sick CPSEs based on the classification as given above within 6 months from the closure of the financial year or within one month from finalisation of Annual Accounts, whichever is earlier.
- (c) Restructuring and revival plan for the sick and incipient sick CPSEs shall be prepared within nine months of the closure of the financial year.
- (d) External expert agency which has experience and expertise of the business environment, operational issues, technology option and financial viability of the sector in which such CPSE is functioning may be engaged by the government and shall function under the supervision of the administrative ministry for preparation of the future road map.

**12.7** As per the decision of the Committee of Secretaries (CoS), the concerned Administrative Ministries/ Departments are required to formulate proposal for revival/ closure of sick CPSEs under their administrative control in line with the decision of the CoS and bring it for the consideration of the competent authority.

### **12.8 Sick Industrial Companies (Special Provisions) Act, 1985 (SICA)**

The Sick Industrial Companies (Special Provision) Act, 1985 (SICA) brought the CPSEs under its purview in 1991 (made effective from 1992). Under the provisions of SICA, the CPSEs (with at least five years of registration) whose accumulated losses are equal to or have exceeded their net worth may be referred to the BIFR. Reference to BIFR grants immunity from legal sanctions to the company arising from proceedings from execution of decree against property, suit for recovery of money and suit for enforcement of guarantor in respect of loans etc. The BIFR, on examination, may either sanction suitable revival / rehabilitation schemes (in case of enterprises which are viable) or recommend closure (in respect of enterprises considered unviable). During the period of the last twenty three years i.e. between 1992 to 2015, 63 CPSEs have been referred to BIFR (Table 12.1). There were no references made to BIFR between 2008 to 2015. Year-wise registration of CPSEs with BIFR is given below:

**Table 12.1**  
**Registration of CPSEs with BIFR**

Year	No. of CPSEs	Year	No. of CPSEs
1992	30*	2004	4*
1993	2*	2005	2
1994	4*	2006	1
1995	1	2007	1
1996	2	2008	0
1997	3	2009	0
1998	3	2010	0
1999	3	2011	0
2000	3	2012	0
2001	2	2013	0
2002	3	2014	0
2003	2	2015	0
		Total	63 #

*Note: \*This includes the subsidiaries of NTC, which have been merged into one company and registered again in 2008 after merger.*

# Since Mandya National Paper Mills Limited has been wound up, Jessop & Co. Ltd. has been privatized, U.P. Drugs and Pharmaceuticals Limited has been transferred to the U.P. Government, all the nine subsidiaries of NTC (Holding) Ltd. merged with NTC (Holding) Co., Indian Iron and Steel Co. Limited, Bharat Refractories Limited (BRL) and Maharashtra Elektros melt Limited have merged with SAIL, and Praga Tools Ltd. merged with HMT Ltd, these CPSEs have not been included in the list of BIFR referred CPSEs.

**12.9** Although a total number of 63 CPSEs have been referred to BIFR, there are only 39 CPSEs that are in operation. During 2014-15, 5 CPSEs have been closed which are not included in the list of operated CPSEs. Out of the remaining 19 CPSEs, 18 CPSEs are closed and one has ceased to be a CPSE. (Their cases however, continue to be listed in BIFR). The status of 39 operating CPSEs in BIFR as on 31.3.2015 is as follows:

- Four CPSEs namely Vignyan Industries Limited, North Eastern Regional Agricultural Marketing Corporation Limited, Bharat Coking Coal Ltd., Braithwaite & Co. Ltd. have since been declared 'No Longer Sick'.

- Five CPSEs namely Bharat Immunological and Biologicals Corporation Limited, Hindustan Salts Limited, Projects and Development India Ltd., Hindustan Insecticides Limited and Hindustan Organic Chemicals Limited have been dropped by the Board from the list of 'sick industrial CPSEs' on their net worth becoming positive.
- Cases of four CPSEs have been declared as 'non-maintainable' by the Board, as either the matter had become time barred for reference to the Board or on account of the net worth of the CPSE becoming positive or the CPSE was found not fulfilling the conditions of being industrial company as defined under SICA or on some other grounds. Moreover, two of these companies, namely, Manipur State Drugs and Pharmaceuticals Limited and Biecco Lawrie & Co. Ltd. have been closed.
- Table 12.2 below shows the status of the 63 sick industrial CPSEs, registered with BIFR.

**Table 12.2**  
**Status of CPSEs registered with BIFR**  
**(As on 31.03.2015)**

Sl. No.	Particulars	Number
1.	Revival Scheme sanctioned by BIFR	13
2.	Revival Scheme sanctioned by AAIFR	1
3.	Declared no longer sick	4
4.	Dropped on net worth becoming positive	6
5.	Dismissed as non-maintainable	3
6.	Deregistered with BIFR / Others	2
7.	Winding up recommended and closed	14
8.	Winding up recommended	4
9.	Draft Rehabilitation Scheme (DRS) awaited	10
10.	Remanded by AAIFR	1
11.	Closed CPSEs during 2014-15	5
	Total	63

BIFR has already disposed of 42 cases of CPSEs either through sanctioning revival schemes (13 cases) or declaring 'no longer sick' (4 cases) or dropping due to net worth becoming positive (6 cases) or dismissing the cases as non-maintainable (3 cases) or de-registered with BIFR / Others (2 cases) or recommending winding up (14 cases) (Annex-12.2).

**12.10** The details of losses of sick and loss making operating CPSEs is given in Table 12.3 below:

**Table 12.3**  
**Sick & Loss making operating CPSEs**  
**(2005-06 to 2014-15)**

Year	No. of operating sick CPSEs Registered with BIFR	Accumulated losses of sick CPSEs Registered with BIFR (₹ in crore)	No. of Loss making CPSEs, during the year	Aggregate Loss, during the year (₹ in crore)
(1)	(2)	(3)	(5)	(6)
2005-06	81	83554	63	6845
2006-07	74	89064	61	8526
2007-08	46	72820	54	10303
2008-09	46	68577	55	14621
2009-10	46	62828	60	16231
2010-11	45	65146	62	21817
2011-12	45	65642	64	27683
2012-13	45	70918	79	28562
2013-14	44	55507	70	21341
2014-15	39*	56060	77	27360

\*Out of 39 CPSEs registered with BIFR, 5 CPSEs, namely Andrew Yule & Company Ltd., Hindustan Insecticides Ltd. Projects & Development India Ltd., Scooters India Ltd. and Vignyan Industries Ltd. do not have accumulated losses as on 31.03.2015.

## Guidelines for “Streamlining the mechanism for revival and restructuring of sick/ incipient sick and weak Central Public Sector Enterprises: General principles and mechanism of restructuring”

These guidelines are laid down for streamlining the mechanism for restructuring / revival or closure of sick or incipient sick CPSEs and replace the multiple process options available for the same purpose.

2. Multiple mechanisms for restructuring / revival of sick and incipient sick CPSEs exist. Sick industrial companies as defined in Sick Industrial Companies Act 1985 are referred to Board for Industrial Financial Reconstruction (BIFR), which suggest a restructuring plan and seek sacrifices & commitments from promoters and stake holders. Board for Reconstruction of Public Sector Enterprises (BRPSE) has been created to advise the government through the resolution No.16(25)2004-Fin. dated 6<sup>th</sup> December, 2004 to consider the restructuring or revival plan of CPSEs prepared by a CPSE itself under the guidance of its administrative ministry. The administrative ministry may, in the public interest, prepare a revival or restructuring plan for a CPSE which may involve comprehensive restructuring, disinvestment, closure etc of the sick and incipient sick CPSE and take it directly to the competent authority for appropriate decision.

3. Primary responsibility for supervision of a CPSE for its efficient functioning lies in the administrative ministry and final view for restructuring and revival of sick and incipient sick CPSEs or taking appropriate measures for CPSEs showing early indications of weakness has to be taken by them with approval of the competent authority after inter - ministerial consultation and concurrence of the Ministry of Finance through PIB/ EFC mechanism as may be required. It is in the public interest to make this process, time bound, comprehensive, performance driven and efficient so that such decisions are taken and implemented in a time bound manner to minimise further losses. Hence there is a need to lay down broad principles and guidelines to be followed in such cases.

### 4. Guidelines:

4.1 The Companies Act, 2013 Chapter XIX refers to Revival and Rehabilitation of Sick Companies and Chapter XX to Winding up of the Companies. The decision whether a company has become a sick company would be taken by the Tribunal (National Company Law

Tribunal). The Administrative Ministries/ Departments have to keep a track of the debts of CPSEs and take advance action to avoid a situation where the CPSEs may be considered fit to be declared sick entity as per provisions of the Companies Act, 2013.

4.2 The administrative ministry shall, at the end of the each financial year, analyse the performance of its CPSEs to classify them by a specific order in the following categories within 6 months of the closure of the financial year or within one month from finalisation of Annual Accounts, whichever is earlier.

4.2.1 **Sick CPSEs:** A CPSE shall be considered sick if it meets one of the following criteria:

- a. If it is declared sick as per the provisions of the Companies Act, 2013.
- b. If its net worth is negative.

4.2.2 **Incipient sick CPSEs:** A CPSE would be considered incipient sick if it meets one of the following criteria:

- a. If its net worth is less than 50% of its paid-up capital in any financial year.
- b. If it had incurred losses consecutively for three years.

4.2.3 **Weak CPSEs:** A CPSE would be considered weak or sub optimally performing if it meets one of the following criteria:

- a. If its turnover or its operational profit has declined by more than an average of 10% in the last 3 years.
- b. If its profit before tax is less than income from the other sources.
- c. If its trade receivable and inventories are more than 50% of net worth of the CPSE.
- d. If the claims against the company, not acknowledged as debts, are more than its net worth.
- e. Any other criteria as may be prescribed to quantify early signs of weakness in the performance of the CPSEs



by the government.

4.3 In all the reference to Net worth, it would have the same meaning as defined under Section 2 (57) of the Companies Act, 2013.

4.4 The administrative ministry will take the following action:

- (a) The administrative ministry will put weak CPSEs under “observation and intensive review” to arrest the early signs of weakness in such CPSEs. It may include nomination of independent expert members on the board, quarterly intensive review or special reviews for taking corrective business, operational and financial measures at the board level, fixing the responsibility for declining performance or non-performance or any other corrective step as may be appropriate and necessary by the administrative ministry or department.
- (b) The administrative ministry shall initiate the process for preparation of restructuring/ revival plan, which may include disinvestment or privatisation or closure options, for sick/ incipient sick CPSEs based on the classification as given above within 6 months from the closure of the financial year or within one month from finalisation of Annual Accounts, whichever is earlier.
- (c) Restructuring and revival plan for the sick and incipient sick CPSEs shall be prepared within nine months of the closure of the financial year.
- (d) External expert agency which has experience and expertise of the business environment, operational issues, technology option and financial viability of the sector in which such CPSE is functioning may be engaged by the government and shall function under the supervision of the administrative ministry for preparation of the future road map.

4.5 Restructuring and revival plan with the help of the agency and other experts, as may be required, shall be prepared by the administrative ministry/ department and shall specifically include:

#### 4.5.1 Perspective of Relevance and Functioning:

- a) Background and purpose of the formation of the CPSE.
- b) Economic and regulatory environment along with their impact on the growth of the company

- c) Liberalisation and its impact on its business operation
- d) Ability of the CPSE in adapting new business strategies, technology to regain and sustain its economic viability.
- e) Efforts and special interventions made for its revival or avert early sickness and its impact on the health of the CPSE.

#### 4.5.2 Strategic Plan for Restructuring/Revival:

- (a) The concerned administrative ministry/ department should clearly bring out the national and strategic interest served by the CPSEs in the light of the sectoral business environment, domestic as well as global.
- (b) Prevailing market need to be analysed for supply of goods or services through other providers in the private sector, domestic or from other countries, to bring out if there is a specific role of the CPSE in this segment to serve the national strategic or defence interests.
- (c) Keeping the business environment other relevant facts in mind, a CPSE may be categorised as **a high priority or priority CPSE** to meet the strategic interest of the country. For this purpose, a report of the 14<sup>th</sup> Finance Commission may also be referred to.
- (d) All other sick CPSEs which are not required to serve the strategic national/ defence interests should be categorised as **non-priority CPSEs**.

#### 4.5.3 Business Plan for Restructuring/ Revival Plan:

##### A. High Priority or Priority CPSE.

- a) For high priority CPSEs, the business plan has to be made keeping in mind the strategic national interest and economically viable business opportunities.
- b) For strategic business model, requirement for Government policy convergence should be clearly spelt out to meet the economic viability of such enterprises. Also, viability gap funding, if required for such strategic operations have to be brought out.
- c) For high priority sector, the business plan may be drawn seeking specific financial and non-financial



support from the Government. It may include strategic disinvestments or joint ventures etc.

## **B. Non-priority CPSE.**

- a) For CPSEs in the non-priority category, the business plan is to be made on business and economic viability model to attain self-sufficiency in short or medium term.
- b) Business plan should be based on performance efficiency bench marks, viable scale of economic operation and road map for technology adoption/upgradation to support business strategy for viability and sustainability over period of time.
- c) Business reorganisation through merger, demerger or closure of various business activities.
- d) It should support desirable market share to be sustainable in the medium and long term.
- e) All the presumptions underlying the business plan with respect to their business environment, economic viability and mechanism of funding should be market validated and credibly established.

### **4.5.4 Operational Restructuring:**

- a) Keeping in mind the business plan, the required human resource needs are to be assessed and rationalised.
- b) It may be seen whether sectoral efficiency benchmarks as are existing globally/ domestically can be achieved by the CPSE in short or medium term through implementation of this plan in shortest period of time.
- c) Options for adopting requisite technology and up-gradation of the same as per requirement through various management options including JV, disinvestment or privatisation to be factored into the operational restructuring plan.
- d) The options of merger or de-merger of various operations in line with the proposed business plan to ensure continuous procurement of new technology and its up-gradation.

### **4.5.5 Financial Restructuring Plan:**

- a) For high priority and priority CPSEs, a comprehensive financial restructuring plan should be drawn comprising various methods of financing

with minimum and unavoidable viability gap funding in the strategic national/defence interest. Limited private investment through disinvestment within permissible limits may also be considered under financial plan.

- b) In case of other (non-priority) CPSEs financing plan should be based on economic viability of operations. Various options of leveraging private and/or institutional funding may be explored.
- c) Details of projected profitability/cash flow for the next five years. These presumptions should be pragmatic and market validated.

## **4.6 Mechanism and Methodology to be followed for restructuring/ revival/closing of sick CPSEs**

- (a) The concerned administrative ministry/ department would classify the CPSE as sick CPSE, incipient sick or with early indications of weakness as per para 4.2 above. The concerned Administrative Ministry/ Department will also inform DPE about the status of CPSE accordingly.
- (b) The concerned administrative ministry/ department will be responsible for formulating revival/ restructuring/ closure road map for sick CPSEs as per the principles outlined above. This would be done within three months from the issue of these guidelines in case of existing sick CPSEs and within nine months from the end of the financial year for a CPSE becoming sick subsequently.
- (c) Administrative Ministry/ Department may engage credible expert organisation for drawing of business, operational and financial restructuring plans. Such expert entity, if appointed, should function under the direct control of administrative ministry/ department so as to draw a professionally credible, implementable and realistic restructuring plan. Suitable mechanism for market validation should be incorporated during the Request for Proposal (RFP) stage of engagement of expert(s)/ expert organisation(s) and the market validation should be cross checked and confirmed by the administrative ministry/department as well.
- (d) Implementation plan with specified time line for various stages should be objective, quantifiable and supported with the monitoring mechanism.

## Details of the CPSEs Registered with BIFR (on 31.03.2015)

S. No.	Case No. and year of reference	CPSEs	Date of Orders
(1)	(2)	(3)	(4)
<b>I.</b>	<b>Declared 'No Longer Sick'</b>		
1.	512/1992	Vignyan Industries Ltd., Tarkere (Karnataka)	27.5.2003
2.	503/1997	North Eastern Regional Agri. Marktg. Corpn., Guwahati (Assam)	20.8.2001
3.	504/1995 / 502/2001	Bharat Coking Coal Ltd., Dhanbad (Jharkhand)	11.2.2004 / 18.05.2009 / 28.10.2009 / 3.1.2013
4.	528/1992	Braithwait & Co. Ltd., Kolkata (West Bengal) @	17.10.1995 / 29.6.2006 / 21.07.2006
5.	531/1992	National Instruments Ltd., Kolkata (West Bengal) %	1.10.2002 / 13.5.2008 / 04.08.2008
<b>II.</b>	<b>Dropped (Positive Networth)</b>		
6.	502/1997 / 503/1998	Bharat Immunological & Biologicals Corporation Limited, Buland Sahar (Uttar Pradesh)	1.8.2002
7.	502/2000	Hindustan Salts Limited, Jaipur (Rajasthan)	22.8.2005 / 15.12.2008
8.	521/1992	Projects and Development India Ltd., Dhanbad (Jharkhand)	26.3.2004 / 19.4.2006
9.	501/2004	Hindustan Insecticides Ltd., New Delhi (Delhi)	18.9.2007
10.	501/2005	Hindustan Organic Chemicals Limited, Rasayani, Raigad (Maharashtra)	21.11.2005 / 28.05.2008
11.	515/1992	Fertilizers Corpn. of India Ltd., New Delhi (Delhi)	2.4.2004 / 12.11.2010
<b>III.</b>	<b>Dismissed as 'Non-maintainable'</b>		
12.	502/1992 / 601/1998	Nagaland Pulp & Paper Co. Ltd., Mokochung, (Nagaland)	13.11.1995 / 25.5.2007
13.	504/1997	Manipur State Drugs & Pharmaceuticals Ltd., Imphal (Manipur) \$\$	17.11.1997
14.	502/2002	Central Coalfields Ltd., Ranchi (Jharkhand)	29.11.2002
<b>IV.</b>	<b>Revival Scheme sanctioned</b>		
15.	518/1992	The British India Corpn. Ltd., Kanpur, (Uttar Pradesh) @	17.12.2002 / 29.11.2007
16.	506/1993	National Jute Manufactures Corporation Ltd. Kolkata (West Bengal)	8.7.2004 / 24.11.2008 / 05.03.2009 / 31.3.2011
17.	509/1993	Instrumentation Ltd., Kota (Rajasthan)	23.12.1998 / 24.05.2006 / 01.10.2009
18.	507/1994	Hindustan Fluorocarbons Ltd., Hyderabad (Andhra Pradesh) @	24.7.2003
19.	501/1996	Cement Corporation of India Ltd., New Delhi (Delhi)	05.12.2005 / 21.3.2006 / 17.06.2008
20.	501/1997	Hindustan Antibiotics Limited, Pune (Maharashtra)	5.6.2007 / 14.10.2008
21.	501/1998 / 501/2000	Eastern Coalfields Limited, Burdwan (West Bengal) @	01.06.1998 / 2.11.2004 / 12.6.2007
22.	501/2003	Andrew Yule and Company Ltd., Kolkata (West Bengal) @	20.8.2007 / 30.10.2007
23.	501/2006	HMT Machine Tools Limited, Bangalore (Karnataka)	2.11.2006 / 12.6.2008 / 25.07.2012
24.	501/1999	Birds Jute and Exports Ltd., Kolkata (West Bengal) @	24.6.2004 / 07.08.2008 / 2.8.2012
25.	504/2004	ITI Limited, Bangalore (Karnataka)	3.10.2005 / 27.11.2008 / 23.02.2009 / 30.12.2009 / 27.11.2012
26.	502/1998	NEPA Ltd., Nepanagar (Madhya Pradesh)	29.5.2007 / 15.05.2008 / 26.02.2009 / 11.09.2009 / 21.6.2010
27.	533/1992	Bengal Chemicals & Pharmaceuticals Ltd., Kolkata (West Bengal) @	31.3.1995 / 03.02.2009
<b>V.</b>	<b>Winding up Recommended</b>		
28.	511/1992	Heavy Engineering Corpn. Ltd., Ranchi (Jharkhand)	6.7.2004

29.	514/1992	Orissa Drugs & Chemicals Ltd., Bhubaneswar (Orissa)	8.4.2003
30.	503/1995	Hindustan Photofilms Mfg. Co. Ltd., Ootacamund (Tamilnadu)	30.1.2003
31.	502/1996	Maharashtra Antibiotics & Pharma. Ltd., Nagpur (Maharashtra) \$\$	4.7.2000 / 16.12.2008 / 17.06.2010
<b>VI.</b>	<b>CPSEs recommended for winding up and have been 'closed' \$\$</b>		
32.	505/1992	Bharat Gold Mines Ltd., Kolar Gold Fields (Karnataka)	12.6.2000
33.	506/1992	Tannery and Footwear Corporation of India Ltd., Kanpur (Uttar Pradesh)	14.2.1995
34.	508/1992	Cycle Corporation of India Limited, Kolkata (West Bengal) @	10.7.2000
35.	510/1992	Mining and Allied Machinery Corporation Ltd. , Durgapur (West Bengal)	29.6.2001
36.	513/1992	National Bicycle Corporation of India Ltd., Mumbai (Maharashtra) @	20.12.1993
37.	520/1992	Bharat Process and Mechanical Engineers Ltd., Kolkata (W. Bengal) @	22.7.1996
38.	524/1992	Weighbird India Limited, Kolkata (West Bengal) @	17.2.1997
39.	526/1992	Bharat Brakes & Valves Ltd., Kolkata (West Bengal) @	27.9.2002
40.	527/1992	Cawnpore Textiles Ltd., Kanpur (Uttar Pradesh) @	19.1.1995
41.	529/1992	Smith Stanistreet & Pharmaceuticals Ltd., Kolkata (West Bengal) @	3.12.2001
42.	532/1992	Bharat Ophthalmic Glass Ltd., Durgapur (West Bengal)	19.6.2003
43.	504/1994	Southern Pesticides Corporation Limited, Hyderabad (Andhra Pradesh)	1.11.2001
44.	506/1994	Rayrolle Burn Ltd., Kolkata (West Bengal) @	13.7.2001
45.	503/1999	Pyrites, Phosphates & Chemicals Ltd., Rohtash (Bihar)	20.11.2002
46.	523/1992	Tyre Corporation of India Ltd., Kolkata (West Bengal)	20.02.1997 / 10.03.2008 / 19.05.2009 / 21.012.2009 / 03.03.2010 / 21.12.2011
47.	517/1992/504/ 2002	Biecco Lawrie Limited,	27.03.2003
48.	503/2004	Bharat Heavy Plates and Vessels Limited,	06.10.2005 / 29.08.2008 / 25.03.2009 / 21.10.2010 / 29.08.2013
49.	507/1992	Triveni Structural Ltd. ,	05.06.2003
50.	502/1999	Hindustan Vegetable Oils Corpn. Ltd.	07.12.2001 / 23.07.2008
<b>VII.</b>	<b>Others / Abated / Deregistered from BIFR</b>		
51.	501/1992	Bharat Pumps & Compressors Ltd., Allahabad (Uttar Pradesh)	6.2.2007
52.	519/1992	The Elgin Mills Co. Ltd., Kanpur (Uttar Pradesh) @ \$\$	13.3.2007
<b>VIII.</b>	<b>Draft Revival Scheme (DRS) Awaited</b>		
53.	503/1992	Indian Drugs and Pharmaceuticals Limited, Gurgaon (Haryana)	28.3.2006 / 29.9.2008
54.	504/1992	Scooters India Ltd., Lucknow (Uttar Pradesh)	1.7.2000 / 17.06.2010 / 16.01.2013
55.	509/1992	Richardson & Cruddas (1972) Ltd., Mumbai (Maharashtra) @	24.9.2007 / 04.09.2008 / 27.05.2009 / 10.09.2009
56.	516/1992	Hindustan Fertilizer Corpn. Ltd., New Delhi (Delhi)	1.2.2007 / 05.12.2008 / 26.03.2009 / 19.10.2009
57.	588/1994	Burn Standard Co. Ltd., Kolkata (West Bengal) @	16.4.2007 / 30.9.2008 / 12.11.2009
58.	501/2001	Bharat Wagon & Engg. Co. Limited , Patna (Bihar) @	11.2.2004 / 25.11.2008 / 24.06.2009 / 16.11.2009
59.	503/505/2002	Hindustan Cables Ltd., Kolkata (West Bengal)	21.03.2003/ 25.07.2008 / 13.2.2013
60.	505/2004	Tungabhadra Steel Products Limited, Tungabhadra Dam (Karnataka)	4.8.2005 / 11.12.2006 / 09.03.2009 / 24.08.2009 / 14.02.2013
61.	502/2005	HMT Bearings Limited, Hyderabad (Andhra Pradesh)	13.2.2006 / 23.04.2009 / 12.11.2009 / 24.1.13
62.	501/2007	Madras Fertilizer Ltd., Chennai (Tamilnadu)	02.04.2009 / 15.10.2009 / 26.2.2013
<b>IX.</b>	<b>Remanded by AAIFR</b>		
63.	538/1992	Bengal Immunity Limited, Kolkata (West Bengal) @ \$\$	25.2.2003 / 31.1.2011

**@ Taken over PSEs (23) \$\$ since closed (18) % No More a CPSE (1)**

## Chapter-13

### Disinvestment and Listing on Stock Exchanges

The policy of 'disinvestment' in Central Public Sector Enterprises (CPSEs) has evolved over the years. Disinvestment of government equity in CPSEs began in 1991-92. The Industrial Policy Statement of 1991 stated that the Government would divest part of its holdings in select CPSEs. Broadly, the objectives of divestment have been to raise resources, encourage wider public participation and bring in greater market accountability

#### 13.1 Disinvestment Commission

From 1991-92 to 1996-97, disinvestment in CPSEs was handled by the Department of Public Enterprises (DPE). DPE vide its resolution dated 23.8.1996, constituted a Public Sector Disinvestment Commission for a period of three years with Mr. G.V. Ramakrishna as its full time Chairman. The term of the Commission was further extended till 30.11.1999. The Commission submitted its report on 58 CPSEs. The Commission was reconstituted in July, 2001 for a period of two years with Dr. R.M. Patil as its (part time) Chairman. The term of this Commission was subsequently extended till October, 2004. The reconstituted Commission submitted its reports on 41 CPSEs, including review cases of earlier Commission's recommendations on 4 CPSEs. The term of the commission expired on 31.10. 2004 and the Commission was wound up.

#### 13.2 Department Of Disinvestment

The Department of Disinvestment was formed on 10<sup>th</sup> December, 1999 and has been assigned the following functions:

- a. (i) All matters relating to disinvestment of Central Government equity from Central Public Sector Undertakings,
- (ii) All matters relating to sale of Central Government equity through offer for sale or private placement in the erstwhile Central Public Sector Undertakings\*

*\*Note: All other post disinvestment matters, including those relating to and arising out of the exercise of Call option by the Strategic partner in the erstwhile Central Public Sector Undertakings, shall continue to be handled by the administrative Ministry or Department concerned, where necessary, in consultation with the Department of Disinvestment.*

- b. Decisions on the recommendations of the Disinvestment Commission on the modalities of disinvestment, including restructuring.
- c. Implementation of disinvestment decisions, including appointment of advisers, pricing of shares, and other terms and conditions of disinvestment.
- d. Disinvestment Commission;
- e. Central Public Sector Undertakings for purposes of disinvestment of Government equity only.
- f. Financial Policy in regard to the utilization of the proceeds of disinvestment channelized into the National Investment Fund.

#### 13.3 Evolution of Disinvestment Policy:

The policy of disinvestment has largely evolved through the policy statements of Finance Ministers in their Budget Speeches. Disinvestment may be construed to be an integral part of the reforms triggered post-1990's economic crisis. In brief, the policy on disinvestment can be divided into three phases, viz.,

- (i) **1991 to 1999:** The focus was on disinvestment of minority shareholding in favour of financial institutions.
- (ii) **1999-2000 to 2003-04:** In the period, the focus was on disinvestment through strategic sale.
- (iii) **Since 2004-05:** The focus is on disinvestment of minority stakes in the domestic market to the general public in conjunction with issue of fresh equity by the company.

#### 13.4 Current Policy on Disinvestment

The current policy on disinvestment envisages developing people's ownership of Central Public Sector Enterprises to share in their wealth and prosperity while ensuring that the Government equity does not fall below 51% and Government retains management control.

Keeping in view the objective of disinvestment policy, the following approach to disinvestment has been adopted.

- (i) Already listed profitable CPSEs (not meeting mandatory shareholding of 10% which now stands revised to 25%) are to be made compliant by 'Offer for Sale' by Government or by the



CPSEs through issue of fresh shares or a combination of both.

- (ii) Unlisted CPSEs with no accumulated losses and having earned net profit in three preceding consecutive years are to be listed.
- (iii) Follow-on public offers would be considered in respect of profitable CPSEs having 10 per cent or higher public ownership, taking into consideration the needs for capital investment of CPSE, on a case by case basis. Government could simultaneously or independently offer a portion of its equity shareholding.
- (iv) Each CPSE has different equity structure, financial strength, fund requirement, sector of operation etc. These factors do not permit a uniform pattern of disinvestment. Therefore, disinvestment is considered on merits and on a case-by-case basis.
- (v) CPSEs have been permitted to use their surplus cash to buyback their shares. A CPSE may also buy the shares of other CPSEs from the Government.

### 13.5 Advantages of Listing

There are inherent advantages in the listing of shares of profitable CPSEs on the stock exchanges as it triggers multilayered oversight mechanism to enhance corporate governance as well as provides for level playing field to CPSEs vis-à-vis private companies in regard to accessing the resources through the capital market. The process enhances shareholder value in the listed CPSEs.

- (a) The listed companies are mandated by Company Law/SEBI/ Stock Exchanges to comply with higher level of disclosures. This will bring greater transparency and credibility;
- (b) With the induction of independent directors, management accountability, competencies and performance are enhanced.
- (c) Investor centric research provides on a regular basis a third party professional assessment of risks as well as future prospects to management to help it benchmark its business model with the industry.

Daily trading volume and prices work as a barometer for the management and operate as a concurrent source of feedback with regard to the impact of managerial decisions as well as shop floor developments. The higher levels of public scrutiny promotes ethical conduct of business and improves corporate culture; and

- (d) Expectations of investors (shareholders) will bring

productive pressure upon the management to perform more efficiently to unlock the true value of the enterprise.

Listing of profitable CPSEs on the stock exchanges with a mandatory public ownership of at least 25% shareholding has been observed to increase significantly the value of the Enterprise and Government's residual shareholding as well as that held by the public post-listing. Listing provides development of people-ownership of CPSEs, thus encouraging participation and sharing the prosperity of CPSEs.

### 13.6 Disinvestment from 1991-92 Till March 2015:

The summary of disinvestment receipts since 1991-92 till 2014-15 is at Annexure -13.1

During the financial year 2014-15, against the target of ₹36,925 crore, Government realized an amount of ₹24277.17 crore through minority stake sale. In addition an amount of ₹ 71.54 crore was also realized through employees OFS. The details of the transaction in 2014-15 are stated below:

- (i) **Coal India Limited:** Government divested 10% paid-up equity capital of the company by way of Offer for Sale of Shares by Promoters through Stock Exchange Mechanism (OFS) and realized an amount of ₹22,557.63 crore.
- (ii) **SAIL:** Government divested 5% paid-up equity capital of the company by way of Offer for Sale of Shares by Promoters through Stock Exchange Mechanism (OFS) and realized an amount of ₹1,719.54 crore.
- (iii) **National Fertilizers Limited (NFL):** Disinvestment through OFS for employees of NFL with realisation of an amount of ₹3.60 crore.
- (iv) **MMTC Limited:** Disinvestment through OFS for employees of MMTC Limited with realisation of an amount of ₹4.16 crore.
- (v) **NTPC Limited:** Disinvestment through OFS for employees of NTPC Limited with realisation of an amount of ₹48.16 crore.
- (vi) **HCL Limited:** Disinvestment through OFS for employees of HCL Limited with realisation of an amount of ₹3.17 crore.
- (vii) **National Aluminium Company Limited:** Disinvestment through OFS for



employees of NALCO with realisation of an amount of ₹12.45 crore.

- (viii) **NMDC Limited:** Disinvestment through OFS for employees of NMDC Limited with realisation of an amount of ₹0.0040 crore.

### 13.7 National Investment Fund:

The Government of India constituted the National Investment Fund (NIF) on 3<sup>rd</sup> November, 2005, into which the proceeds from disinvestment of Central Public Sector Enterprises were to be channelized. The corpus of the fund was to be of permanent nature and the same was to be professionally managed in order to provide sustainable returns to the Government, without depleting the corpus. NIF was to be maintained outside the Consolidated Fund of India. The NIF was initialized with the disinvestment proceeds of two CPSEs namely PGCIL and REC, amounting to ₹1814.45 crore. 75% of the annual income of the Fund was to be used to finance selected social sector schemes, which promote education, health and employment. The residual 25% of the annual income of the Fund was to be used to meet the capital investment requirements of the profitable and revivable CPSEs that yield adequate returns, in order to enlarge their capital base to finance expansion/diversification.

### 13.8 Restructuring of the NIF:

In view of the difficult situation caused by the global slowdown of 2008-09 and a severe drought in 2009-10, the, CCEA on 5<sup>th</sup> November, 2009, approved a change in the policy on utilization of disinvestment proceeds. A one-time exemption was accorded to disinvestment proceeds being deposited into NIF for investment; this exemption was to be operational for period April 2009 – March 2012. All disinvestment proceeds obtained during the three year period were to be used for selected Social Sector Schemes allocated for by Planning Commission/Department of Expenditure. The utilization of disinvestment proceeds were continued for funding of Social Sector Schemes till 31<sup>st</sup> March, 2013. During the period 2009-12, disinvestment receipts to the tune of ₹82,798.55 crore were allocated and spent on plan expenditure of Social Sector Schemes. The income from the NIF during the period 2009-13 of ₹716.19 crore was also utilized on plan expenditure of Social Sector Schemes.

The Government on 17<sup>th</sup> January, 2013 has approved restructuring of the National Investment Fund (NIF) and decided that the disinvestment proceeds with effect from the fiscal year 2013-14 will be credited to the existing

‘Public Account’ under the head NIF and they would remain there unit withdrawn/invested for the approved purpose.

It was decided that the NIF would be utilized for the following purposes:

- Subscribing to the shares being issued by the CPSEs including PSBs and Public Sector Insurance Companies, on rights basis so as to ensure 51 % ownership of the Government in those CPSEs/ PSBs/Insurance Companies, is no diluted.
- Preferential allotment of shares of the CPSE to promoters as per SEBI (Issue of Capital and Disclosure Requirements) Regulations, 2009 so that Government shareholding does not go down below 51% in all cases where the CPSE is going to raise fresh equity to meet its capital expenditure program.
- Recapitalization of public sector banks and public sector insurance companies.
- Investment by Government in RRBs/IIFCL/ NABARD/Exim Bank;
- Equity infusion in various Metro projects;
- Investment in Bhartiya Nabhikiya Vidyut Nigam Limited and Uranium Corporation of India Ltd.
- Investment in Indian Railways towards capital expenditure.

### 13.9 Allocations of Disinvestment Proceeds through National Investment Fund (NIF) in 2014-15:

The proceeds from disinvestment of Government equity holding in CPSUs were utilized through National Investment Fund (NIF) on specific schemes such as meeting capital expenditure of Railways and re-capitalization of PSBs in 2014-15. Since Ministry of Railways and Department of Financial Services (DFS) were provided funds through NIF towards meeting the capital expenditure of Railways and re-capitalization of PSBs, the following amounts are re-distributed among these two entities based on the actual collections from disinvestment proceeds and monetization of SDRs to ensure full utilization of the realized sums in the year 2014-15:

Targeted application through NIF	Amount('in crore)
Re-capitalization of PSBs	1253.30
Ministry of Railways	28185.12
<b>Total</b>	<b>29438.42</b>

## Summary of Receipts from Disinvestment : 1991-92 To 2014-15

Year	Budgeted receipt	Receipts through sale of minority shareholding in CPSEs	Receipts through sale of majority shareholding of one CPSE to another CPSE	Receipts through Strategic sale	Receipts from other related transactions	Receipts from sale of residual shareholding in disinvested CPSEs / companies	Total receipts	Transactions
	(₹ crore)	(₹ crore)	(₹ crore)	(₹ crore)	(₹ crore)	(₹ crore)	(₹ crore)	
1991-92	2,500.00	3,037.74	-	-	-	-	3,037.74	Minority shares sold in Dec, 1991 and Feb, 1992 by auction method in bundles of "very good", "good" and "average" companies
1992-93	2,500.00	1,912.51	-	-	-	-	1,912.51	Shares sold separately for each company by auction method.
1993-94	3,500.00	-	-	-	-	-	-	Equity of 6 companies sold by auction method but proceeds received in 94-95.
1994-95	4,000.00	4,843.10	-	-	-	-	4,843.10	Shares sold by auction method.
1995-96	7,000.00	168.48	-	-	-	-	168.48	Shares sold by auction method.
1996-97	5,000.00	379.67	-	-	-	-	379.67	GDR -VSNL
1997-98	4,800.00	910	-	-	-	-	910	GDR -MTNL
1998-99	5,000.00	* 5,371.11	-	-	-	-	5,371.11	GDR-VSNL; Domestic offerings of CONCOR and GAIL; Cross purchase by 3 Oil sector companies i.e. GAIL, ONGC and IOC.
1999-00	10,000.00	** 1,479.27	-	105.45	275.42	-	1,860.14	GDR-GAIL; Domestic offering of VSNL; capital reduction and dividend from BALCO; Strategic sale of MFIL.
2000-01	10,000.00	-	1,317.23	554.03	-	-	1,871.26	Sale of KRL, CPCL and BRPL to CPSEs; Strategic sale of BALCO and LJM.
2001-02	12,000.00	-	-	3,090.09	2,567.60	-	5,657.69	Strategic sale of CMC, HTL, VSNL, IBP, PPL, hotel properties of ITDC and HCI, slump sale of Hotel Centaur Juhu Beach, Mumbai and leasing of Ashok Bangalore; Special dividend from VSNL, STC and MMTC; sale of shares to VSNL employees.
2002-03	12,000.00	-	-	2,252.72	1,095.26	-	3,347.98	Strategic sale of HZL, IPCL, hotel properties of ITDC, slump sale of Centaur Hotel Mumbai Airport, Mumbai; Premium for renunciation of rights issue in favour of SMC; Put Option of MFIL; Sale of shares to employees of HZL and CMC.

2003-04	14,500.00	12,741.62	-	342.06	-	2,463.73	15,547.41	Strategic sale of ICL; Call Option of HZL; Offer for Sale of MUL, IBP, IPCL, CMC, DCI, GAIL and ONGC; Sale of shares of ICI Ltd.
2004-05	4,000.00	2,700.06	-	-	64.81	-	2,764.87	Offer for Sale of NTPC and spill over of ONGC; sale of shares to IPCL employees.
2005-06	No target fixed	-	-	-	2.08	1,567.60	1,569.68	Sale of MUL shares to Indian public sector financial institutions & banks and employees
2006-07	No target fixed	-	-	-	-	-	-	
2007-08	No target fixed	1,814.45	-	-	-	2,366.94	4,181.39	Sale of MUL (₹2366.94 cr) shares to public sector financial institutions, public sector banks and Indian mutual funds and sale of PGCIL (₹994.82 cr) and REC (₹ 819.63 cr) shares through Offer for Sale.
2008-09	No target fixed	-	-	-	-	-	-	
2009-10	No target fixed	23,552.93	-	-	-	-	23,552.93	₹ 2012.85 cr - NHPC, ₹2247.05 cr OIL, ₹8480.098 cr NTPC, ₹882.52 cr REC, ₹ 9330.42 cr NMDC
2010-11	40,000.00	22,144.21	-	-	-	-	22,144.21	₹ 1062.74 cr SJVN, ₹959.65 cr EIL, ₹15199.44 cr COAL INDIA, ₹3721.17 cr PGCIL, ₹618.75 cr MOIL, ₹582.45 cr SCI
2011-12	40,000.00	13,894.05	-	-	-	-	13,894.05	₹ 1144.55 cr PFC, ₹12749.5 cr ONGC
2012-13	30,000.00	23,956.06	-	-	-	-	23,956.06	₹124.97 cr NBCC, ₹807.03 cr HCL, ₹5973.27 cr NMDC, ₹3141 cr OIL, ₹11456.78 cr NTPC, ₹ 310.15 cr RCF, ₹ 627.84 cr NALCO, ₹1514.50 cr SAIL
2013-14	40,000.00	15,819.45	-	-	-	-	15,819.45	₹ 571.71 cr from MMTC, ₹ 259.56 cr from HCL, ₹ 101.08 cr from NFL, ₹ 30.17 cr from ITDC, ₹ 4.54 cr from STC, ₹ 358.21 cr from NLC, ₹ 2131.28 cr from NHPC, ₹1637.32 cr from PGCIL, ₹ 497.32 cr from EIL, ₹1886.77 cr from BHEL, ₹5341.49 cr from IOCL, ₹3000 cr from CPSE-ETF
2014-15	36,925.00	24,277.17	-	-	71.54	-	24,348.71	₹ 3.60 cr Employee OFS of NFL, ₹48.16 cr Employee OFS of NTPC, ₹ 1719.54 cr SAIL, ₹ 22557.63 cr COAL INDIA, ₹ 4.16 cr Employee OFS of MMTC, ₹ 3.17 cr Employee OFS of HCL, ₹ 12.45 cr Employee OFS of NALCO, ₹ 0.0040 cr Employee OFS of NMDC
<b>Grand Total</b>		<b>1,59,001.87</b>	<b>1,317.23</b>	<b>6,344.35</b>	<b>4,076.71</b>	<b>6,398.27</b>	<b>1,77,138.43</b>	

\* Out of ₹ 5371.11, ₹4184 crore constitute receipts from cross purchase of shares of ONGC, GAIL and IOC.

\*\* Out of ₹ 1479.27, ₹ 459.27 crore constitute receipts from cross purchase of shares of ONGC, GAIL and IOC.

## Chapter 14

### Performance of Public Sector Insurance Companies

#### Overview of the Insurance Sector

The insurance sector was opened for private participation with the enactment of the Insurance Regulatory and Development Authority Act, 1999. Since opening up of the sector, the number of participants in the industry has gone up from seven insurers (including Life Insurance Corporation of India, four public sector general insurers, one specialized insurer viz. Export Credit Guarantee Corporation and General Insurance Corporation as the National Re-insurer) in the year 2000 to 53 insurers as on 31<sup>st</sup> March, 2015 operating in the life, non-life and re-insurance segments (including specialized insurers, viz. Export Credit Guarantee Corporation and Agriculture Insurance Company of India Limited (AICIL).

Thus currently as many as eight (8) insurance companies (life and non-life insurance) are functioning in the public sector. These enterprises are Life Insurance Corporation of India, National Insurance Company Limited, New India Assurance Company Limited, Oriental Insurance Company Limited, United India Insurance Company Limited, General Insurance Corporation of India, Agriculture Insurance Company of India Limited and Export Credit Guarantee Corporation of India. These public sector insurers are offering a variety of insurance policies ranging from Life Insurance to Crop Insurance. Five of the general insurance companies' viz. Star Health and Alliance Insurance Company, Apollo MUNICH Health Insurance Company, Max BUPA Health Insurance Company, Religare Health Insurance Company and Cigna TTK Health Insurance Company function as standalone health insurance companies. Of the twenty three private life insurance companies which have set up operations in the life segment post opening up of the sector, twenty one are in joint venture with foreign partners. Of the twenty two private companies which have commenced operations in the non-life segment, seventeen have been set up in collaboration with foreign partners. Thus, thirty eight insurance companies in the private sector are operating in the country in collaboration with established foreign insurance companies from across the globe as on 31<sup>st</sup> March, 2015. The performance of public sector insurance companies are discussed below:

#### 14.1 Life Insurance Corporation of India (LIC)

Life Insurance Corporation of India (LIC) was established in the year 1956 as a Statutory Corporation under Section 3 of the Life Insurance Corporation Act, 1956 to carry out life insurance business in India. The objective of establishing the Corporation was spreading life insurance much more widely and in particular to the rural areas, with a view to reach all insurable persons in the country and providing them with adequate financial cover at a reasonable cost. LIC has 8 Zonal Offices, 113 Divisional Offices, 2048 Branch Offices and 1381 Satellite offices and 1245 Mini Offices throughout the length and breadth of the country as on 31.03.2015. The staff strength of LIC is 1.17 lakh and it has an agency force of 11.64 lakh.

LIC offers a wide range of products to fulfill the needs of different segments of the society. As at the end of the year 2014-15, LIC had 20 Individual Products and 8 Group Products for sale. One of the main objectives of LIC is to reach all insurable persons in the country and to provide them with adequate financial cover. During the year 2014-15, LIC completed 201.34 lakh policies out of which 181.80 lakh policies for Sum Assured of ₹3,54,266.18 crore were under First Insurance category. The ratio of First Insurance to the Total Business completed for the year comes to 89.70% and 85.81% in respect of number of policies and Sum Assured respectively.

Life Insurance Corporation of India is present in 13 countries through its Branch Offices, Joint Venture Companies and Wholly Owned Subsidiary. LIC has Branch Offices in U.K., Mauritius and Fiji. It has Joint Venture Companies in Bahrain (operating in Bahrain, Qatar, Kuwait, Oman & U.A.E. (Dubai and Abu Dhabi)), Kenya, Saudi Arabia, Nepal and Sri Lanka and a Wholly Owned Subsidiary in Singapore. LIC has decided to enter Bangladesh through JV route for which necessary application has been filed. The Total New Business First Premium Income of LIC's foreign units during the period from 01.04.2014 to 31.03.2015 was ₹1360.33 crore under 1,47,897 policies. The Life Fund as at 31.03.2015 stood at ₹18,24,194.95 crore. The Corporation made payments of ₹11,029.66 crore under Death Claim cases,

₹83,372.06 crore under Maturity Claims and ₹5059.95 crore under annuities. In addition to above, performance in other significant parameters in the Financial Year 2014-15 is given below:-

**Table 14.1**  
**Performance of LIC during the year 2013-14 and 2014-15**

Sl No.	Parameters	Performance	
		2013-14	2014-15
1	Individual Policies Sold (Nos. in crore)	3.45	2.01
2	Market Share in terms of number of Policies	84.44%	77.85%
3	Total Premium Income( in crore)	236798.07	239482.77
4	Total Income( in crore)	380042.44	407546.36
5	Total No. of Death Claims settled(in Lacs)	10.13	10.15
6	Total No. of Maturity Claims settled(in Lacs)	248.87	222.17

#### 14.1.1 Aam Admi Bima Yojana

The Aam Admi BimaYojana (AABY) has come into effect from 01.01.2013, as per Ministry of Finance letter F.No.I-3011/6/2009 by merger of erstwhile JanashreeBimaYojana (JBY) and Aam Admi Bima Yojana (AABY). Persons between age 18 years and 59 years and those who are members of the identified 48 occupational groups are eligible to be covered under this scheme. The premium for the scheme is ₹200/- per member per annum, 50% of which is contributed by the member and/or State Government and /or Nodal Agency and remaining 50% is drawn as subsidy from the Social Security Fund constituted by Government of India and maintained by LIC of India. In case of Rural Landless Housel holders (RLH) the entire premium is borne in the ratio of 50:50 by State Government and LIC maintained Social Security Fund. This kind of 100% financing is also there in Rajasthan's Panna Dhay scheme (AABY for BPL people of Rajasthan), in Uttarakhand's and Madhya Pradesh's AABY scheme.

**Table 14.2**

Sl No.	Benefits under Aam Admi BimaYojana	Amount (in ₹ )
1.	Natural Death	30,000/-
2.	On death or total permanent disability due to accident	75,000/-
3.	On partial permanent disability due to accident	37,500/-

Scholarship as a free add-on benefit is also provided to a maximum of two children of the beneficiary studying between 9<sup>th</sup> to 12<sup>th</sup> standards (including ITI courses) at the rate of ₹100/- per month for each child payable half yearly on 1st July and 1st January each year. During the financial year 2014-2015 total number of scholarships disbursed were 30,41,921 amounting to ₹274 crore.

**Table14.3**

**Lives Covered & Claims Settled in AABY are as follows:**

Year	Lives Covered	No. of Claims settled	Amount of Claims settled ( In Crore)
2007-2008	42,61,156	-	-
2008-2009	71,71,556	20,680	64.79
2009-2010	1,30,45,666	38,493	125.52
2010-2011	1,77,47,480	40,780	131.53
2011-2012	2,02,58,390	61,056	197.85
2012-2013	4,29,00,000	1,39,776	430.84
2013-2014	4,54,15,082	1,31,863	435.61
2014-2015	4,32,08,152	1,23,000	410.27

#### 14.1.2 Pradhan Mantri Jan Dhan Yojana (PMJDY) Scheme:

Pradhan Mantri Jan DhanYojana was launched on 28.08.2014 as a tool for financial inclusion of the deprived sections of the society. Under this scheme, Basic Savings Bank accounts were opened on a mass scale with certain add-on benefits and benefits were given to the account holders. One of the benefits is providing Life Insurance cover of ₹30,000/- on Death (due to any reason) through Life Insurance Corporation of India. There is also a benefit of Accident Insurance Cover of ₹ 1 lac, provided by Government through the designated General Insurance Company. For availing the Life insurance coverage of



₹30000/- \* on death arising out of any cause under this scheme, a Person should be between 18 to 59 years of age and he/ she should have been enrolled under PMJDY between 15.08.2014 to 31.01.2015 & should be holder of RuPay Card. Total number of bank accounts opened under PMJDY between 15.08.2014 to 31.01.2015 is ₹12.55 Cr.

(\* Subject to Government guidelines and eligibility criteria)

## 14.2 Non-Life Insurance Companies

The General insurance industry was nationalized in 1972 and 107 insurers were amalgamated and grouped into four Companies – National Insurance Co. Ltd., The New India Assurance Co. Ltd., The Oriental Insurance Co. Ltd. and United India Insurance Co. Ltd. The four entities were set up as subsidiaries of General Insurance Corporation of India (GIC) which also played the role of Re-insurer. As a part of liberalization process, with the enactment of IRDA Act, 1999, it became necessary to nominate Indian Re-Insurer under Insurance Act, 1938. GIC was, therefore, notified as Indian Re-Insurer on 3<sup>rd</sup> November, 2000 under Section 35 of GIBNA Act, 1972. Through enactment of the General Insurance Business (Nationalization) Amendment Act, 2002, the four PSGICs were delinked from GIC and the holdings of GIC in the four Public Sector General Insurance Companies (PSGICs) were transferred to the Government. Presently, all the four Public Sector General Insurance Companies are Board run Companies.

The detailed particulars of the four Public Sector General Insurance Companies are as follows:-

### 14.2.1 National Insurance Company Limited:

- Incorporated in 1906
- Headquartered in Kolkata
- 21 Foreign and 11 Indian Companies amalgamated at the time of nationalization in 1972.
- Paid-up share capital is ₹ 100 Crore
- Gross Direct Premium Income (GDPI) in 2014-15 was ₹11282.64/-Crore against GDPI of ₹ 10,260.99/-Crore in 2013-14 showing a growth of 9.96% against a growth of 11.6% in the previous year
- Incurred claims Ratio is 77.54 % for the year 2014-15 against 81.18 % in 2013-14
- Profit After Tax was ₹ 967.64 crore in 2014-15 against ₹ 823.32/-crore in 2013-14

- 1995 offices, including Micro offices
- 14757 employees
- Dividend proposed for 2014-15 is ₹ 193.53/- crore as compared to ₹ 164.66/- crore in 2013-14
- Foreign operations in Nepal
- “AAA/STABLE” rating by CRISIL and “B++ (Good)” rating by A.M.Best Company.

### 14.2.2 The New India Assurance Company Limited:

- Incorporated in 1919
- Headquarters in Mumbai
- 21 Indian companies amalgamated at the time of nationalization in 1972
- Paid-up share capital is ₹ 200 Crore
- Gross Direct Premium Income (GDPI) in 2014-15 is ₹15480.35 crore globally against GDPI of ₹ 13727.60 crore in 2013-14 showing a growth of 12.77% against a growth of 15.62% in the previous year.
- Incurred claims Ratio is 84.02 % for the year 2014-15 against 83.52 % in 2013-14
- Profit After Tax is ₹1431.23 Crore in 2014-15 against ₹1088.96 Crore in 2013-14.
- 2221 offices.
- 18,240 employees.
- The Company operates through a network of 18 Branches, 7 Agencies, 3 Subsidiary Companies in 28 countries
- “A-”(Excellent) rating from AM Best & Co. (Europe)

### 14.2.3 The Oriental Insurance Company Limited:

- Incorporated in 1947
- Headquarters at New Delhi
- 10 Indian & 12 Foreign companies merged at the time of nationalization in 1972
- Paid-up share capital is ₹ 200 Crore
- Gross Direct Premium Income (GDPI) in 2014-15 was ₹7561.93 Crore against GDPI of ₹7282.54 Crore in 2013-14 showing a growth of 3.84% against a growth of 8.08% in the previous year
- Incurred claim Ratio is 81.89% for the year 2014-15 against 85.84% in 2013-14
- Profit After Tax was ₹392.09 Crore in 2014-15

against ₹460.29 Crore in 2012-13

- 1915 offices
- 14574 employees
- Foreign operations in Nepal, Dubai & Kuwait
- 'B++' (very good) rating from AM Best Asia Pacific.

#### **14.2.4 United India Insurance Company Limited:**

- Incorporated in 1938
- Headquarters at Chennai
- 12 Indian companies, 4 cooperative societies & Indian operations of 5 foreign companies merged at the time of nationalization in 1972
- Paid-up share capital is ₹ 150 Crore
- Gross Direct Premium Income (GDPI) in 2014-15 is ₹ 10691.73 Crore against GDPI of ₹ 9708.93 Crore in 2013-14 showing a growth of 10.12 % against a growth of 4.78 % in the previous year
- Incurred claims Ratio for the year 2014-15 is 84.42% against 82.56 % in 2013-14.
- Profit After Tax was ₹ 300.57 Crore in 2014-15 against ₹ 527.60 Crore in 2013-14.
- Dividend for the year 2014-15 is ₹ 61Crore against ₹ 106 crore in 2013-14
- 1992 offices
- 16366 employees
- Rated iAAA by ICRA

The above Public Sector General Insurance Companies provide coverage for insurance other than Life such as, Fire, Marine (Cargo & Hull), Motor, Workmen's Compensation, Personal Accident, Aviation, Engineering, Liability, Health, etc.

Amidst the challenging economic environment, Indian General Insurance Sector has displayed tremendous resilience by growing at 9.27% during the fiscal 2014-15. As per data published by Insurance Regulatory and Development Authority (IRDA) during the year 2014-15 General Insurance Gross Direct Premium Income stood at ₹84,732.08 Crs in comparison to ₹77,541.50 Crs as at 31<sup>st</sup> March 2014. The market share of the Public Sector General Insurance Companies stood approximately at 55.11% in 2014-15 as against 55.83% in 2013-14.

Motor and Health Insurance have been the major drivers of growth in General Insurance Industry.

Strategic Alliances spearhead the retail focus of the companies through tie-up arrangements with automobile manufacturers, banks and other entities with large distribution network. Besides providing cover through traditional policies, the PSGICs are continually evolving themselves to provide tailor made policies to suit the changing / emerging needs of the customers.

Under Financial Inclusion initiative the Public Sector General Insurance Companies (PSGICs), with a view to increase growth and spread, have started expansion of their network of offices in unrepresented areas of the country and targeted engagement of Banking Correspondents (BC) and Banking Correspondent Associates (BCA) as their agents in this endeavor. The Public Sector General Insurance Companies (PSGICs) have various policies to provide insurance cover to the poor for reconstruction of their houses in case of natural calamities like fire, flood, cyclone, earthquake etc. Policies like Gramin Suraksha Micro Policy, Farmers Package Policy, Hut Insurance Policy, Tribal Package Policy, Uni-Micro Policy. Long Term House Policy to cover houses constructed under Weaker Section Housing Scheme for a period of 10 years is also available.

#### **14.3 General Insurance Corporation of India (GIC)**

The General Insurance Corporation of India (GIC) was set up as a Government company under the General Insurance Business (Nationalisation) Act, 1972 for the purpose of superintending, controlling and carrying on the business of 'General Insurance'. The GIC was authorized to carry out the general insurance business through its four subsidiaries viz. National Insurance Company Ltd., New India Assurance Company Ltd., Oriental Insurance Company Ltd. and United India Insurance Company Ltd. With the notification of the General Insurance Business (Nationalisation) Amendment Act, 2002, the GIC was designated as the 'Indian Reinsurer' on 3rd November, 2000 and its supervisory role over its subsidiaries ended. The ownership of these subsidiaries companies now rests with the Government of India.

General Insurance Corporation of India (GIC Re) is a leading global reinsurance and risk solution provider with its Registered Office of the Corporation in Mumbai and liaison offices in New Delhi, Kolkata and Chennai to cater to the needs of clients in these metro cities. As the 'Indian Reinsurer with a global footprint', GIC Re provides reinsurance support for all the general

insurance companies (non-life) in India. Internationally, GIC Re leads the reinsurance programmers of insurance companies in SAARC region, African countries and in the Middle East. Apart from reinsurance business, GIC Re continues to participate in the share capital of Kenindia Assurance Company Ltd. (Kenya), India International Insurance Pte Ltd., Singapore, East Africa Re and Asian Reinsurance Corporation, Bangkok. It also holds 35% share in Agriculture Insurance Company of India Ltd.

GIC Re is expanding its global presence. During 2014-15, international business contributed 43% to its revenue. GIC Re has 4 overseas offices with branch Offices in London, Dubai and Malaysia and a Representative Office in Moscow. GIC Re has an 'Eventual Reinsurer' status in Brazil. It is also reinsuring life insurance risks in India and Takaful (Shariah-compliant insurance). GIC Re also manages Marine Hull Pool, Indian Terrorism Insurance Pool and the Indian Motor Third Party Declined Risk Insurance Pool. GIC Re has been selected as the Manager for Nat Cat Pool promoted by the Federation of Afro-Asian Insurers & Reinsurers (FAIR).

GIC Re is financially strong as reflected by its high grade ratings from credit rating agencies. It is rated A- (Excellent) by A M Best & AAA (In) by CARE. GIC Re is also the 5th largest aviation reinsurer globally. During the year 2014-15, the net premium of the GIC Re was ₹13,857 crore as against ₹13213 crore in the previous year. The net incurred claims were at ₹11,892 crore i.e., 87.07 % as against ₹12107 crore in the previous year i.e., 89.00%. GIC Re's Profit after tax amounted to ₹2694 crore as on 31st March 2015 compared to Profit after tax of ₹2253 crore as on 31st March 2014. The total assets and net-worth as on 31st March 2015 was ₹78093.32 crore and ₹41148.50 crore, respectively. The present paid up capital of the Corporation is ₹430.00 crore.

#### 14.4 Agriculture Insurance Company of India Limited (AICIL)

'Agriculture Insurance Company of India Limited' (AIC) was incorporated to exclusively cater to the insurance needs of the persons engaged in agriculture and allied activities in India under the Companies Act, 1956 on 20th December 2002. The Authorized Share Capital of the Company is ₹1500 crore. The Paid-up Equity Share Capital of the Company of ₹200 crore percentage-wise is held by following Government Corporation / Bank / Company:

S. No.	Government Corporation / Bank / Company	Paid up equity Share (%)
1	General Insurance Corporation of India	35.00%
2	National Bank for Agriculture And Rural Development (NABARD)	30.00%
3	The New India Assurance Company Limited	8.75%
4	National Insurance Company Limited	8.75%
5	The Oriental Insurance Company Limited	8.75%
6	United India Insurance Company Limited	8.75%

The Company having received approval from Insurance Regulatory & Development Authority (IRDA) commenced its business operations w. e. f. 1st April, 2003. The total number of employees as on 31st March, 2015 is 274 all over the country. It has its Head Office in New Delhi, 17 Regional Offices in various State Capitals and 3 one man offices at District levels. During the year, the Company has implemented National Agricultural Insurance Scheme (NAIS) along with National Crop Insurance Programme (NCIP) having three component schemes viz. Weather Based Crop Insurance Scheme (WBCIS), Modified NAIS and Coconut Palm Insurance Scheme (CPIS). All these schemes are central sector crop insurance programme of Ministry of Agriculture. Apart from these certain other commercial crop insurance products designed by the Company has also been marketed during the year. The details of the operations of these Schemes are as under:

a. **National Agricultural Insurance Scheme (NAIS):** National Agricultural Insurance Scheme (NAIS) was implemented in many states both during Kharif-2014 and Rabi 2014-15. The scheme was implemented in 216 Districts across 10 States during Kharif-2014 season and in 349 Districts across 16 States during Rabi 2014-15. Since introduction in Rabi 1999-2000 to Rabi 2014-15, NAIS covered about 24.02 crore farmers covering 35.76 crore hectare area for sum insured of ₹386285.73 crore against premium of ₹11563.26 crore. Claims amounting ₹38432.40 crore became payable benefitting 6.62 crore farmers.

b. **National Crop Insurance Programme (NCIP):** Ministry of Agriculture introduced National Crop Insurance Programme (NCIP) from 1<sup>st</sup> November 2013. NCIP has three component Schemes viz. Modified National Agriculture Insurance Scheme (MNAIS), Weather Based Crop Insurance Scheme (WBCIS) and Coconut Palm Insurance Scheme (CPIS). CPIS is being implemented by AIC only, however, MNAIS and WBCIS are being implemented by AIC and 9 other private sector insurance companies.

i) **Modified National Agricultural Insurance Scheme (MNAIS):** The Scheme before incorporation in NCIP was piloted from Rabi 2010-11 to Kharif 2013. The modified version has many improvements viz. Insurance Unit for major crops is village panchayat or other equivalent unit; threshold yield based on average yield of past seven years, excluding up to two years of declared natural calamities; minimum indemnity level of 80 percent is available (instead of 60 percent in NAIS); and premium rates are actuarial, supported by up-front subsidy in premium, which ranges from 40% to 75%, equally shared by Centre and States. Insurer is responsible for the entire claims. AIC has been implementing MNAIS since its inception. During Kharif 2014, the MNAIS was implemented by AIC in 133 Districts across 13 States and during Rabi 2013-14 in 87 Districts across 9 States. Since introduction as pilot in Rabi 2010-11 to Rabi 2014-15, under MNAIS, AIC covered about 1.10 crore farmers insuring 1.25 crore hectare area for sum insured of ₹27845.53 crore against premium of ₹2603.92 crore. Claims amounting to ₹2281.15 crore became payable benefitting more than 29.67 lakh farmers.

ii) **Weather Based Crop Insurance Scheme (WBCIS):** Apart from the above two yield guarantee insurance Schemes, the Government of India had introduced another Pilot Scheme viz., Pilot Weather Based Crop Insurance Scheme (WBCIS) with effect from Kharif 2007, which became full-fledged

Scheme as a component of NCIP. The Scheme operates on an actuarial basis with premium subsidy which ranges from 25% to 50% equally shared by Centre and States. AIC has been implementing the Scheme in various States since its introduction. WBCIS is a parametric insurance product designed to provide insurance protection to the cultivator against adverse weather incidence during the cultivation period, such as deficit & excess rainfall, frost, heat (temperature), relative humidity, wind speed etc., which are deemed to adversely impact the crop yield. The Company insured more than 35 different crops including perennial crops like Apple, Citrus crops, Grapes, Mango, Pomegranate, Cashew nut, Oil palm, etc. The Scheme was implemented by AIC 102 districts across 14 States in Kharif 2014 and 88 districts across 11 States in Rabi 2014-15. Since introduction as pilot in Kharif 2007 to Rabi 2014-15, under WBCIS, AIC covered about 3.45 crore farmers insuring 4.63 crore hectare area for sum insured of ₹63494.68 crore against premium of ₹6021.72 crore. Claims amounting ₹4784.10 crore became payable benefitting around 2.17 crore farmers.

iii) **Coconut Palm Insurance Scheme (CPIS):** AIC in collaboration with Coconut Board designed Scheme for coconut i.e. Coconut Palm Insurance Scheme (CPIS), which is now a component of NCIP. The Scheme is available to all Coconut growing States/UTs in the country. Dwarf and Hybrid coconut palms in age range of 4 to 60 year and Tall variety coconut palms in age range of 7 to 60 year are eligible for coverage. On premium, 50% subsidy is paid by Coconut Development Board (CDB) and 25% by concerned participating concerned State Government and balance 25% of the premium is paid by farmer/grower. In case, the State government does not agree to bear 25% share of premium, farmers / growers are required to pay 50% of premium. Besides annual policy, 2 years and 3 years policies are also available with a premium rebate of 7.5% and 12.5% respectively.

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# *Statements And Appendices*



## Statements and Appendices

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# STATEMENT - 1

## NET PROFIT / LOSS (-) IN CPSEs UNDER DIFERENT MINISTRIES / DEPARTMENTS

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2014-15	2013-14	2012-13
<b>MINISTRY OF AGRICULTURE</b>				
<b>D/O AGRICULTURE AND COOPERATION</b>				
1	NATIONAL SEEDS CORPN. LTD.	3884	5407	4430
2	STATE FARMS CORPORATION OF INDIA LTD.	0	0	4258
<b>SUB TOTAL :</b>		<b>3884</b>	<b>5407</b>	<b>8688</b>
<b>MINISTRY OF AGRICULTURE</b>				
<b>D/O OF AGRICULTURE RESEARCH AND EDUCATION</b>				
3	AGRINNOVATE INDIA LTD.	289	0	0
<b>SUB TOTAL :</b>		<b>289</b>	<b>0</b>	<b>0</b>
<b>MINISTRY OF AYUSH</b>				
4	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	-14	241	446
<b>SUB TOTAL :</b>		<b>-14</b>	<b>241</b>	<b>446</b>
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>				
<b>D/O CHEMICALS &amp; PETROCHEMICALS</b>				
5	HINDUSTAN FLUOROCARBONS LIMITED	-377	-2482	95
6	HINDUSTAN INSECTICIDES LTD.	160	185	292
7	HINDUSTAN ORGANIC CHEMICALS LTD.	-21549	-17685	-13799
<b>SUB TOTAL :</b>		<b>-21766</b>	<b>-19982</b>	<b>-13412</b>
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>				
<b>D/O FERTILIZER</b>				
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	64612	-15829	-3264
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	3537	3046	2849
10	FERTILIZER CORPN. OF INDIA LTD.	19098	6	1077808
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-39991	-26495	-35396
12	HINDUSTAN FERTILIZER CORPN. LTD.	-38075	-38050	-38053
13	MADRAS FERTILIZERS LTD.	-13469	10004	2444
14	NATIONAL FERTILIZERS LTD.	2624	-8971	-17073
15	PROJECTS & DEVELOPMENT INDIA LTD.	-586	132	1071
16	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	32206	24989	28090
<b>SUB TOTAL :</b>		<b>29956</b>	<b>-51168</b>	<b>1018476</b>
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>				
<b>D/O PHARMACEUTICALS</b>				
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	-1732	-3655	-1794
18	HINDUSTAN ANTIBIOTICS LTD.	-8963	-8423	-6937
19	IDPL (TAMILNADU) LTD.	-234	-234	-341
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	-16721	-17463	-23958
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1106	776	1129
22	ORISSA DRUGS & CHEMICALS LTD.	135	49	90
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-1976	-1940	80
<b>SUB TOTAL :</b>		<b>-28385</b>	<b>-30890</b>	<b>-31731</b>

<b>MINISTRY OF CIVIL AVIATION</b>				
24	AIR INDIA AIR TRANSPORT SERVICES LTD.	6759	219	51
25	AIR INDIA CHARTERS LTD.	-6103	-34532	-35116
26	AIR INDIA ENGINEERING SERVICES LTD.	-38950	0	0
27	AIR INDIA LTD.	-585991	-627960	-549016
28	AIRLINE ALLIED SERVICES LTD.	-18403	-22122	-13339
29	AIRPORTS AUTHORITY OF INDIA	195922	144106	73500
30	HOTEL CORPN. OF INDIA LTD.	-5046	-4047	-3562
31	PAWAN HANS LTD.	3881	3857	1170
<b>SUB TOTAL :</b>		<b>-447931</b>	<b>-540479</b>	<b>-526312</b>
<b>MINISTRY OF COAL</b>				
32	BHARAT COKING COAL LTD.	76314	171435	149880
33	CENTRAL COALFIELDS LTD.	177061	167176	188561
34	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2504	1957	2505
35	COAL INDIA LTD.	1338339	1500854	979432
36	EASTERN COALFIELDS LTD.	113940	87223	165554
37	MAHANADI COALFIELDLS LTD.	355410	362430	421244
38	NEYVELI LIGNITE CORPN. LTD.	157968	150188	145975
39	NORTHERN COALFIELDS LTD.	213417	200802	268213
40	SOUTH EASTERN COALFIELDS LTD.	365993	477230	429903
41	WESTERN COALFIELDS LTD.	31314	22358	32430
<b>SUB TOTAL :</b>		<b>2832260</b>	<b>3141653</b>	<b>2783697</b>
<b>MINISTRY OF COMMERCE &amp; INDUSTRY</b>				
<b>D/O COMMERCE</b>				
42	E. C. G. C. LTD.	18010	36070	24279
43	INDIA TRADE PROMOTION ORGANISATION	20785	18001	15229
44	KARNATAKA TRADE PROMOTION ORGANISATION	1246	464	574
45	M M T C LTD.	4791	1864	-7062
46	P E C LTD.	-20854	71	9696
47	STATE TRADING CORPN. OF INDIA LTD.	2619	-49220	1795
48	STCL LTD.	-41259	-35252	-29612
49	TAMIL NADU TRADE PROMOTION ORGANISATION	2343	2748	2167
<b>SUB TOTAL :</b>		<b>-12319</b>	<b>-25254</b>	<b>17066</b>
<b>MINISTRY OF COMMUNICATIONS &amp; INFORMATION TECHNOLOGY</b>				
<b>D/O TELECOMMUNICATIONS</b>				
50	BHARAT BROADBAND NETWORK LTD.	-29	178	0
51	BHARAT SANCHAR NIGAM LTD.	-823409	-701976	-788444
52	I T I LTD.	-29712	-34426	-18206
53	MAHANAGAR TELEPHONE NIGAM LTD.	-289339	782513	-532112
54	MILLENNIUM TELECOM LTD.	13	-17	-20
55	TCIL BINA TOLL ROAD LTD.	-942	0	0
56	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2137	1475	1576
<b>SUB TOTAL :</b>		<b>-1141281</b>	<b>47747</b>	<b>-1337206</b>
<b>MINISTRY OF COMMUNICATIONS &amp; INFORMATION TECHNOLOGY</b>				
<b>D/O ELECTRONICS AND INFORMATION TECHNOLOGY</b>				
57	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	5255	3610	2704
<b>SUB TOTAL :</b>		<b>5255</b>	<b>3610</b>	<b>2704</b>

<b>MINISTRY OF COMSUMER AFFAIRS, FOOD &amp; PUBLIC DISTRIBUTION</b>				
<b>D/O FOOD &amp; PUBLIC DISTRIBUTION</b>				
58	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1386	1764	1647
59	CENTRAL WAREHOUSING CORPN.	18212	16105	13955
60	FOOD CORPN. OF INDIA	0	47806	-435
61	HINDUSTAN VEGETABLE OILS CORPN. LTD.	0	-2510	-1146
<b>SUB TOTAL :</b>		<b>19598</b>	<b>63165</b>	<b>14021</b>
<b>MINISTRY OF DEFENCE</b>				
<b>D/O DEFENCE PRODUCTION</b>				
62	BEL OPTRONICS DEVICES LTD.	367	496	576
63	BEML LTD.	676	468	-7987
64	BHARAT DYNAMICS LTD.	41857	34551	28840
65	BHARAT ELECTRONICS LTD.	116724	93162	88983
66	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	4345	12146	13154
67	GOA SHIPYARD LTD.	7824	-6109	1550
68	HINDUSTAN AERONAUTICS LTD.	238805	269252	299691
69	HINDUSTAN SHIPYARD LTD.	-20284	-4621	-5517
70	MAZAGON DOCK SHIPBUILDERS LTD.	49159	39761	41272
71	MISHRA DHATU NIGAM LTD.	10213	8246	8252
72	VIGNYAN INDUSTRIES LTD.	-22	-97	-271
<b>SUB TOTAL :</b>		<b>449664</b>	<b>447255</b>	<b>468543</b>
<b>MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION</b>				
73	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-440	-232	-150
74	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-589	-444	-282
<b>SUB TOTAL :</b>		<b>-1029</b>	<b>-676</b>	<b>-432</b>
<b>MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE</b>				
75	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	-4509	-4020	-3571
<b>SUB TOTAL :</b>		<b>-4509</b>	<b>-4020</b>	<b>-3571</b>
<b>MINISTRY OF FINANCE</b>				
<b>D/O FINANCIAL SERVICES</b>				
76	INDIA INFRASTRUCTURE FINANCE CO. LTD.	75340	52142	104699
77	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	642	852	885
<b>SUB TOTAL :</b>		<b>75982</b>	<b>52994</b>	<b>105584</b>
<b>MINISTRY OF FINANCE</b>				
<b>D/O ECONOMIC AFFAIRS</b>				
78	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	-35207	21463	42349
<b>SUB TOTAL :</b>		<b>-35207</b>	<b>21463</b>	<b>42349</b>
<b>MINISTRY OF HEALTH &amp; FAMILY WELFARE</b>				
<b>DEPARTMENT OF HEALTH AND FAMILY WELFARE</b>				
79	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	180	299	0
80	HLL BIOTECH LTD.	-7	0	0
81	HLL LIFECARE LTD.	3155	2572	3007
82	HSCC (INDIA) LTD.	2454	2398	2257
<b>SUB TOTAL :</b>		<b>5782</b>	<b>5269</b>	<b>5264</b>
<b>MINISTRY OF HEAVY INDUSTRIES &amp; PUBLIC ENTERPRISES</b>				
<b>D/O HEAVY INDUSTRIES</b>				
83	ANDREW YULE & COMPANY LTD.	1296	2229	1135

84	BHARAT BHARI UDYOG NIGAM LTD.	92	436	36
85	BHARAT HEAVY ELECTRICALS LTD.	141929	346078	661473
86	BHARAT HEAVY PLATE & VESSELS LTD.	0	3504	3504
87	BHARAT PUMPS & COMPRESSORS LTD.	-5482	-524	-2791
88	BHEL ELECTRICAL MACHINES LTD.	-396	-106	-55
89	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	4823	4412	4208
90	BRIDGE & ROOF CO.(INDIA) LTD.	1200	1061	3840
91	CEMENT CORPN. OF INDIA LTD.	4008	1620	811
92	ENGINEERING PROJECTS (INDIA) LTD.	2709	1699	2146
93	HEAVY ENGINEERING CORPN. LTD.	-24169	29931	2038
94	HINDUSTAN CABLES LTD.	-93299	-78188	-88505
95	HINDUSTAN NEWSPRINT LTD.	-781	-886	-1809
96	HINDUSTAN PAPER CORPORATION LTD.	-2508	-11850	-15187
97	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-216436	-182042	-156059
98	HINDUSTAN SALTS LTD.	-495	11	74
99	HMT (INTERNATIONAL) LTD.	52	10	448
100	HMT BEARINGS LTD.	-1777	-1598	-207
101	HMT CHINAR WATCHES LTD.	-4905	-5116	-5116
102	HMT LTD.	-9657	8721	-14537
103	HMT MACHINE TOOLS LTD.	-13494	-5266	-4365
104	HMT WATCHES LTD.	-25920	-23307	-24248
105	HOOGHLY PRINTING COMPANY LTD.	7	10	8
106	INSTRUMENTATION LTD.	-14154	-6861	-5409
107	NAGALAND PULP & PAPER COMPANY LTD.	-1538	-1473	-1458
108	NEPA LTD.	-4871	30886	-8408
109	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1445	1358	2637
110	RICHARDSON & CRUDDAS(1972) LTD.	-365	-383	-2949
111	SAMBHAR SALTS LTD.	-983	44	30
112	SCOOTERS INDIA LTD.	1109	1360	-600
113	TRIVENI STRUCTURALS LTD.	0	-7587	-7587
114	TUNGABHADRA STEEL PRODUCTS LTD.	-2887	-3191	-3115
115	TYRE CORPORATION OF INDIA LTD.	0	-1636	-1636
<b>SUB TOTAL :</b>		<b>-265447</b>	<b>103356</b>	<b>338347</b>
<b>MINISTRY OF HOME AFFAIRS</b>				
116	DELHI POLICE HOUSING CORPORATION LTD.	109	89	90
<b>SUB TOTAL :</b>		<b>109</b>	<b>89</b>	<b>90</b>
<b>MINISTRY OF HOUSING &amp; URBAN POVERTY ALLEVIATION</b>				
117	HINDUSTAN PREFAB LTD.	528	47	-370
118	HOUSING & URBAN DEV. CORPN. LTD.	77763	72634	70056
<b>SUB TOTAL :</b>		<b>78291</b>	<b>72681</b>	<b>69686</b>
<b>MINISTRY OF HUMAN RESOURCE DEVELOPMENT</b>				
<b>D/O SECONDARY EDUCATION &amp; HIGHER EDUCATION</b>				
119	EdCIL (India) Ltd.	509	873	526
<b>SUB TOTAL :</b>		<b>509</b>	<b>873</b>	<b>526</b>
<b>MINISTRY OF INFORMATION &amp; BROADCASTING</b>				
120	BROADCAST ENGG. CONSULTANTS INDIA LTD.	-139	12	-788



121	NATIONAL FILM DEV. CORPN. LTD.	-919	-321	635
SUB TOTAL :		-1058	-309	-153
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES				
122	NATIONAL SMALL INDUSTRIES CORPN. LTD.	8860	7594	6235
SUB TOTAL :		8860	7594	6235
MINISTRY OF MINES				
123	HINDUSTAN COPPER LTD.	6760	28642	35564
124	MINERAL EXPLORATION CORPN. LTD.	5944	2546	2066
125	NATIONAL ALUMINIUM COMPANY LTD.	132185	64235	59283
SUB TOTAL :		144889	95423	96913
MINISTRY OF MINORITIES AFFAIRS				
126	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	3439	2909	4361
SUB TOTAL :		3439	2909	4361
MINISTRY OF NEW AND RENEWABLE ENERGY				
127	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	27191	24051	20265
128	SOLAR ENERGY CORPORATION OF INDIA	1060	-285	0
SUB TOTAL :		28251	23766	20265
MINISTRY OF PETROLEUM & NATURAL GAS				
129	BALMER LAWRIE & CO. LTD.	14744	15667	16277
130	BALMER LAWRIE INVESTMENTS LTD.	3569	3439	3112
131	BHARAT PETRO RESOURCES LTD.	-3429	-16617	-38264
132	BHARAT PETROLEUM CORPN. LTD.	508451	406088	264290
133	BIECCO LAWRIE LTD.	0	-1439	-1195
134	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	876	636	767
135	CHENNAI PETROLEUM CORPORATION LTD.	-3899	-30385	-176684
136	CREDA HPCL BIOFUEL LTD.	-507	-86	-310
137	ENGINEERS INDIA LTD.	30798	47976	62858
138	GAIL (INDIA) LTD.	303917	437527	402220
139	GAIL GAS LTD.	1684	1144	2694
140	HINDUSTAN PETROLEUM CORPN. LTD.	273326	173377	90471
141	HPCL BIOFUELS LTD.	-8437	-11588	-14722
142	INDIAN OIL CORPORATION LTD.	527303	701909	500517
143	INDIAN OIL-CREDA BIOFUELS LTD.	-1376	-346	0
144	MANGALORE REFINERY & PETROCHEMICALS LTD.	-171223	60118	-75691
145	NUMALIGARH REFINERY LTD.	71831	37109	14426
146	OIL & NATURAL GAS CORPORATION LTD.	1773295	2209481	2092570
147	OIL INDIA LTD.	251020	298130	358934
148	ONGC VIDESH LTD.	190422	444532	392914
149	PRIZE PETROLEUM COMPANY LTD.	208	-2281	-126
SUB TOTAL :		3762573	4774391	3895058
MINISTRY OF POWER				
150	KANTI BIJLEE UTPADAN NIGAM LTD.	1724	-54	-1291
151	NHDC LTD.	76646	106363	57564
152	NHPC LTD.	212447	97879	234822
153	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	31854	23152	24230
154	NTPC ELECTRIC SUPPLY COMPANY LTD.	126	1976	-2459

155	NTPC LTD.	1029086	1097474	1261939
156	NTPC VIDYUT VYAPAR NIGAM LTD.	4361	6023	-3484
157	PFC CAPITAL ADVISORY SERVICE LTD.	185	303	85
158	PFC CONSULTING LTD.	2170	2696	1638
159	PFC GREEN ENERGY LTD.	1891	1326	-40
160	POWER FINANCE CORPORATION LTD.	595933	541775	441960
161	POWER GRID CORPORATION OF INDIA LTD.	497917	449742	423450
162	POWER SYSTEM OPERATION CORPORATION LTD.	4804	6081	8565
163	REC POWER DISTRIBUTION CO. LTD.	3477	3300	1081
164	REC TRANSMISSION PROJECTS CO. LTD.	4754	2386	293
165	RURAL ELECTRIFICATION CORPN. LTD.	525987	468370	381762
166	SJVN LTD.	167675	111463	105234
167	THDC INDIA LTD.	69115	59532	53138
<b>SUB TOTAL :</b>		<b>3230152</b>	<b>2979787</b>	<b>2988487</b>
<b>MINISTRY OF RAILWAYS</b>				
168	BHARAT WAGON & ENGG. CO. LTD.	-1568	-667	-759
169	BRAITHWAITE & CO. LTD.	-4461	1043	715
170	BURN STANDARD COMPANY LTD.	-2466	-828	-1966
171	CONCOR AIR LTD.	1134	10	0
172	CONTAINER CORPORATION OF INDIA LTD.	104755	98476	94003
173	FRESH & HEALTHY ENTERPRISES LTD.	-1447	-3916	-948
174	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	13063	7201	5884
175	INDIAN RAILWAY FINANCE CORPORATION LTD.	75830	70069	52157
176	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	198	0	0
177	IRCON INFRASTRUCTURE & SERVICES LTD.	1093	766	192
178	IRCON INTERNATIONAL LTD.	57939	90650	72999
179	KONKAN RAILWAY CORPORATION LTD.	3939	1311	-23541
180	MUMBAI RAILWAY VIKAS CORPORATION LTD.	3657	2301	1224
181	RAIL VIKAS NIGAM LTD.	18572	15742	13555
182	RAILTEL CORPORATION INDIA LTD.	12094	13793	11159
183	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	22	0	0
184	rites INFRASTRUCTURE SERVICES LTD.	10	5	0
185	rites LTD.	30614	26361	24544
<b>SUB TOTAL :</b>		<b>312978</b>	<b>322317</b>	<b>249218</b>
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>				
<b>DEPT. OF BIOTECHNOLOGY</b>				
186	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	155	502	502
187	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	141	110	9
188	INDIAN VACCINE CORP. LTD.	-164	-165	65
<b>SUB TOTAL :</b>		<b>132</b>	<b>447</b>	<b>576</b>
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>				
<b>DEPT. OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b>				
189	CENTRAL ELECTRONICS LTD.	406	309	-241
190	NATIONAL RESEARCH DEVELOPMENT CORPN.	-76	-108	-172
<b>SUB TOTAL :</b>		<b>330</b>	<b>201</b>	<b>-413</b>

<b>MINISTRY OF SHIPPING</b>				
191	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	887	9545	-2393
192	COCHIN SHIPYARD LTD.	23507	19424	18527
193	DREDGING CORPN. OF INDIA LTD.	6241	3755	2051
194	HOOGHLY DOCK AND PORT ENGINEERS LTD.	248	10096	-3984
195	KAMARAJAR PORT LTD.	33657	31631	17337
196	SHIPPING CORPORATION OF INDIA LTD.	20093	-27466	-11431
<b>SUB TOTAL :</b>		<b>84633</b>	<b>46985</b>	<b>20107</b>
<b>MINISTRY OF SOCIAL JUSTICE &amp; EMPOWERMENT</b>				
<b>DEPARTMENT OF EMPOWERMENT OF PERSONS WITH DISABILITY</b>				
197	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	3165	3147	2351
198	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	3734	1985	2569
199	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	959	964	464
200	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	886	670	576
201	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	3614	3007	2518
<b>SUB TOTAL :</b>		<b>12358</b>	<b>9773</b>	<b>8478</b>
<b>MINISTRY OF STEEL</b>				
202	EASTERN INVESTMENT LTD.	-1272	9	147
203	FERRO SCRAP NIGAM LTD.	1710	842	196
204	HINDUSTAN STEELWORKS COSTN. LTD.	-810	-1867	-1981
205	J & K MINERAL DEVELOPMENT CORPN. LTD.	-80	-74	-96
206	KIOCL LTD.	3082	3994	3105
207	M S T C LTD.	9099	-7003	13073
208	MECON LTD.	2027	4948	10102
209	MOIL LTD.	42801	50956	43172
210	NMDC Ltd.	642186	642008	634237
211	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	1770	626	1286
212	RASHTRIYA ISPAT NIGAM LTD.	6238	36645	35283
213	SAIL REFRACTORY COMPANY LTD.	2423	1542	1018
214	STEEL AUTHORITY OF INDIA LTD.	209268	261648	217035
215	THE BISRA STONE LIME COMPANY LTD.	-2727	-1876	-1814
<b>SUB TOTAL :</b>		<b>915715</b>	<b>992398</b>	<b>954763</b>
<b>MINISTRY OF TEXTILES</b>				
216	BIRDS JUTE & EXPORTS LTD.	-585	-265	-865
217	BRITISH INDIA CORPORATION LTD.	-9494	-9261	-8278
218	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	93	13	25
219	COTTON CORPN. OF INDIA LTD.	2259	5984	3270
220	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	340	169	249
221	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2540	1203	697
222	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	-49	-655	-1600
223	NATIONAL TEXTILE CORPN. LTD.	-31625	-17571	8512
224	THE JUTE CORPN. OF INDIA LTD.	1055	987	1337
<b>SUB TOTAL :</b>		<b>-35466</b>	<b>-19396</b>	<b>3347</b>
<b>MINISTRY OF TOURISM</b>				
225	ASSAM ASHOK HOTEL CORPN. LTD.	-119	35	-22
226	DONYI POLO ASHOK HOTEL LTD.	-3	23	4
227	INDIA TOURISM DEV. CORPN. LTD.	3437	942	300

228	KUMARAKRUPPA FRONTIER HOTELS LTD.	600	582	533
229	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	5	73	64
230	PONDICHERRY ASHOK HOTEL CORPN. LTD.	-31	-33	-30
231	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-107	-82	-95
232	UTKAL ASHOK HOTEL CORPN. LTD.	-70	-59	-61
<b>SUB TOTAL :</b>		<b>3712</b>	<b>1481</b>	<b>693</b>
<b>MINISTRY OF TRIBAL AFFAIRS</b>				
233	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2209	1838	674
<b>SUB TOTAL :</b>		<b>2209</b>	<b>1838</b>	<b>674</b>
<b>MINISTRY OF URBAN DEVELOPMENT</b>				
234	NATIONAL BLDG. CONSTN. CORPN. LTD.	27730	24714	20750
<b>SUB TOTAL :</b>		<b>27730</b>	<b>24714</b>	<b>20750</b>
<b>MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT &amp; GANGA REJUVENATION</b>				
235	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1359	4706	5097
236	WAPCOS LTD.	7293	6702	5732
<b>SUB TOTAL :</b>		<b>8652</b>	<b>11408</b>	<b>10829</b>
<b>DEPT. OF ATOMIC ENERGY</b>				
237	ELECTRONICS CORPN. OF INDIA LTD.	5018	4739	2588
238	INDIAN RARE EARTHS LTD.	67	4678	15659
239	NUCLEAR POWER CORPN. OF INDIA LTD.	220075	229920	210099
240	URANIUM CORPORATION OF INDIA LTD.	818	1069	9079
<b>SUB TOTAL :</b>		<b>225978</b>	<b>240406</b>	<b>237425</b>
<b>DEPT. OF SPACE</b>				
241	ANTRIX CORPORATION LTD.	20510	20050	17707
<b>SUB TOTAL :</b>		<b>20510</b>	<b>20050</b>	<b>17707</b>
<b>GRAND TOTAL :</b>		<b>10300268</b>	<b>12829517</b>	<b>11498143</b>

**STATEMENT - 2**  
**DIVIDEND DECLARED BY CPSEs (COGNATE GROUP WISE)**

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2014-15	2013-14	2012-13
	<b>AGRO BASED INDUSTRIES</b>			
1	NATIONAL SEEDS CORPN. LTD.	813	206	412
2	STATE FARMS CORPORATION OF INDIA LTD.	0	0	236
	<b>SUB TOTAL :</b>	<b>813</b>	<b>206</b>	<b>648</b>
	<b>COAL</b>			
3	CENTRAL COALFIELDS LTD.	35474	100305	113137
4	COAL INDIA LTD.	1307488	1831746	884291
5	MAHANADI COALFIELDLS LTD.	384182	598316	252945
6	NORTHERN COALFIELDS LTD.	456399	213684	160928
7	SOUTH EASTERN COALFIELDS LTD.	338077	286338	257941
8	WESTERN COALFIELDS LTD.	18806	13429	19460
	<b>SUB TOTAL :</b>	<b>2540426</b>	<b>3043818</b>	<b>1688702</b>
	<b>CRUDE OIL</b>			
9	OIL & NATURAL GAS CORPORATION LTD.	812772	812772	812772
10	OIL INDIA LTD.	120228	129245	180341
	<b>SUB TOTAL :</b>	<b>933000</b>	<b>942017</b>	<b>993113</b>
	<b>OTHER MINERALS &amp; METALS</b>			
11	EASTERN INVESTMENT LTD.	0	1	22
12	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	936	931	572
13	HINDUSTAN COPPER LTD.	1388	9252	9252
14	INDIAN RARE EARTHS LTD.	1727	1727	3200
15	KIOCL LTD.	635	825	635
16	MOIL LTD.	14280	12600	9240
17	NATIONAL ALUMINIUM COMPANY LTD.	45102	38659	32215
18	NMDC Ltd.	338983	337001	277530
19	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	266	62	193
20	URANIUM CORPORATION OF INDIA LTD.	164	214	1815
	<b>SUB TOTAL :</b>	<b>403481</b>	<b>401272</b>	<b>334674</b>
	<b>STEEL</b>			
21	FERRO SCRAP NIGAM LTD.	342	168	40
22	MISHRA DHATU NIGAM LTD.	3747	3747	3747
23	RASHTRIYA ISPAT NIGAM LTD.	2535	8260	13657
24	SAIL REFRACTORY COMPANY LTD.	480	300	0
25	STEEL AUTHORITY OF INDIA LTD.	82610	83435	82610
	<b>SUB TOTAL :</b>	<b>89714</b>	<b>95910</b>	<b>100054</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>			
26	BHARAT PETROLEUM CORPN. LTD.	162694	122924	79539
27	GAIL (INDIA) LTD.	76108	131921	121774
28	HINDUSTAN PETROLEUM CORPN. LTD.	82964	52487	28783
29	INDIAN OIL CORPORATION LTD.	160245	211232	150533
30	NUMALIGARH REFINERY LTD.	29425	11770	7356
	<b>SUB TOTAL :</b>	<b>511436</b>	<b>530334</b>	<b>387985</b>
	<b>FERTILIZERS</b>			
31	NATIONAL FERTILIZERS LTD.	834	0	0
32	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	9930	8275	8275
	<b>SUB TOTAL :</b>	<b>10764</b>	<b>8275</b>	<b>8275</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>			
33	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	189	155	108



	<b>SUB TOTAL :</b>	<b>189</b>	<b>155</b>	<b>108</b>
	<b>HEAVY ENGINEERING</b>			
34	BHARAT BHARI UDYOG NIGAM LTD.	0	300	0
35	BHARAT HEAVY ELECTRICALS LTD.	28392	69268	132300
	<b>SUB TOTAL :</b>	<b>28392</b>	<b>69568</b>	<b>132300</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>			
36	ANDREW YULE & COMPANY LTD.	334	0	0
37	BALMER LAWRIE & CO. LTD.	5130	5130	5016
38	BHARAT DYNAMICS LTD.	8371	6910	5768
39	BHARAT ELECTRONICS LTD.	23360	18640	17840
40	ELECTRONICS CORPN. OF INDIA LTD.	1004	948	647
41	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	204	209	209
	<b>SUB TOTAL :</b>	<b>38403</b>	<b>31837</b>	<b>29480</b>
	<b>TRANSPORTATION EQUIPMENT</b>			
42	BEML LTD.	416	416	1041
43	COCHIN SHIPYARD LTD.	1699	1699	1699
44	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2477	2477	2631
45	GOA SHIPYARD LTD.	1571	0	582
46	HINDUSTAN AERONAUTICS LTD.	48000	89000	82370
47	MAZAGON DOCK SHIPBUILDERS LTD.	10000	10000	10000
	<b>SUB TOTAL :</b>	<b>64163</b>	<b>103592</b>	<b>98323</b>
	<b>CONSUMER GOODS</b>			
48	HLL LIFECARE LTD.	387	387	387
49	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	0	4293	8469
	<b>SUB TOTAL :</b>	<b>387</b>	<b>4680</b>	<b>8856</b>
	<b>POWER GENERATION</b>			
50	NEYVELI LIGNITE CORPN. LTD.	46976	46976	46976
51	NHDC LTD.	23158	79288	5888
52	NHPC LTD.	66427	33213	73805
53	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	9556	6946	7269
54	NTPC LTD.	206138	474115	474116
55	NUCLEAR POWER CORPN. OF INDIA LTD.	63913	68977	63030
56	REC POWER DISTRIBUTION CO. LTD.	50	25	5
57	SJVN LTD.	43435	40539	39712
58	THDC INDIA LTD.	14000	0	0
	<b>SUB TOTAL :</b>	<b>473653</b>	<b>750079</b>	<b>710801</b>
	<b>POWER TRANSMISSION</b>			
59	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	600	0
60	POWER GRID CORPORATION OF INDIA LTD.	104632	134976	127318
61	REC TRANSMISSION PROJECTS CO. LTD.	951	10	10
	<b>SUB TOTAL :</b>	<b>105583</b>	<b>135586</b>	<b>127328</b>
	<b>TRADING &amp; MARKETING</b>			
62	ANTRIX CORPORATION LTD.	4112	4010	3542
63	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	19	3	5
64	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	608	608	406
65	CENTRAL WAREHOUSING CORPN.	3671	3263	2787
66	COTTON CORPN. OF INDIA LTD.	500	500	655
67	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	35	34	0
68	HMT (INTERNATIONAL) LTD.	14	7	14
69	M M T C LTD.	2500	1500	1000
70	M S T C LTD.	1822	0	2640
71	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	511	241	141

72	NTPC VIDYUT VYAPAR NIGAM LTD.	2000	0	0
73	P E C LTD.	0	0	1500
74	STATE TRADING CORPN. OF INDIA LTD.	0	0	1200
<b>SUB TOTAL :</b>		<b>15792</b>	<b>10166</b>	<b>13890</b>
	<b>TRANSPORT SERVICES</b>			
75	AIRPORTS AUTHORITY OF INDIA	39185	28800	14700
76	CONTAINER CORPORATION OF INDIA LTD.	26127	23982	22747
77	DREDGING CORPN. OF INDIA LTD.	840	840	560
78	KAMARAJAR PORT LTD.	9600	9600	6000
79	PAWAN HANS LTD.	776	771	234
<b>SUB TOTAL :</b>		<b>76528</b>	<b>63993</b>	<b>44241</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>			
80	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	405	405
81	BRIDGE & ROOF CO.(INDIA) LTD.	137	275	275
82	IRCON INTERNATIONAL LTD.	18212	18212	14847
83	MINERAL EXPLORATION CORPN. LTD.	1195	514	413
84	NATIONAL BLDG. CONSTN. CORPN. LTD.	6600	6000	4500
85	PROJECTS & DEVELOPMENT INDIA LTD.	0	173	381
86	RAIL VIKAS NIGAM LTD.	3720	3150	2700
<b>SUB TOTAL :</b>		<b>29864</b>	<b>28729</b>	<b>23521</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONULTANCY SERVICES</b>			
87	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	450	400	400
88	EdCIL(India) Ltd.	200	200	200
89	ENGINEERING PROJECTS (INDIA) LTD.	708	708	708
90	ENGINEERS INDIA LTD.	16847	21901	20216
91	HSCC (INDIA) LTD.	492	492	468
92	MECON LTD.	909	972	1035
93	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1702	1519	1247
94	POWER SYSTEM OPERATION CORPORATION LTD.	1992	2604	1226
95	MITES LTD.	6200	5300	5000
96	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	258	103	102
97	WAPCOS LTD.	1650	1500	1200
<b>SUB TOTAL :</b>		<b>31408</b>	<b>35699</b>	<b>31802</b>
	<b>TOURIST SERVICES</b>			
98	INDIA TOURISM DEV. CORPN. LTD.	1715	429	0
99	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2613	1440	1177
<b>SUB TOTAL :</b>		<b>4328</b>	<b>1869</b>	<b>1177</b>
	<b>FINANCIAL SERVICES</b>			
100	BALMER LAWRIE INVESTMENTS LTD.	2775	2664	2442
101	E. C. G. C. LTD.	4800	8800	6000
102	HOUSING & URBAN DEV. CORPN. LTD.	10001	10001	15000
103	INDIA INFRASTRUCTURE FINANCE CO. LTD.	28254	0	22113
104	INDIAN RAILWAY FINANCE CORPORATION LTD.	15200	14014	11000
105	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	5440	3500	2750
106	KUMARAKRUPPA FRONTIER HOTELS LTD.	439	439	390
107	POWER FINANCE CORPORATION LTD.	120124	118804	92401
108	RURAL ELECTRIFICATION CORPN. LTD.	105658	93809	81465
<b>SUB TOTAL :</b>		<b>292691</b>	<b>252031</b>	<b>233561</b>
	<b>TELECOMMUNICATION SERVICES</b>			
109	RAILTEL CORPORATION INDIA LTD.	1700	1700	1500
<b>SUB TOTAL :</b>		<b>1700</b>	<b>1700</b>	<b>1500</b>
<b>GRAND TOTAL :</b>		<b>5652715</b>	<b>6511516</b>	<b>4970339</b>

**STATEMENT - 3**  
**NET PROFIT OF PROFIT MAKING CPSEs (COGNATE GROUP WISE )**

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2014-15	2013-14	2012-13
	<b>AGRO BASED INDUSTRIES</b>			
1	NATIONAL SEEDS CORPN. LTD.	3884	5407	4430
	<b>SUB TOTAL :</b>	<b>3884</b>	<b>5407</b>	<b>4430</b>
	<b>COAL</b>			
2	BHARAT COKING COAL LTD.	76314	171435	149880
3	CENTRAL COALFIELDS LTD.	177061	167176	188561
4	COAL INDIA LTD.	1338339	1500854	979432
5	EASTERN COALFIELDS LTD.	113940	87223	165554
6	MAHANADI COALFIELDLS LTD.	355410	362430	421244
7	NORTHERN COALFIELDS LTD.	213417	200802	268213
8	SOUTH EASTERN COALFIELDS LTD.	365993	477230	429903
9	WESTERN COALFIELDS LTD.	31314	22358	32430
	<b>SUB TOTAL :</b>	<b>2671788</b>	<b>2989508</b>	<b>2635217</b>
	<b>CRUDE OIL</b>			
10	OIL & NATURAL GAS CORPORATION LTD.	1773295	2209481	2092570
11	OIL INDIA LTD.	251020	298130	358934
12	ONGC VIDESH LTD.	190422	444532	392914
13	PRIZE PETROLEUM COMPANY LTD.	208	-2281	-126
	<b>SUB TOTAL :</b>	<b>2214945</b>	<b>2949862</b>	<b>2844292</b>
	<b>OTHER MINERALS &amp; METALS</b>			
14	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	3537	3046	2849
15	HINDUSTAN COPPER LTD.	6760	28642	35564
16	INDIAN RARE EARTHS LTD.	67	4678	15659
17	KIOCL LTD.	3082	3994	3105
18	MOIL LTD.	42801	50956	43172
19	NATIONAL ALUMINIUM COMPANY LTD.	132185	64235	59283
20	NMDC Ltd.	642186	642008	634237
21	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	1770	626	1286
22	URANIUM CORPORATION OF INDIA LTD.	818	1069	9079
	<b>SUB TOTAL :</b>	<b>833206</b>	<b>799254</b>	<b>804234</b>
	<b>STEEL</b>			
23	FERRO SCRAP NIGAM LTD.	1710	842	196
24	MISHRA DHATU NIGAM LTD.	10213	8246	8252
25	RASHTRIYA ISPAT NIGAM LTD.	6238	36645	35283
26	SAIL REFRACTORY COMPANY LTD.	2423	1542	1018
27	STEEL AUTHORITY OF INDIA LTD.	209268	261648	217035
	<b>SUB TOTAL :</b>	<b>229852</b>	<b>308923</b>	<b>261784</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>			
28	BHARAT PETROLEUM CORPN. LTD.	508451	406088	264290
29	GAIL (INDIA) LTD.	303917	437527	402220
30	GAIL GAS LTD.	1684	1144	2694
31	HINDUSTAN PETROLEUM CORPN. LTD.	273326	173377	90471
32	INDIAN OIL CORPORATION LTD.	527303	701909	500517
33	NUMALIGARH REFINERY LTD.	71831	37109	14426
	<b>SUB TOTAL :</b>	<b>1686512</b>	<b>1757154</b>	<b>1274618</b>
	<b>FERTILIZERS</b>			
34	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	64612	-15829	-3264

35	FERTILIZER CORPN. OF INDIA LTD.	19098	6	1077808
36	NATIONAL FERTILIZERS LTD.	2624	-8971	-17073
37	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	32206	24989	28090
<b>SUB TOTAL :</b>		<b>118540</b>	<b>195</b>	<b>1085561</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>			
38	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	155	502	502
39	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	180	299	0
40	HINDUSTAN INSECTICIDES LTD.	160	185	292
41	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1106	776	1129
42	ORISSA DRUGS & CHEMICALS LTD.	135	49	90
<b>SUB TOTAL :</b>		<b>1736</b>	<b>1811</b>	<b>2013</b>
	<b>HEAVY ENGINEERING</b>			
43	BHARAT BHARI UDYOG NIGAM LTD.	92	436	36
44	BHARAT HEAVY ELECTRICALS LTD.	141929	346078	661473
<b>SUB TOTAL :</b>		<b>142021</b>	<b>346514</b>	<b>661509</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>			
45	ANDREW YULE & COMPANY LTD.	1296	2229	1135
46	BALMER LAWRIE & CO. LTD.	14744	15667	16277
47	BEL OPTRONICS DEVICES LTD.	367	496	576
48	BHARAT DYNAMICS LTD.	41857	34551	28840
49	BHARAT ELECTRONICS LTD.	116724	93162	88983
50	CENTRAL ELECTRONICS LTD.	406	309	-241
51	ELECTRONICS CORPN. OF INDIA LTD.	5018	4739	2588
52	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1445	1358	2637
53	SCOOTERS INDIA LTD.	1109	1360	-600
<b>SUB TOTAL :</b>		<b>182966</b>	<b>153871</b>	<b>140195</b>
	<b>TRANSPORTATION EQUIPMENT</b>			
54	BEML LTD.	676	468	-7987
55	COCHIN SHIPYARD LTD.	23507	19424	18527
56	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	4345	12146	13154
57	GOA SHIPYARD LTD.	7824	-6109	1550
58	HINDUSTAN AERONAUTICS LTD.	238805	269252	299691
59	HOOGHLY DOCK AND PORT ENGINEERS LTD.	248	10096	-3984
60	MAZAGON DOCK SHIPBUILDERS LTD.	49159	39761	41272
<b>SUB TOTAL :</b>		<b>324564</b>	<b>345038</b>	<b>362223</b>
	<b>CONSUMER GOODS</b>			
61	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	3165	3147	2351
62	CEMENT CORPN. OF INDIA LTD.	4008	1620	811
63	HLL LIFECARE LTD.	3155	2572	3007
64	HOOGHLY PRINTING COMPANY LTD.	7	10	8
<b>SUB TOTAL :</b>		<b>10335</b>	<b>7349</b>	<b>6177</b>
	<b>POWER GENERATION</b>			
65	KANTI BIJLEE UTPADAN NIGAM LTD.	1724	-54	-1291
66	NEYVELI LIGNITE CORPN. LTD.	157968	150188	145975
67	NHDC LTD.	76646	106363	57564
68	NHPC LTD.	212447	97879	234822
69	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	31854	23152	24230
70	NTPC LTD.	1029086	1097474	1261939
71	NUCLEAR POWER CORPN. OF INDIA LTD.	220075	229920	210099
72	REC POWER DISTRIBUTION CO. LTD.	3477	3300	1081
73	SJVN LTD.	167675	111463	105234

74	THDC INDIA LTD.	69115	59532	53138
<b>SUB TOTAL :</b>		<b>1970067</b>	<b>1879217</b>	<b>2092791</b>
	<b>POWER TRANSMISSION</b>			
75	NTPC ELECTRIC SUPPLY COMPANY LTD.	126	1976	-2459
76	POWER GRID CORPORATION OF INDIA LTD.	497917	449742	423450
77	REC TRANSMISSION PROJECTS CO. LTD.	4754	2386	293
<b>SUB TOTAL :</b>		<b>502797</b>	<b>454104</b>	<b>421284</b>
	<b>TRADING &amp; MARKETING</b>			
78	ANTRIX CORPORATION LTD.	20510	20050	17707
79	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	93	13	25
80	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1386	1764	1647
81	CENTRAL WAREHOUSING CORPN.	18212	16105	13955
82	COTTON CORPN. OF INDIA LTD.	2259	5984	3270
83	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	340	169	249
84	HMT (INTERNATIONAL) LTD.	52	10	448
85	INDIA TRADE PROMOTION ORGANISATION	20785	18001	15229
86	KARNATAKA TRADE PROMOTION ORGANISATION	1246	464	574
87	M M T C LTD.	4791	1864	-7062
88	M S T C LTD.	9099	-7003	13073
89	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2540	1203	697
90	NTPC VIDYUT VYAPAR NIGAM LTD.	4361	6023	-3484
91	STATE TRADING CORPN. OF INDIA LTD.	2619	-49220	1795
92	TAMIL NADU TRADE PROMOTION ORGANISATION	2343	2748	2167
93	THE JUTE CORPN. OF INDIA LTD.	1055	987	1337
<b>SUB TOTAL :</b>		<b>91691</b>	<b>19162</b>	<b>61627</b>
	<b>TRANSPORT SERVICES</b>			
94	AIR INDIA AIR TRANSPORT SERVICES LTD.	6759	219	51
95	AIRPORTS AUTHORITY OF INDIA	195922	144106	73500
96	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	887	9545	-2393
97	CONCOR AIR LTD.	1134	10	0
98	CONTAINER CORPORATION OF INDIA LTD.	104755	98476	94003
99	DREDGING CORPN. OF INDIA LTD.	6241	3755	2051
100	KAMARAJAR PORT LTD.	33657	31631	17337
101	PAWAN HANS LTD.	3881	3857	1170
102	SHIPPING CORPORATION OF INDIA LTD.	20093	-27466	-11431
<b>SUB TOTAL :</b>		<b>373329</b>	<b>264133</b>	<b>174288</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>			
103	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	4823	4412	4208
104	BRIDGE & ROOF CO.(INDIA) LTD.	1200	1061	3840
105	HINDUSTAN PREFAB LTD.	528	47	-370
106	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	198	0	0
107	IRCON INFRASTRUCTURE & SERVICES LTD.	1093	766	192
108	IRCON INTERNATIONAL LTD.	57939	90650	72999
109	KONKAN RAILWAY CORPORATION LTD.	3939	1311	-23541
110	MINERAL EXPLORATION CORPN. LTD.	5944	2546	2066
111	MUMBAI RAILWAY VIKAS CORPORATION LTD.	3657	2301	1224
112	NATIONAL BLDG. CONSTN. CORPN. LTD.	27730	24714	20750
113	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1359	4706	5097
114	RAIL VIKAS NIGAM LTD.	18572	15742	13555
<b>SUB TOTAL :</b>		<b>126982</b>	<b>148256</b>	<b>100020</b>



	<b>INDUSTRIAL DEVELOPMENT &amp; TECH. CONSULTANCY SERVICES</b>			
115	AGRINNOVATE INDIA LTD.	289	0	0
116	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2504	1957	2505
117	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	876	636	767
118	EdCIL (India) Ltd.	509	873	526
119	ENGINEERING PROJECTS (INDIA) LTD.	2709	1699	2146
120	ENGINEERS INDIA LTD.	30798	47976	62858
121	HSCC (INDIA) LTD.	2454	2398	2257
122	MECON LTD.	2027	4948	10102
123	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	5255	3610	2704
124	NATIONAL SMALL INDUSTRIES CORPN. LTD.	8860	7594	6235
125	PFC CAPITAL ADVISORY SERVICE LTD.	185	303	85
126	PFC CONSULTING LTD.	2170	2696	1638
127	POWER SYSTEM OPERATION CORPORATION LTD.	4804	6081	8565
128	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	22	0	0
129	MITES INFRASTRUCTURE SERVICES LTD.	10	5	0
130	MITES LTD.	30614	26361	24544
131	SOLAR ENERGY CORPORATION OF INDIA	1060	-285	0
132	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2137	1475	1576
133	WAPCOS LTD.	7293	6702	5732
	<b>SUB TOTAL :</b>	<b>104576</b>	<b>115029</b>	<b>132240</b>
	<b>TOURIST SERVICES</b>			
134	INDIA TOURISM DEV. CORPN. LTD.	3437	942	300
135	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	13063	7201	5884
136	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	5	73	64
	<b>SUB TOTAL :</b>	<b>16505</b>	<b>8216</b>	<b>6248</b>
	<b>FINANCIAL SERVICES</b>			
137	BALMER LAWRIE INVESTMENTS LTD.	3569	3439	3112
138	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	141	110	9
139	DELHI POLICE HOUSING CORPORATION LTD.	109	89	90
140	E. C. G. C. LTD.	18010	36070	24279
141	HOUSING & URBAN DEV. CORPN. LTD.	77763	72634	70056
142	INDIA INFRASTRUCTURE FINANCE CO. LTD.	75340	52142	104699
143	INDIAN RAILWAY FINANCE CORPORATION LTD.	75830	70069	52157
144	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	27191	24051	20265
145	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	642	852	885
146	KUMARAKRUPPA FRONTIER HOTELS LTD.	600	582	533
147	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3734	1985	2569
148	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	959	964	464
149	NATIONAL MINORITIES DEVPT. & FINANCE CORPORATION	3439	2909	4361
150	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	886	670	576
151	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	3614	3007	2518
152	NATIONAL SCHEDULED TRIBES FINANCE & DEVPT. CORPN.	2209	1838	674
153	PFC GREEN ENERGY LTD.	1891	1326	-40
154	POWER FINANCE CORPORATION LTD.	595933	541775	441960
155	RURAL ELECTRIFICATION CORPN. LTD.	525987	468370	381762
	<b>SUB TOTAL :</b>	<b>1417847</b>	<b>1282882</b>	<b>1110929</b>
	<b>TELECOMMUNICATION SERVICES</b>			
156	MILLENNIUM TELECOM LTD.	13	-17	-20
157	RAILTEL CORPORATION INDIA LTD.	12094	13793	11159
	<b>SUB TOTAL :</b>	<b>12107</b>	<b>13776</b>	<b>11139</b>
	<b>GRAND TOTAL :</b>	<b>13036250</b>	<b>13849661</b>	<b>14192819</b>

**STATEMENT - 4**  
**NET LOSS (-) OF LOSS MAKING CPSEs (COGNATE GROUP WISE)**

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2014-15	2013-14	2012-13
	<b>AGRO BASED INDUSTRIES</b>			
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	-4509	-4020	-3571
2	CREDA HPCL BIOFUEL LTD.	-507	-86	-310
3	HPCL BIOFUELS LTD.	-8437	-11588	-14722
4	INDIAN OIL-CREDA BIOFUELS LTD.	-1376	-346	0
	<b>SUB TOTAL :</b>	<b>-14829</b>	<b>-16040</b>	<b>-18603</b>
	<b>CRUDE OIL</b>			
5	BHARAT PETRO RESOURCES LTD.	-3429	-16617	-38264
	<b>SUB TOTAL :</b>	<b>-3429</b>	<b>-16617</b>	<b>-38264</b>
	<b>OTHER MINERALS &amp; METALS</b>			
6	EASTERN INVESTMENT LTD.	-1272	9	147
7	J & K MINERAL DEVELOPMENT CORPN. LTD.	-80	-74	-96
8	THE BISRA STONE LIME COMPANY LTD.	-2727	-1876	-1814
	<b>SUB TOTAL :</b>	<b>-4079</b>	<b>-1941</b>	<b>-1763</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>			
9	CHENNAI PETROLEUM CORPORATION LTD.	-3899	-30385	-176684
10	MANGALORE REFINERY & PETROCHEMICALS LTD.	-171223	60118	-75691
	<b>SUB TOTAL :</b>	<b>-175122</b>	<b>29733</b>	<b>-252375</b>
	<b>FERTILIZERS</b>			
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-39991	-26495	-35396
12	HINDUSTAN FERTILIZER CORPN. LTD.	-38075	-38050	-38053
13	MADRAS FERTILIZERS LTD.	-13469	10004	2444
	<b>SUB TOTAL :</b>	<b>-91535</b>	<b>-54541</b>	<b>-71005</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>			
14	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	-1732	-3655	-1794
15	HINDUSTAN ANTIBIOTICS LTD.	-8963	-8423	-6937
16	HINDUSTAN FLUOROCARBONS LIMITED	-377	-2482	95
17	HINDUSTAN ORGANIC CHEMICALS LTD.	-21549	-17685	-13799
18	HLL BIOTECH LTD.	-7	0	0
19	INDIAN DRUGS & PHARMACEUTICALS LTD.	-16721	-17463	-23958
20	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	-14	241	446
21	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-1976	-1940	80
	<b>SUB TOTAL :</b>	<b>-51339</b>	<b>-51407</b>	<b>-45867</b>
	<b>HEAVY ENGINEERING</b>			
22	BHARAT WAGON & ENGG. CO. LTD.	-1568	-667	-759
23	BHEL ELECTRICAL MACHINES LTD.	-396	-106	-55
24	BRAITHWAITE & CO. LTD.	-4461	1043	715
25	BURN STANDARD COMPANY LTD.	-2466	-828	-1966
26	HEAVY ENGINEERING CORPN. LTD.	-24169	29931	2038
27	TUNGABHADRA STEEL PRODUCTS LTD.	-2887	-3191	-3115
	<b>SUB TOTAL :</b>	<b>-35947</b>	<b>26182</b>	<b>-3142</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>			
28	BHARAT PUMPS & COMPRESSORS LTD.	-5482	-524	-2791
29	HINDUSTAN CABLES LTD.	-93299	-78188	-88505

30	HMT BEARINGS LTD.	-1777	-1598	-207
31	HMT CHINAR WATCHES LTD.	-4905	-5116	-5116
32	HMT LTD.	-9657	8721	-14537
33	HMT MACHINE TOOLS LTD.	-13494	-5266	-4365
34	HMT WATCHES LTD.	-25920	-23307	-24248
35	I T I LTD.	-29712	-34426	-18206
36	IDPL (TAMILNADU) LTD.	-234	-234	-341
37	INSTRUMENTATION LTD.	-14154	-6861	-5409
38	RICHARDSON & CRUDDAS(1972) LTD.	-365	-383	-2949
39	VIGNYAN INDUSTRIES LTD.	-22	-97	-271
SUB TOTAL :		-199021	-147279	-166945
	<b>TRANSPORTATION EQUIPMENT</b>			
40	HINDUSTAN SHIPYARD LTD.	-20284	-4621	-5517
SUB TOTAL :		-20284	-4621	-5517
	<b>CONSUMER GOODS</b>			
41	HINDUSTAN NEWSPRINT LTD.	-781	-886	-1809
42	HINDUSTAN PAPER CORPORATION LTD.	-2508	-11850	-15187
43	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-216436	-182042	-156059
44	HINDUSTAN SALTS LTD.	-495	11	74
45	NAGALAND PULP & PAPER COMPANY LTD.	-1538	-1473	-1458
46	NEPA LTD.	-4871	30886	-8408
47	SAMBHAR SALTS LTD.	-983	44	30
48	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	-35207	21463	42349
SUB TOTAL :		-262819	-143847	-140468
	<b>TEXTILES</b>			
49	BIRDS JUTE & EXPORTS LTD.	-585	-265	-865
50	BRITISH INDIA CORPORATION LTD.	-9494	-9261	-8278
51	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	-49	-655	-1600
52	NATIONAL TEXTILE CORPN. LTD.	-31625	-17571	8512
SUB TOTAL :		-41753	-27752	-2231
	<b>TRADING &amp; MARKETING</b>			
53	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-440	-232	-150
54	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-589	-444	-282
55	P E C LTD.	-20854	71	9696
56	STCL LTD.	-41259	-35252	-29612
SUB TOTAL :		-63142	-35857	-20348
	<b>TRANSPORT SERVICES</b>			
57	AIR INDIA CHARTERS LTD.	-6103	-34532	-35116
58	AIR INDIA ENGINEERING SERVICES LTD.	-38950	0	0
59	AIR INDIA LTD.	-585991	-627960	-549016
60	AIRLINE ALLIED SERVICES LTD.	-18403	-22122	-13339
61	FRESH & HEALTHY ENTERPRISES LTD.	-1447	-3916	-948
SUB TOTAL :		-650894	-688530	-598419
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>			
62	HINDUSTAN STEELWORKS COSTN. LTD.	-810	-1867	-1981
63	PROJECTS & DEVELOPMENT INDIA LTD.	-586	132	1071
SUB TOTAL :		-1396	-1735	-910
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>			
64	BROADCAST ENGG. CONSULTANTS INDIA LTD.	-139	12	-788

65	NATIONAL RESEARCH DEVELOPMENT CORPN.	-76	-108	-172
SUB TOTAL :		-215	-96	-960
	TOURIST SERVICES			
66	ASSAM ASHOK HOTEL CORPN. LTD.	-119	35	-22
67	DONYI POLO ASHOK HOTEL LTD.	-3	23	4
68	HOTEL CORPN. OF INDIA LTD.	-5046	-4047	-3562
69	PONDICHERRY ASHOK HOTEL CORPN. LTD.	-31	-33	-30
70	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-107	-82	-95
71	UTKAL ASHOK HOTEL CORPN. LTD.	-70	-59	-61
SUB TOTAL :		-5376	-4163	-3766
	FINANCIAL SERVICES			
72	INDIAN VACCINE CORP. LTD.	-164	-165	65
73	NATIONAL FILM DEV. CORPN. LTD.	-919	-321	635
SUB TOTAL :		-1083	-486	700
	TELECOMMUNICATION SERVICES			
74	BHARAT BROADBAND NETWORK LTD.	-29	178	0
75	BHARAT SANCHAR NIGAM LTD.	-823409	-701976	-788444
76	MAHANAGAR TELEPHONE NIGAM LTD.	-289339	782513	-532112
77	TCIL BINA TOLL ROAD LTD.	-942	0	0
SUB TOTAL :		-1113719	80715	-1320556
GRAND TOTAL :		-2735982	-1058282	-2690439

## STATEMENT - 5

### CASH LOSS (-) OF LOSS MAKING CPSEs DURING 2014-15

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	2014-15	2013-14	2012-13
	<b>AGRO BASED INDUSTRIES</b>			
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	-4477	-3996	-3538
2	CREDA HPCL BIOFUEL LTD.	-498	-83	-307
3	HPCL BIOFUELS LTD.	-5598	-8419	-10181
4	INDIAN OIL-CREDA BIOFUELS LTD.	-1376	-345	1
	<b>SUB TOTAL :</b>	<b>-11949</b>	<b>-12843</b>	<b>-14025</b>
	<b>CRUDE OIL</b>			
5	BHARAT PETRO RESOURCES LTD.	-3342	-16482	-38128
	<b>SUB TOTAL :</b>	<b>-3342</b>	<b>-16482</b>	<b>-38128</b>
	<b>OTHER MINERALS &amp; METALS</b>			
6	EASTERN INVESTMENT LTD.	-1271	9	147
7	J & K MINERAL DEVELOPMENT CORPN. LTD.	-56	-50	-72
8	THE BISRA STONE LIME COMPANY LTD.	-2684	-1794	-1729
	<b>SUB TOTAL :</b>	<b>-4011</b>	<b>-1835</b>	<b>-1654</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>			
9	MANGALORE REFINERY & PETROCHEMICALS LTD.	-121362	130760	-15250
	<b>SUB TOTAL :</b>	<b>-121362</b>	<b>130760</b>	<b>-15250</b>
	<b>FERTILIZERS</b>			
10	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-37971	-21969	-30673
11	HINDUSTAN FERTILIZER CORPN. LTD.	-38054	-38033	-38035
12	MADRAS FERTILIZERS LTD.	-11708	14245	6617
	<b>SUB TOTAL :</b>	<b>-87733</b>	<b>-45757</b>	<b>-62091</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>			
13	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	-1371	-3321	-1574
14	HINDUSTAN ANTIBIOTICS LTD.	-8498	-7946	-6449
15	HINDUSTAN FLUOROCARBONS LIMITED	-267	-2367	263
16	HINDUSTAN ORGANIC CHEMICALS LTD.	-20655	-15843	-11567
17	INDIAN DRUGS & PHARMACEUTICALS LTD.	-16586	-17337	-23847
18	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-1820	-1840	154
	<b>SUB TOTAL :</b>	<b>-49197</b>	<b>-48654</b>	<b>-43020</b>
	<b>HEAVY ENGINEERING</b>			
19	BHARAT WAGON & ENGG. CO. LTD.	-1500	-604	-699
20	BHEL ELECTRICAL MACHINES LTD.	-294	-12	45
21	BRAITHWAITE & CO. LTD.	-4172	1241	894
22	BURN STANDARD COMPANY LTD.	-2072	-313	-1470
23	HEAVY ENGINEERING CORPN. LTD.	-23160	30585	2632
24	TUNGABHADRA STEEL PRODUCTS LTD.	-2849	-3136	-3060
	<b>SUB TOTAL :</b>	<b>-34047</b>	<b>27761</b>	<b>-1658</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>			
25	BHARAT PUMPS & COMPRESSORS LTD.	-4777	-39	-2297
26	HINDUSTAN CABLES LTD.	-92652	-77669	-87787
27	HMT BEARINGS LTD.	-1761	-1583	-178
28	HMT CHINAR WATCHES LTD.	-4891	-5105	-5105



29	HMT LTD.	-9386	9061	-14182
30	HMT MACHINE TOOLS LTD.	-12625	-4369	-3419
31	HMT WATCHES LTD.	-25867	-23264	-24194
32	I T I LTD.	-28180	-32704	-16374
33	IDPL (TAMILNADU) LTD.	-205	-205	-309
34	INSTRUMENTATION LTD.	-13658	-6391	-4847
35	RICHARDSON & CRUDDAS(1972) LTD.	-114	-317	-2884
	<b>SUB TOTAL :</b>	<b>-194116</b>	<b>-142585</b>	<b>-161576</b>
	<b>TRANSPORTATION EQUIPMENT</b>			
36	HINDUSTAN SHIPYARD LTD.	-19604	-3868	-4728
	<b>SUB TOTAL :</b>	<b>-19604</b>	<b>-3868</b>	<b>-4728</b>
	<b>CONSUMER GOODS</b>			
37	HINDUSTAN NEWSPRINT LTD.	-411	152	-787
38	HINDUSTAN PAPER CORPORATION LTD.	-628	-9968	-13186
39	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-213295	-178901	-152911
40	HINDUSTAN SALTS LTD.	-420	62	124
41	NAGALAND PULP & PAPER COMPANY LTD.	-1343	-1456	-1438
42	NEPA LTD.	-4777	30993	-8306
43	SAMBHAR SALTS LTD.	-733	135	123
44	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	-19880	33271	53873
	<b>SUB TOTAL :</b>	<b>-241487</b>	<b>-125712</b>	<b>-122508</b>
	<b>TEXTILES</b>			
45	BIRDS JUTE & EXPORTS LTD.	-581	-264	-864
46	BRITISH INDIA CORPORATION LTD.	-9415	-9225	-8234
47	NATIONAL TEXTILE CORPN. LTD.	-14078	-6325	17775
	<b>SUB TOTAL :</b>	<b>-24074</b>	<b>-15814</b>	<b>8677</b>
	<b>TRADING &amp; MARKETING</b>			
48	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-426	-223	-144
49	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-573	-426	-261
50	P E C LTD.	-20820	107	9740
51	STCL LTD.	-41200	-35161	-29521
	<b>SUB TOTAL :</b>	<b>-63019</b>	<b>-35703</b>	<b>-20186</b>
	<b>TRANSPORT SERVICES</b>			
52	AIR INDIA ENGINEERING SERVICES LTD.	-36650	0	0
53	AIR INDIA LTD.	-393917	-438403	-378979
54	AIRLINE ALLIED SERVICES LTD.	-18378	-22089	-13308
55	FRESH & HEALTHY ENTERPRISES LTD.	-911	-3537	-587
	<b>SUB TOTAL :</b>	<b>-449856</b>	<b>-464029</b>	<b>-392874</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>			
56	HINDUSTAN STEELWORKS COSTN. LTD.	-410	-1503	-1620
57	PROJECTS & DEVELOPMENT INDIA LTD.	-227	403	1327
	<b>SUB TOTAL :</b>	<b>-637</b>	<b>-1100</b>	<b>-293</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>			
58	NATIONAL RESEARCH DEVELOPMENT CORPN.	-66	-100	-163
	<b>SUB TOTAL :</b>	<b>-66</b>	<b>-100</b>	<b>-163</b>
	<b>TOURIST SERVICES</b>			
59	ASSAM ASHOK HOTEL CORPN. LTD.	-102	49	-8
60	HOTEL CORPN. OF INDIA LTD.	-4501	-3863	-3386

61	PONDICHERRY ASHOK HOTEL CORPN. LTD.	-5	-19	-18
62	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-100	-76	-89
63	UTKAL ASHOK HOTEL CORPN. LTD.	-68	-57	-58
<b>SUB TOTAL :</b>		<b>-4776</b>	<b>-3966</b>	<b>-3559</b>
	<b>FINANCIAL SERVICES</b>			
64	INDIAN VACCINE CORP. LTD.	-117	-69	186
65	NATIONAL FILM DEV. CORPN. LTD.	-737	-236	743
<b>SUB TOTAL :</b>		<b>-854</b>	<b>-305</b>	<b>929</b>
	<b>TELECOMMUNICATION SERVICES</b>			
66	MAHANAGAR TELEPHONE NIGAM LTD.	-171762	899087	-384419
67	TCIL BINA TOLL ROAD LTD.	-773	0	0
<b>SUB TOTAL :</b>		<b>-172535</b>	<b>899087</b>	<b>-384419</b>
<b>GRAND TOTAL :</b>		<b>-1482665</b>	<b>138855</b>	<b>-1256526</b>

**STATEMENT - 6**  
**CPSE WISE NET PROFIT / LOSS (-) OF 'TAKEN OVER' SICK CPSEs**

(₹ in Lakhs)

S. No.	CPSE	Net Profit / Loss		
		2014-15	2013-14	2012-13
1	ANDREW YULE & COMPANY LTD.	1296	2229	1135
2	BALMER LAWRIE & CO. LTD.	14744	15667	16277
3	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	-1732	-3655	-1794
4	BHARAT WAGON & ENGG. CO. LTD.	-1568	-667	-759
5	BIRDS JUTE & EXPORTS LTD.	-585	-265	-865
6	BRAITHWAITE & CO. LTD.	-4461	1043	715
7	BRIDGE & ROOF CO.(INDIA) LTD.	1200	1061	3840
8	BRITISH INDIA CORPORATION LTD.	-9494	-9261	-8278
9	BURN STANDARD COMPANY LTD.	-2466	-828	-1966
10	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	887	9545	-2393
11	HOOGHLY DOCK AND PORT ENGINEERS LTD.	248	10096	-3984
12	HOOGHLY PRINTING COMPANY LTD.	7	10	8
13	NATIONAL TEXTILE CORPN. LTD.	-31625	-17571	8512
14	RICHARDSON & CRUDDAS(1972) LTD.	-365	-383	-2949
<b>TOTAL :</b>		<b>-33914</b>	<b>7021</b>	<b>7499</b>

## STATEMENT - 7

**INVESTMENT (FINANCIAL) IN CENTRAL GOVERNMENT ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPTTS. AS ON 31.3.2015**  
(STATUTORY CORPORATIONS AND GOVERNMENT COMPANIES UNDER DIRECT CENTRAL GOVERNMENT MANAGEMENT)

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
<b>MINISTRY OF AGRICULTURE</b>						
<b>D/O AGRICULTURE AND COOPERATION</b>						
1	NATIONAL SEEDS CORPN. LTD.	5417	0	132	0	5549
<b>SUB TOTAL :</b>		<b>5417</b>	<b>0</b>	<b>132</b>	<b>0</b>	<b>5549</b>
<b>MINISTRY OF AGRICULTURE</b>						
<b>D/O OF AGRICULTURE RESEARCH AND EDUCATION</b>						
2	AGRINNOVATE INDIA LTD.	5000	0	0	0	5000
<b>SUB TOTAL :</b>		<b>5000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5000</b>
<b>MINISTRY OF AYUSH</b>						
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	4100	0	0	0	4100
<b>SUB TOTAL :</b>		<b>4100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4100</b>
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>						
<b>D/O CHEMICALS &amp; PETROCHEMICALS</b>						
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.	117371	0	212337	0	329708
5	HINDUSTAN FLUOROCARBONS LIMITED	1961	0	2033	0	3994
6	HINDUSTAN INSECTICIDES LTD.	9133	0	1364	0	10497
7	HINDUSTAN ORGANIC CHEMICALS LTD.	33727	0	27618	0	61345
<b>SUB TOTAL :</b>		<b>162192</b>	<b>0</b>	<b>243352</b>	<b>0</b>	<b>405544</b>
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>						
<b>D/O FERTILIZER</b>						
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	36583	0	13138	0	49721
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	733	0	0	0	733
10	FERTILIZER CORPN. OF INDIA LTD.	75092	0	0	0	75092
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	64707	0	16149	0	80856
12	HINDUSTAN FERTILIZER CORPN. LTD.	68654	0	926237	0	994891
13	MADRAS FERTILIZERS LTD.	16214	0	19654	0	35868
14	NATIONAL FERTILIZERS LTD.	49058	0	178490	0	227548
15	PROJECTS & DEVELOPMENT INDIA LTD.	1730	0	0	0	1730
16	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	55169	0	37456	0	92625
<b>SUB TOTAL :</b>		<b>367940</b>	<b>0</b>	<b>1191124</b>	<b>0</b>	<b>1559064</b>
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>						
<b>D/O PHARMACEUTICALS</b>						
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7696	0	13034	0	20730
18	HINDUSTAN ANTIBIOTICS LTD.	7172	0	28054	0	35226
19	IDPL (TAMILNADU) LTD.	400	1727	4466	0	6593
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	11688	0	509587	0	521275
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1349	0	477	0	1826
22	ORISSA DRUGS & CHEMICALS LTD.	132	17	1606	0	1755
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	499	0	1153	0	1652
<b>SUB TOTAL :</b>		<b>28936</b>	<b>1744</b>	<b>558377</b>	<b>0</b>	<b>589057</b>

<b>MINISTRY OF CIVIL AVIATION</b>						
24	AIR INDIA AIR TRANSPORT SERVICES LTD.	5	13837	0	0	13842
25	AIR INDIA CHARTERS LTD.	78000	0	177252	0	255252
26	AIR INDIA ENGINEERING SERVICES LTD.	5	16662	36660	0	53327
27	AIR INDIA LTD.	1717800	394700	3514510	0	5627010
28	AIRLINE ALLIED SERVICES LTD.	225	0	0	0	225
29	AIRPORTS AUTHORITY OF INDIA	65656	0	128740	0	194396
30	HOTEL CORPN. OF INDIA LTD.	5060	165	14980	0	20205
31	PAWAN HANS LTD.	24562	0	51005	0	75567
<b>SUB TOTAL :</b>		<b>1891313</b>	<b>425364</b>	<b>3923147</b>	<b>0</b>	<b>6239824</b>
<b>MINISTRY OF COAL</b>						
32	BHARAT COKING COAL LTD.	465700	0	0	0	465700
33	CENTRAL COALFIELDS LTD.	94000	0	0	0	94000
34	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1904	0	0	0	1904
35	COAL INDIA LTD.	631636	0	0	0	631636
36	EASTERN COALFIELDS LTD.	426942	0	16433	0	443375
37	MAHANADI BASIN POWER LTD.	5	0	0	0	5
38	MAHANADI COALFIELDLS LTD.	18640	0	690	0	19330
39	MJSJ COAL LTD.	9510	0	0	0	9510
40	MNH SHAKTI LTD.	8510	0	0	0	8510
41	NEYVELI LIGNITE CORPN. LTD.	167771	0	279246	0	447017
42	NEYVELI UTTAR PRADESH POWER LTD	9310	27930	0	0	37240
43	NLC TAMIL NADU POWER LTD.	169440	12015	321830	0	503285
44	NORTHERN COALFIELDS LTD.	17767	0	0	0	17767
45	SOUTH EASTERN COALFIELDS LTD.	35970	0	0	0	35970
46	WESTERN COALFIELDS LTD.	29710	0	0	0	29710
<b>SUB TOTAL :</b>		<b>2086815</b>	<b>39945</b>	<b>618199</b>	<b>0</b>	<b>2744959</b>
<b>MINISTRY OF COMMERCE &amp; INDUSTRY</b>						
<b>D/O COMMERCE</b>						
47	E. C. G. C. LTD.	120000	0	0	0	120000
48	INDIA TRADE PROMOTION ORGANISATION	25	0	0	0	25
49	KARNATAKA TRADE PROMOTION ORGANISATION	50	1950	818	0	2818
50	M M T C LTD.	10000	0	0	0	10000
51	P E C LTD.	6000	0	0	0	6000
52	STATE TRADING CORPN. OF INDIA LTD.	6000	0	17628	0	23628
53	STCL LTD.	150	0	0	0	150
54	TAMIL NADU TRADE PROMOTION ORGANISATION	1	0	804	0	805
<b>SUB TOTAL :</b>		<b>142226</b>	<b>1950</b>	<b>19250</b>	<b>0</b>	<b>163426</b>
<b>MINISTRY OF COMMUNICATIONS&amp;INFORMATION TECHNOLOGY</b>						
<b>D/O ELECTRONICS AND INFORMATION TECHNOLOGY</b>						
55	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	200	0	0	0	200
<b>SUB TOTAL :</b>		<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>
<b>MINISTRY OF COMMUNICATIONS&amp;INFORMATION TECHNOLOGY</b>						
<b>D/O TELECOMMUNICATIONS</b>						
56	BHARAT BROADBAND NETWORK LTD.	6000	0	0	0	6000
57	BHARAT SANCHAR NIGAM LTD.	1250000	0	5619	0	1255619
58	I T I LTD.	58800	19200	30156	0	108156



59	MAHANAGAR TELEPHONE NIGAM LTD.	63000	0	1000897	0	1063897
60	MILLENNIUM TELECOM LTD.	288	0	0	0	288
61	TCIL BINA TOLL ROAD LTD.	1957	0	10629	0	12586
62	TCIL LAKHNADONE TOLL ROAD LTD.	1405	0	4186	0	5591
63	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4320	0	11612	0	15932
<b>SUB TOTAL :</b>		<b>1385770</b>	<b>19200</b>	<b>1063099</b>	<b>0</b>	<b>2468069</b>
<b>MINISTRY OF COMSUMER AFFAIRS,FOOD &amp; PUBLIC DISTRIBUTION</b>						
<b>D/O FOOD &amp; PUBLIC DISTRIBUTION</b>						
64	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	4056	0	6078	0	10134
65	CENTRAL WAREHOUSING CORPN.	6802	0	0	0	6802
66	FOOD CORPN. OF INDIA	276279	0	1300000	0	1576279
<b>SUB TOTAL :</b>		<b>287137</b>	<b>0</b>	<b>1306078</b>	<b>0</b>	<b>1593215</b>
<b>MINISTRY OF DEFENCE</b>						
<b>D/O DEFENCE PRODUCTION</b>						
67	BEL OPTRONICS DEVICES LTD.	1832	0	0	0	1832
68	BEL-THALES SYSTEMS LTD.	960	0	0	0	960
69	BEML LTD.	4177	0	41393	0	45570
70	BHARAT DYNAMICS LTD.	11500	0	0	0	11500
71	BHARAT ELECTRONICS LTD.	8000	0	0	0	8000
72	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	12384	0	2150	0	14534
73	GOA SHIPYARD LTD.	2910	0	2377	0	5287
74	HINDUSTAN AERONAUTICS LTD.	48200	0	428	0	48628
75	HINDUSTAN SHIPYARD LTD.	30199	0	37221	0	67420
76	MAZAGON DOCK SHIPBUILDERS LTD.	19920	0	7943	0	27863
77	MISHRA DHATU NIGAM LTD.	18734	0	1434	0	20168
78	VIGNYAN INDUSTRIES LTD.	279	0	0	0	279
<b>SUB TOTAL :</b>		<b>159095</b>	<b>0</b>	<b>92946</b>	<b>0</b>	<b>252041</b>
<b>MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION</b>						
79	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	200	650	600	0	1450
80	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	762	0	2006	0	2768
<b>SUB TOTAL :</b>		<b>962</b>	<b>650</b>	<b>2606</b>	<b>0</b>	<b>4218</b>
<b>MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE</b>						
81	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV. CORP.LTD	359	0	26206	0	26565
<b>SUB TOTAL :</b>		<b>359</b>	<b>0</b>	<b>26206</b>	<b>0</b>	<b>26565</b>
<b>MINISTRY OF FINANCE</b>						
<b>D/O ECONOMIC AFFAIRS</b>						
82	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	5	0	0	0	5
<b>SUB TOTAL :</b>		<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>MINISTRY OF FINANCE</b>						
<b>D/O FINANCIAL SERVICES</b>						
83	INDIA INFRASTRUCTURE FINANCE CO. LTD.	390000	0	2917340	0	3307340
84	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	10232	0	0	0	10232
<b>SUB TOTAL :</b>		<b>400232</b>	<b>0</b>	<b>2917340</b>	<b>0</b>	<b>3317572</b>
<b>MINISTRY OF HEALTH &amp; FAMILY WELFARE</b>						
<b>DEPARTMENT OF HEALTH AND FAMILY WELFARE</b>						

85	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1902	0	676	0	2578
86	HLL BIOTECH LTD.	17801	4000	0	0	21801
87	HLL INFRA TECH SERVICES LTD.	5	0	0	0	5
88	HLL LIFECARE LTD.	19353	4000	5154	0	28507
89	HSCC (INDIA) LTD.	240	0	589	0	829
<b>SUB TOTAL :</b>		<b>39301</b>	<b>8000</b>	<b>6419</b>	<b>0</b>	<b>53720</b>
<b>MINISTRY OF HEAVY INDUSTRIES &amp; PUBLIC ENTERPRISES</b>						
<b>D/O HEAVY INDUSTRIES</b>						
90	ANDREW YULE & COMPANY LTD.	6673	2858	3160	0	12691
91	BHARAT BHARI UDYOG NIGAM LTD.	11761	325	550	0	12636
92	BHARAT HEAVY ELECTRICALS LTD.	48952	0	6100	0	55052
93	BHARAT PUMPS & COMPRESSORS LTD.	5353	0	400	0	5753
94	BHEL ELECTRICAL MACHINES LTD.	1050	0	0	0	1050
95	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	2027	0	815	0	2842
96	BRIDGE & ROOF CO.(INDIA) LTD.	5499	0	0	0	5499
97	CEMENT CORPN. OF INDIA LTD.	81141	0	18790	0	99931
98	ENGINEERING PROJECTS (INDIA) LTD.	3542	0	0	0	3542
99	HEAVY ENGINEERING CORPN. LTD.	60608	0	3831	0	64439
100	HINDUSTAN CABLES LTD.	41936	0	593603	0	635539
101	HINDUSTAN NEWSPRINT LTD.	10000	0	270	0	10270
102	HINDUSTAN PAPER CORPORATION LTD.	81730	1800	30601	0	114131
103	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	20687	0	23752	0	44439
104	HINDUSTAN SALTS LTD.	3206	0	115	0	3321
105	HMT (INTERNATIONAL) LTD.	72	0	0	0	72
106	HMT BEARINGS LTD.	3771	0	6781	0	10552
107	HMT CHINAR WATCHES LTD.	166	0	25000	0	25166
108	HMT LTD.	186409	0	5831	0	192240
109	HMT MACHINE TOOLS LTD.	71960	0	19035	0	90995
110	HMT WATCHES LTD.	649	0	75414	0	76063
111	HOOGHLY PRINTING COMPANY LTD.	103	0	30	0	133
112	INSTRUMENTATION LTD.	2405	12201	12991	0	27597
113	JAGDISHPUR PAPER MILLS LTD.	5	1800	0	0	1805
114	NAGALAND PULP & PAPER COMPANY LTD.	6662	10000	1510	0	18172
115	NEPA LTD.	10786	37249	6965	0	55000
116	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1225	0	0	0	1225
117	RICHARDSON & CRUDDAS(1972) LTD.	5484	0	0	0	5484
118	SAMBHAR SALTS LTD.	100	0	3403	0	3503
119	SCOOTERS INDIA LTD.	8538	0	2189	0	10727
120	TUNGABHADRA STEEL PRODUCTS LTD.	844	0	531	0	1375
<b>SUB TOTAL :</b>		<b>683344</b>	<b>66233</b>	<b>841667</b>	<b>0</b>	<b>1591244</b>
<b>MINISTRY OF HOME AFFAIRS</b>						
121	DELHI POLICE HOUSING CORPORATION LTD.	500	0	0	0	500
<b>SUB TOTAL :</b>		<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>
<b>MINISTRY OF HOUSING &amp; URBAN POVERTY ALLEVIATION</b>						
122	HINDUSTAN PREFAB LTD.	13477	0	0	0	13477
123	HOUSING & URBAN DEV. CORPN. LTD.	200190	0	1831514	0	2031704
<b>SUB TOTAL :</b>		<b>213667</b>	<b>0</b>	<b>1831514</b>	<b>0</b>	<b>2045181</b>

<b>MINISTRY OF HUMAN RESOURCE DEVELOPMENT</b>						
<b>D/O SECONDARY EDUCATION &amp; HIGHER EDUCATION</b>						
124	EdCIL(India) Ltd.	200	0	0	0	200
<b>SUB TOTAL :</b>		<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>
<b>MINISTRY OF INFORMATION &amp; BROADCASTING</b>						
125	BROADCAST ENGG. CONSULTANTS INDIA LTD.	137	0	0	0	137
126	NATIONAL FILM DEV. CORPN. LTD.	4540	0	185	0	4725
<b>SUB TOTAL :</b>		<b>4677</b>	<b>0</b>	<b>185</b>	<b>0</b>	<b>4862</b>
<b>MINISTRY OF MICRO SMALL &amp; MEDIUM ENTERPRISES</b>						
127	NATIONAL SMALL INDUSTRIES CORPN. LTD.	53299	0	9502	0	62801
<b>SUB TOTAL :</b>		<b>53299</b>	<b>0</b>	<b>9502</b>	<b>0</b>	<b>62801</b>
<b>MINISTRY OF MINES</b>						
128	HINDUSTAN COPPER LTD.	46261	0	0	0	46261
129	MINERAL EXPLORATION CORPN. LTD.	11955	0	0	0	11955
130	NATIONAL ALUMINIUM COMPANY LTD.	128862	0	0	0	128862
<b>SUB TOTAL :</b>		<b>187078</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>187078</b>
<b>MINISTRY OF MINORITIES AFFAIRS</b>						
131	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	120993	3025	0	0	124018
<b>SUB TOTAL :</b>		<b>120993</b>	<b>3025</b>	<b>0</b>	<b>0</b>	<b>124018</b>
<b>MINISTRY OF NEW AND RENEWABLE ENERGY</b>						
132	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	78460	0	712953	0	791413
133	SOLAR ENERGY CORPORATION OF INDIA	10335	865	0	0	11200
<b>SUB TOTAL :</b>		<b>88795</b>	<b>865</b>	<b>712953</b>	<b>0</b>	<b>802613</b>
<b>MINISTRY OF PETROLEUM &amp; NATURAL GAS</b>						
134	BALMER LAWRIE & CO. LTD.	2850	0	0	0	2850
135	BALMER LAWRIE INVESTMENTS LTD.	2220	0	0	0	2220
136	BHARAT PETRO RESOURCES JPDA	6000	0	3841	0	9841
137	BHARAT PETRO RESOURCES LTD.	262000	30000	65000	0	357000
138	BHARAT PETROLEUM CORPN. LTD.	72308	0	1173701	0	1246009
139	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	100	0	0	0	100
140	CHENNAI PETROLEUM CORPORATION LTD.	14900	0	100000	0	114900
141	CREDA HPCL BIOFUEL LTD.	2176	0	0	0	2176
142	ENGINEERS INDIA LTD.	16847	0	0	0	16847
143	GAIL (INDIA) LTD.	126848	0	781449	0	908297
144	GAIL GAS LTD.	30000	0	13111	0	43111
145	HINDUSTAN PETROLEUM CORPN. LTD.	33901	0	1485583	0	1519484
146	HPCL BIOFUELS LTD.	62517	0	30880	0	93397
147	HPCL RAJASTHAN REFINERY LTD.	5	0	0	0	5
148	INDIAN CATALYST PVT. LTD.	1578	0	0	0	1578
149	INDIAN OIL CORPORATION LTD.	242795	0	3273126	0	3515921
150	INDIAN OIL-CREDA BIOFUELS LTD.	2464	0	0	0	2464
151	MANGALORE REFINERY & PETROCHEMICALS LTD.	175267	0	786465	0	961732
152	NUMALIGARH REFINERY LTD.	73563	0	50303	0	123866
153	OIL & NATURAL GAS CORPORATION LTD.	427774	0	0	0	427774

154	OIL INDIA INTERNATIONAL LTD.	10000	0	0	0	10000
155	OIL INDIA LTD.	60114	0	834108	0	894222
156	ONGC VIDESH LTD.	1000000	0	3726794	0	4726794
157	PRIZE PETROLEUM COMPANY LTD.	12000	0	0	0	12000
<b>SUB TOTAL :</b>		<b>2638227</b>	<b>30000</b>	<b>12324361</b>	<b>0</b>	<b>14992588</b>
<b>MINISTRY OF POWER</b>						
158	BAIRA SIUL SARNA TRANSMISSION LTD.	5	0	0	0	5
159	BALLABGARH - GN TRANSMISSION CO. LTD.	5	0	0	0	5
160	BHARTIYA RAIL BIJLEE CO. LTD.	158461	0	299817	0	458278
161	BUNDELKHAND SAUR URJA LTD.	0	100	0	0	100
162	CHEYYUR INFRA LTD.	5	0	0	0	5
163	CHHATTIS GARH-WR TRANSMISSION LTD.	0	0	0	0	0
164	CHHATTISHGARH SURGUJA POWER LTD.	5	0	4771	0	4776
165	COASTAL KARNATAKA POWER LTD.	5	0	160	0	165
166	COASTAL MAHARASHTRA MEGA POWER LTD.	5	0	4000	0	4005
167	COASTAL TAMIL NADU POWER LTD.	5	0	0	0	5
168	DEOGHAR MEGA POWER LTD.	5	0	477	0	482
169	GHOARPALLI INTEGRATED POWER COMPANY LTD.	5	0	1558	0	1563
170	KANTI BIJLEE UTPADAN NIGAM LTD.	100000	0	204757	0	304757
171	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	11769	0	0	0	11769
172	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	0
173	NELLORE TRANSMISSION LTD.	5	0	0	0	5
174	NHDC LTD.	196258	0	52763	0	249021
175	NHPC LTD.	1107067	0	1817103	0	2924170
176	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	342611	0	452542	0	795153
177	NTPC ELECTRIC SUPPLY COMPANY LTD.	8	0	0	0	8
178	NTPC LTD.	824546	0	7853233	0	8677779
179	NTPC VIDYUT VYAPAR NIGAM LTD.	2000	0	0	0	2000
180	ODISHA INFRAPOWER LTD.	5	0	0	0	5
181	ORISSA INTEGRATED POWER LTD.	5	0	0	0	5
182	PFC CAPITAL ADVISORY SERVICE LTD.	10	0	0	0	10
183	PFC CONSULTING LTD.	5	0	0	0	5
184	PFC GREEN ENERGY LTD.	30000	0	0	0	30000
185	POWER FINANCE CORPORATION LTD.	132004	0	16497346	0	16629350
186	POWER GRID CORPORATION OF INDIA LTD.	523159	0	8937584	0	9460743
187	POWER GRID JABALPUR TRANSMISSION LTD.	5	0	0	0	5
188	POWER SYSTEM OPERATION CORPORATION LTD.	3064	0	130	0	3194
189	POWERGRID KALA AMB TRANSMISSION LTD.	5	0	0	0	5
190	POWERGRID NM TRANSMISSION LTD.	2400	0	9134	0	11534
191	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	0	0	0	0	0
192	REC POWER DISTRIBUTION CO. LTD.	5	0	0	0	5
193	REC TRANSMISSION PROJECTS CO. LTD.	5	0	0	0	5
194	RURAL ELECTRIFICATION CORPN. LTD.	98746	0	13116832	0	13215578
195	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	5	0	1634	0	1639
196	SIPAT TRANSMISSION LTD.	0	0	5	0	5
197	SJVN LTD.	413663	0	245342	0	659005
198	SJVN THERMAL PVT. LTD.	1	0	0	0	1
199	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	0	5

200	TANDA TRANSMISSION COMPANY LTD.	5	0	0	0	5
201	TATIYA ANDHRA MEGA POWER LTD.	5	0	0	0	5
202	THDC INDIA LTD.	352888	0	327566	0	680454
203	UNCHAHAR TRANSMISSION LTD.	5	0	0	0	5
204	VIZAG TRANSMISSION LTD.	5473	0	13836	0	19309
<b>SUB TOTAL :</b>		<b>4304238</b>	<b>100</b>	<b>49840590</b>	<b>0</b>	<b>54144928</b>
<b>MINISTRY OF RAILWAYS</b>						
205	BHARAT WAGON & ENGG. CO. LTD.	907	0	1379	0	2286
206	BRAITHWAITE & CO. LTD.	2460	0	672	0	3132
207	BURN STANDARD COMPANY LTD.	17763	0	3991	0	21754
208	CONCOR AIR LTD.	3665	0	12500	0	16165
209	CONTAINER CORPORATION OF INDIA LTD.	19497	0	0	0	19497
210	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	371567	108700	144108	0	624375
211	FRESH & HEALTHY ENTERPRISES LTD.	14567	0	0	0	14567
212	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	10	0	0	0	10
213	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2000	0	0	0	2000
214	INDIAN RAILWAY FINANCE CORPORATION LTD.	358396	54250	6178414	0	6591060
215	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	4000	0	0	0	4000
216	IRCON INFRASTRUCTURE & SERVICES LTD.	4000	2500	3150	0	9650
217	IRCON INTERNATIONAL LTD.	1980	0	0	0	1980
218	IRCON PB TOLLWAY LTD.	500	8500	0	0	9000
219	KOLKATA METRO RAIL CORPORATION LTD.	58550	30000	126098	0	214648
220	KONKAN RAILWAY CORPORATION LTD.	488597	0	121170	0	609767
221	MUMBAI RAILWAY VIKAS CORPORATION LTD.	2500	0	0	0	2500
222	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	12700	0	0	0	12700
223	RAIL VIKAS NIGAM LTD.	208502	0	205291	0	413793
224	RAILTEL CORPORATION INDIA LTD.	32094	0	0	0	32094
225	RAILTEL ENTERPRISES LTD.	1000	0	0	0	1000
226	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	3000	0	0	0	3000
227	rites INFRASTRUCTURE SERVICES LTD.	5	0	0	0	5
228	rites LTD.	10000	0	0	0	10000
229	SIDCUL CONCOR INFRA COMPANY LTD.	10000	0	0	0	10000
<b>SUB TOTAL :</b>		<b>1628260</b>	<b>203950</b>	<b>6796773</b>	<b>0</b>	<b>8628983</b>
<b>MINISTRY OF ROAD TRANSPORT AND HIGHWAYS</b>						
230	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	5	0	0	0	5
<b>SUB TOTAL :</b>		<b>5</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5</b>
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>						
<b>DEPT. OF BIOTECHNOLOGY</b>						
231	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4318	0	0	0	4318
232	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	100	0	0	0	100
233	INDIAN VACCINE CORP. LTD.	1879	0	5	0	1884
<b>SUB TOTAL :</b>		<b>6297</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>6302</b>
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>						
<b>DEPT.OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b>						
234	CENTRAL ELECTRONICS LTD.	6532	145	2282	0	8959



235	NATIONAL RESEARCH DEVELOPMENT CORPN.	442	0	0	0	442
<b>SUB TOTAL :</b>		<b>6974</b>	<b>145</b>	<b>2282</b>	<b>0</b>	<b>9401</b>
<b>MINISTRY OF SHIPPING</b>						
236	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	13048	0	0	0	13048
237	COCHIN SHIPYARD LTD.	11328	0	12300	0	23628
238	DREDGING CORPN. OF INDIA LTD.	2800	0	92311	0	95111
239	HOOGHLY DOCK AND PORT ENGINEERS LTD.	2861	0	2451	0	5312
240	KAMARAJAR PORT LTD.	30000	0	71326	0	101326
241	SETHUSAMUDRAM CORPN. LTD.	74500	0	0	0	74500
242	SHIPPING CORPORATION OF INDIA LTD.	46580	0	556994	0	603574
<b>SUB TOTAL :</b>		<b>181117</b>	<b>0</b>	<b>735382</b>	<b>0</b>	<b>916499</b>
<b>MINISTRY OF SOCIAL JUSTICE &amp; EMPOWERMENT</b>						
<b>DEPARTMENT OF EMPOWERMENT OF PERSONS WITH DIS-ABILITY</b>						
243	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	197	0	5214	0	5411
244	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	91200	0	0	0	91200
245	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	27729	0	0	0	27729
246	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	49499	0	0	0	49499
247	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	98180	0	0	0	98180
<b>SUB TOTAL :</b>		<b>266805</b>	<b>0</b>	<b>5214</b>	<b>0</b>	<b>272019</b>
<b>MINISTRY OF STEEL</b>						
248	EASTERN INVESTMENT LTD.	144	0	0	0	144
249	FERRO SCRAP NIGAM LTD.	200	0	0	0	200
250	HINDUSTAN STEELWORKS COSTN. LTD.	11710	0	190	0	11900
251	J & K MINERAL DEVELOPMENT CORPN. LTD.	474	0	0	0	474
252	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	1	0	0	0	1
253	KARNATAKA VIJAY NAGAR STEEL LTD.	1	0	0	0	1
254	KIOCL LTD.	63451	0	75	0	63526
255	M S T C LTD.	880	0	741	0	1621
256	MECON LTD.	5274	0	0	0	5274
257	MOIL LTD.	16800	0	0	0	16800
258	NMDC Ltd.	39647	0	0	0	39647
259	NMDC POWER LTD.	5	50	0	0	55
260	NMDC-CMDC LTD.	7026	0	0	0	7026
261	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	60	0	0	0	60
262	RASHTRIYA ISPAT NIGAM LTD.	518985	0	6652	0	525637
263	SAIL JAGADISHPUR POWER PLANT LTD.	5	0	0	0	5
264	SAIL REFRACTORY COMPANY LTD.	5	0	0	0	5
265	SAIL SINDRI PROJECTS LTD.	5	0	0	0	5
266	STEEL AUTHORITY OF INDIA LTD.	413053	0	1402556	0	1815609
267	THE BISRA STONE LIME COMPANY LTD.	8729	0	0	0	8729
<b>SUB TOTAL :</b>		<b>1086455</b>	<b>50</b>	<b>1410214</b>	<b>0</b>	<b>2496719</b>
<b>MINISTRY OF TEXTILES</b>						
268	BIRDS JUTE & EXPORTS LTD.	39	0	2450	0	2489
269	BRITISH INDIA CORPORATION LTD.	3171	0	21336	0	24507
270	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1085	0	0	0	1085

271	COTTON CORPN. OF INDIA LTD.	2500	0	0	0	2500
272	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1382	0	0	0	1382
273	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1900	0	1981	0	3881
274	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5580	0	42924	0	48504
275	NATIONAL TEXTILE CORPN. LTD.	306216	0	0	0	306216
276	THE JUTE CORPN. OF INDIA LTD.	500	0	0	0	500
<b>SUB TOTAL :</b>		<b>322373</b>	<b>0</b>	<b>68691</b>	<b>0</b>	<b>391064</b>
<b>MINISTRY OF TOURISM</b>						
277	ASSAM ASHOK HOTEL CORPN. LTD.	100	0	352	0	452
278	DONYI POLO ASHOK HOTEL LTD.	100	0	0	0	100
279	INDIA TOURISM DEV. CORPN. LTD.	8577	0	4	0	8581
280	KUMARAKRUPPA FRONTIER HOTELS LTD.	97	0	0	0	97
281	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	160	0	0	0	160
282	PONDICHERRY ASHOK HOTEL CORPN. LTD.	160	0	0	0	160
283	PUNJAB ASHOK HOTEL COMPANY LTD.	250	0	0	0	250
284	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	490	0	0	0	490
285	UTKAL ASHOK HOTEL CORPN. LTD.	480	0	0	0	480
<b>SUB TOTAL :</b>		<b>10414</b>	<b>0</b>	<b>356</b>	<b>0</b>	<b>10770</b>
<b>MINISTRY OF TRIBAL AFFAIRS</b>						
286	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	44599	0	0	0	44599
<b>SUB TOTAL :</b>		<b>44599</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>44599</b>
<b>MINISTRY OF URBAN DEVELOPMENT</b>						
287	NATIONAL BLDG. CONSTN. CORPN. LTD.	12000	0	0	0	12000
<b>SUB TOTAL :</b>		<b>12000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12000</b>
<b>MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT &amp; GANGA REJUVENATION</b>						
288	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9453	0	0	0	9453
289	WAPCOS LTD.	2500	0	0	0	2500
<b>SUB TOTAL :</b>		<b>11953</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11953</b>
<b>DEPT. OF ATOMIC ENERGY</b>						
290	ANUSHAKTI VIDHYUT NIGAM LTD.	10	0	0	0	10
291	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	458420	0	30000	0	488420
292	ELECTRONICS CORPN. OF INDIA LTD.	16337	0	0	0	16337
293	INDIAN RARE EARTHS LTD.	8637	0	0	0	8637
294	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	100	0	2	0	102
295	NPCIL - NALCO POWER COMPANY LTD.	10	0	0	0	10
296	NUCLEAR POWER CORPN. OF INDIA LTD.	1017433	4291	1725789	0	2747513
297	URANIUM CORPORATION OF INDIA LTD.	153962	1900	0	0	155862
<b>SUB TOTAL :</b>		<b>1654909</b>	<b>6191</b>	<b>1755791</b>	<b>0</b>	<b>3416891</b>
<b>DEPT. OF SPACE</b>						
298	ANTRIX CORPORATION LTD.	400	0	0	0	400
<b>SUB TOTAL :</b>		<b>400</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>400</b>
<b>GRAND TOTAL :</b>		<b>20494579</b>	<b>807412</b>	<b>88303755</b>	<b>0</b>	<b>109605746</b>

## STATEMENT - 8

### DETAILS OF PARTICIPATION IN EQUITY OF PUBLIC ENTERPRISES BY DIFFERENT PARTIES AS ON 31.3.2015

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others (Indian)	Total
	<b>AGRO BASED INDUSTRIES</b>								
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	359	0	0	0	0	0	0	359
2	CREDA HPCL BIOFUEL LTD.	0	566	1610	0	0	0	0	2176
3	HPCL BIOFUELS LTD.	0	0	62517	0	0	0	0	62517
4	INDIAN OIL-CREDA BIOFUELS LTD.	0	0	1823	0	0	0	641	2464
5	NATIONAL SEEDS CORPN. LTD.	5417	0	0	0	0	0	0	5417
	<b>SUB TOTAL :</b>	<b>5776</b>	<b>566</b>	<b>65950</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>641</b>	<b>72933</b>
	<b>COAL</b>								
6	BHARAT COKING COAL LTD.	0	0	465700	0	0	0	0	465700
7	CENTRAL COALFIELDS LTD.	0	0	94000	0	0	0	0	94000
8	COAL INDIA LTD.	503105	0	0	56796	55699	254	15782	631636
9	EASTERN COALFIELDS LTD.	0	0	426942	0	0	0	0	426942
10	MAHANADI COALFIELDLS LTD.	0	0	18640	0	0	0	0	18640
11	NORTHERN COALFIELDS LTD.	0	0	17767	0	0	0	0	17767
12	SOUTH EASTERN COALFIELDS LTD.	0	0	35970	0	0	0	0	35970
13	WESTERN COALFIELDS LTD.	0	0	29710	0	0	0	0	29710
	<b>SUB TOTAL :</b>	<b>503105</b>	<b>0</b>	<b>1088729</b>	<b>56796</b>	<b>55699</b>	<b>254</b>	<b>15782</b>	<b>1720365</b>
	<b>CRUDE OIL</b>								
14	BHARAT PETRO RESOURCES LTD.	0	0	262000	0	0	0	0	262000
15	OIL & NATURAL GAS CORPORATION LTD.	294888	0	0	0	75280	0	57606	427774
16	OIL INDIA LTD.	40663	0	0	776	7327	11348	0	60114
17	ONGC VIDESH LTD.	0	0	1000000	0	0	0	0	1000000
18	PRIZE PETROLEUM COMPANY LTD.	0	0	12000	0	0	0	0	12000
	<b>SUB TOTAL :</b>	<b>335551</b>	<b>0</b>	<b>1274000</b>	<b>776</b>	<b>82607</b>	<b>11348</b>	<b>57606</b>	<b>1761888</b>
	<b>OTHER MINERALS &amp; METALS</b>								
19	EASTERN INVESTMENT LTD.	23	1	74	1	1	0	44	144
20	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	733	0	0	0	0	0	0	733
21	HINDUSTAN COPPER LTD.	41611	0	0	0	712	0	3938	46261
22	INDIAN RARE EARTHS LTD.	8637	0	0	0	0	0	0	8637
23	J & K MINERAL DEVELOPMENT CORPN. LTD.	0	0	351	0	0	0	123	474
24	KIOCL LTD.	62814	0	0	0	608	0	29	63451
25	MOIL LTD.	12023	1416	0	6	1790	1	1564	16800
26	NATIONAL ALUMINIUM COMPANY LTD.	104289	0	0	147	17082	36	7308	128862
27	NMDC Ltd.	31719	0	0	0	6635	1	1292	39647
28	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	31	1	9	0	19	60
29	THE BISRA STONE LIME COMPANY LTD.	4334	0	4388	1	3	0	3	8729
30	URANIUM CORPORATION OF INDIA LTD.	153962	0	0	0	0	0	0	153962
	<b>SUB TOTAL :</b>	<b>420145</b>	<b>1417</b>	<b>4844</b>	<b>156</b>	<b>26840</b>	<b>38</b>	<b>14320</b>	<b>467760</b>
	<b>STEEL</b>								
31	FERRO SCRAP NIGAM LTD.	0	0	200	0	0	0	0	200
32	MISHRA DHATU NIGAM LTD.	18734	0	0	0	0	0	0	18734
33	RASHTRIYA ISPAT NIGAM LTD.	518985	0	0	0	0	0	0	518985
34	SAIL REFRACTORY COMPANY LTD.	0	0	5	0	0	0	0	5
35	STEEL AUTHORITY OF INDIA LTD.	309777	0	0	24813	63661	0	14802	413053
	<b>SUB TOTAL :</b>	<b>847496</b>	<b>0</b>	<b>205</b>	<b>24813</b>	<b>63661</b>	<b>0</b>	<b>14802</b>	<b>950977</b>

	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>								
36	BHARAT PETROLEUM CORPN. LTD.	39720	622	0	12425	8522	0	11019	72308
37	CHENNAI PETROLEUM CORPORATION LTD.	0	0	7727	2293	2711	9	2160	14900
38	GAIL (INDIA) LTD.	80362	0	0	1795	27739	0	16952	126848
39	GAIL GAS LTD.	0	0	30000	0	0	0	0	30000
40	HINDUSTAN PETROLEUM CORPN. LTD.	17308	0	0	6398	5536	24	4635	33901
41	INDIAN OIL CORPORATION LTD.	166497	270	0	84	9097	0	66847	242795
42	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	125535	777	7429	0	41526	175267
43	NUMALIGARH REFINERY LTD.	0	9082	45355	0	0	0	19126	73563
<b>SUB TOTAL :</b>		<b>303887</b>	<b>9974</b>	<b>208617</b>	<b>23772</b>	<b>61034</b>	<b>33</b>	<b>162265</b>	<b>769582</b>
	<b>FERTILIZERS</b>								
44	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	36583	0	0	0	0	0	0	36583
45	FERTILIZER CORPN. OF INDIA LTD.	75092	0	0	0	0	0	0	75092
46	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	58236	259	0	0	150	6062	0	64707
47	HINDUSTAN FERTILIZER CORPN. LTD.	68654	0	0	0	0	0	0	68654
48	MADRAS FERTILIZERS LTD.	9585	0	0	4152	0	16	2461	16214
49	NATIONAL FERTILIZERS LTD.	44012	0	0	0	2938	0	2108	49058
50	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	44136	0	0	408	5429	0	5196	55169
<b>SUB TOTAL :</b>		<b>336298</b>	<b>259</b>	<b>0</b>	<b>4560</b>	<b>8517</b>	<b>6078</b>	<b>9765</b>	<b>365477</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>								
51	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7696	0	0	0	0	0	0	7696
52	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	2559	0	0	0	0	0	1759	4318
53	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1407	495	0	0	0	0	0	1902
54	HINDUSTAN ANTIBIOTICS LTD.	7172	0	0	0	0	0	0	7172
55	HINDUSTAN FLUOROCARBONS LIMITED	0	0	1106	34	66	6	749	1961
56	HINDUSTAN INSECTICIDES LTD.	9133	0	0	0	0	0	0	9133
57	HINDUSTAN ORGANIC CHEMICALS LTD.	30948	0	0	84	0	0	2695	33727
58	HLL BIOTECH LTD.	0	0	17801	0	0	0	0	17801
59	INDIAN DRUGS & PHARMACEUTICALS LTD.	11688	0	0	0	0	0	0	11688
60	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	4002	98	0	0	0	0	0	4100
61	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	798	551	0	0	0	0	0	1349
62	ORISSA DRUGS & CHEMICALS LTD.	0	0	67	0	65	0	0	132
63	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	255	244	0	0	0	0	0	499
<b>SUB TOTAL :</b>		<b>75658</b>	<b>1388</b>	<b>18974</b>	<b>118</b>	<b>131</b>	<b>6</b>	<b>5203</b>	<b>101478</b>
	<b>HEAVY ENGINEERING</b>								
64	BHARAT BHARI UDYOG NIGAM LTD.	10373	0	0	0	0	0	1388	11761
65	BHARAT HEAVY ELECTRICALS LTD.	30869	0	0	7943	8473	23	1644	48952
66	BHARAT WAGON & ENGG. CO. LTD.	907	0	0	0	0	0	0	907
67	BHEL ELECTRICAL MACHINES LTD.	0	515	535	0	0	0	0	1050
68	BRAITHWAITE & CO. LTD.	2460	0	0	0	0	0	0	2460
69	BURN STANDARD COMPANY LTD.	17763	0	0	0	0	0	0	17763
70	HEAVY ENGINEERING CORPN. LTD.	60608	0	0	0	0	0	0	60608
71	TUNGABHADRA STEEL PRODUCTS LTD.	669	175	0	0	0	0	0	844
<b>SUB TOTAL :</b>		<b>123649</b>	<b>690</b>	<b>535</b>	<b>7943</b>	<b>8473</b>	<b>23</b>	<b>3032</b>	<b>144345</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>								
72	ANDREW YULE & COMPANY LTD.	5870	0	0	0	376	0	427	6673
73	BALMER LAWRIE & CO. LTD.	0	1	1762	122	323	6	636	2850
74	BEL OPTRONICS DEVICES LTD.	0	0	1700	0	132	0	0	1832
75	BHARAT DYNAMICS LTD.	11500	0	0	0	0	0	0	11500
76	BHARAT ELECTRONICS LTD.	6002	0	0	10	958	0	1030	8000
77	BHARAT PUMPS & COMPRESSORS LTD.	5353	0	0	0	0	0	0	5353

78	CENTRAL ELECTRONICS LTD.	6532	0	0	0	0	0	0	6532
79	ELECTRONICS CORPN. OF INDIA LTD.	16337	0	0	0	0	0	0	16337
80	HINDUSTAN CABLES LTD.	41769	0	0	0	167	0	0	41936
81	HMT BEARINGS LTD.	0	0	3747	24	0	0	0	3771
82	HMT CHINAR WATCHES LTD.	0	0	166	0	0	0	0	166
83	HMT LTD.	178805	0	0	0	7	0	7597	186409
84	HMT MACHINE TOOLS LTD.	0	0	71960	0	0	0	0	71960
85	HMT WATCHES LTD.	0	0	649	0	0	0	0	649
86	I T I LTD.	25889	31	0	0	0	0	32880	58800
87	IDPL (TAMILNADU) LTD.	0	0	400	0	0	0	0	400
88	INSTRUMENTATION LTD.	2405	0	0	0	0	0	0	2405
89	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	0	625	0	0	0	600	1225
90	RICHARDSON & CRUDDAS(1972) LTD.	5484	0	0	0	0	0	0	5484
91	SCOOTERS INDIA LTD.	8003	0	0	0	2	0	533	8538
92	VIGNYAN INDUSTRIES LTD.	0	0	269	0	0	0	10	279
SUB TOTAL :		313949	32	81278	156	1965	6	43713	441099
TRANSPORTATION EQUIPMENT									
93	BEML LTD.	2250	0	0	259	383	0	1285	4177
94	COCHIN SHIPYARD LTD.	11328	0	0	0	0	0	0	11328
95	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	12384	0	0	0	0	0	0	12384
96	GOA SHIPYARD LTD.	1487	0	0	0	0	0	1423	2910
97	HINDUSTAN AERONAUTICS LTD.	48200	0	0	0	0	0	0	48200
98	HINDUSTAN SHIPYARD LTD.	30199	0	0	0	0	0	0	30199
99	HOOGHLY DOCK AND PORT ENGINEERS LTD.	2861	0	0	0	0	0	0	2861
100	MAZAGON DOCK SHIPBUILDERS LTD.	19920	0	0	0	0	0	0	19920
SUB TOTAL :		128629	0	0	259	383	0	2708	131979
CONSUMER GOODS									
101	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	197	0	0	0	0	0	0	197
102	CEMENT CORPN. OF INDIA LTD.	81141	0	0	0	0	0	0	81141
103	HINDUSTAN NEWSPRINT LTD.	0	0	10000	0	0	0	0	10000
104	HINDUSTAN PAPER CORPORATION LTD.	81730	0	0	0	0	0	0	81730
105	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	18618	0	0	0	1919	0	150	20687
106	HINDUSTAN SALTS LTD.	3206	0	0	0	0	0	0	3206
107	HLL LIFECARE LTD.	19353	0	0	0	0	0	0	19353
108	HOOGHLY PRINTING COMPANY LTD.	0	0	103	0	0	0	0	103
109	NAGALAND PULP & PAPER COMPANY LTD.	0	63	6599	0	0	0	0	6662
110	NEPA LTD.	10546	170	0	0	0	0	70	10786
111	SAMBHAR SALTS LTD.	60	40	0	0	0	0	0	100
112	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	5	0	0	0	0	0	0	5
SUB TOTAL :		214856	273	16702	0	1919	0	220	233970
TEXTILES									
113	BIRDS JUTE & EXPORTS LTD.	0	0	14	0	6	0	19	39
114	BRITISH INDIA CORPORATION LTD.	3074	0	0	0	89	0	8	3171
115	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5580	0	0	0	0	0	0	5580
116	NATIONAL TEXTILE CORPN. LTD.	305488	728	0	0	0	0	0	306216
SUB TOTAL :		314142	728	14	0	95	0	27	315006
POWER GENERATION									
117	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	100000	0	0	0	0	100000
118	NEYVELI LIGNITE CORPN. LTD.	150994	0	0	236	13899	123	2519	167771
119	NHDC LTD.	96016	100242	0	0	0	0	0	196258
120	NHPC LTD.	951621	0	0	3498	27313	1211	123424	1107067

121	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	342611	0	0	0	0	0	0	342611
122	NTPC LTD.	618062	0	0	85223	90131	0	31130	824546
123	NUCLEAR POWER CORPN. OF INDIA LTD.	1017433	0	0	0	0	0	0	1017433
124	REC POWER DISTRIBUTION CO. LTD.	0	0	5	0	0	0	0	5
125	SJVN LTD.	266661	105501	0	337	13302	0	27862	413663
126	THDC INDIA LTD.	259394	93494	0	0	0	0	0	352888
SUB TOTAL :		3702792	299237	100005	89294	144645	1334	184935	4522242
	<b>POWER TRANSMISSION</b>								
127	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	8	0	0	0	0	8
128	POWER GRID CORPORATION OF INDIA LTD.	302884	0	0	145559	24828	421	49467	523159
129	REC TRANSMISSION PROJECTS CO. LTD.	0	0	5	0	0	0	0	5
SUB TOTAL :		302884	0	13	145559	24828	421	49467	523172
	<b>TRADING &amp; MARKETING</b>								
130	ANTRIX CORPORATION LTD.	400	0	0	0	0	0	0	400
131	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1085	0	0	0	0	0	0	1085
132	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	4056	0	0	0	0	4056
133	CENTRAL WAREHOUSING CORPN.	3742	0	0	0	2566	0	494	6802
134	COTTON CORPN. OF INDIA LTD.	2500	0	0	0	0	0	0	2500
135	FOOD CORPN. OF INDIA	276279	0	0	0	0	0	0	276279
136	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1382	0	0	0	0	0	0	1382
137	HMT (INTERNATIONAL) LTD.	0	0	72	0	0	0	0	72
138	INDIA TRADE PROMOTION ORGANISATION	25	0	0	0	0	0	0	25
139	KARNATAKA TRADE PROMOTION ORGANISATION	0	24	26	0	0	0	0	50
140	M M T C LTD.	8993	0	0	0	621	0	386	10000
141	M S T C LTD.	790	0	0	0	0	0	90	880
142	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1900	0	0	0	0	0	0	1900
143	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	200	0	0	0	0	0	0	200
144	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	762	0	0	0	0	0	0	762
145	NTPC VIDYUT VYAPAR NIGAM LTD.	0	0	2000	0	0	0	0	2000
146	P E C LTD.	6000	0	0	0	0	0	0	6000
147	STATE TRADING CORPN. OF INDIA LTD.	5400	0	0	10	115	2	473	6000
148	STCL LTD.	0	0	150	0	0	0	0	150
149	TAMIL NADU TRADE PROMOTION ORGANISATION	0	0	1	0	0	0	0	1
150	THE JUTE CORPN. OF INDIA LTD.	500	0	0	0	0	0	0	500
SUB TOTAL :		309958	24	6305	10	3302	2	1443	321044
	<b>TRANSPORT SERVICES</b>								
151	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	5	0	0	0	0	5
152	AIR INDIA CHARTERS LTD.	0	0	78000	0	0	0	0	78000
153	AIR INDIA ENGINEERING SERVICES LTD.	0	0	5	0	0	0	0	5
154	AIR INDIA LTD.	1717800	0	0	0	0	0	0	1717800
155	AIRLINE ALLIED SERVICES LTD.	0	0	225	0	0	0	0	225
156	AIRPORTS AUTHORITY OF INDIA	65656	0	0	0	0	0	0	65656
157	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	13033	15	0	0	0	0	0	13048
158	CONCOR AIR LTD.	0	0	3665	0	0	0	0	3665
159	CONTAINER CORPORATION OF INDIA LTD.	12049	0	0	5137	1347	0	964	19497
160	DREDGING CORPN. OF INDIA LTD.	2200	0	0	6	297	0	297	2800
161	FRESH & HEALTHY ENTERPRISES LTD.	0	0	14567	0	0	0	0	14567
162	KAMARAJAR PORT LTD.	20000	0	0	0	0	0	10000	30000
163	PAWAN HANS LTD.	12527	0	0	0	0	0	12035	24562
164	SHIPPING CORPORATION OF INDIA LTD.	29694	0	0	1347	8692	0	6847	46580
SUB TOTAL :		1872959	15	96467	6490	10336	0	30143	2016410



	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>								
165	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	2027	0	0	0	0	2027
166	BRIDGE & ROOF CO.(INDIA) LTD.	5463	0	0	0	0	0	36	5499
167	HINDUSTAN PREFAB LTD.	13477	0	0	0	0	0	0	13477
168	HINDUSTAN STEELWORKS COSTN. LTD.	11710	0	0	0	0	0	0	11710
169	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	0	0	2040	0	0	0	1960	4000
170	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	4000	0	0	0	0	4000
171	IRCON INTERNATIONAL LTD.	1974	0	0	0	6	0	0	1980
172	KONKAN RAILWAY CORPORATION LTD.	449080	39517	0	0	0	0	0	488597
173	MINERAL EXPLORATION CORPN. LTD.	11955	0	0	0	0	0	0	11955
174	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1275	1225	0	0	0	0	0	2500
175	NATIONAL BLDG. CONSTN. CORPN. LTD.	10800	0	0	0	0	0	1200	12000
176	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9348	105	0	0	0	0	0	9453
177	PROJECTS & DEVELOPMENT INDIA LTD.	1730	0	0	0	0	0	0	1730
178	RAIL VIKAS NIGAM LTD.	208502	0	0	0	0	0	0	208502
	<b>SUB TOTAL :</b>	<b>725314</b>	<b>40847</b>	<b>8067</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>3196</b>	<b>777430</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>								
179	AGRINNOVATE INDIA LTD.	5000	0	0	0	0	0	0	5000
180	BROADCAST ENGG. CONSULTANTS INDIA LTD.	137	0	0	0	0	0	0	137
181	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	0	0	1904	0	0	0	0	1904
182	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	0	0	100	0	0	0	0	100
183	EdCIL(India) Ltd.	200	0	0	0	0	0	0	200
184	ENGINEERING PROJECTS (INDIA) LTD.	3541	0	0	0	0	0	1	3542
185	ENGINEERS INDIA LTD.	11686	0	0	0	2063	0	3098	16847
186	HSCC (INDIA) LTD.	240	0	0	0	0	0	0	240
187	MECON LTD.	5274	0	0	0	0	0	0	5274
188	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	200	0	0	0	0	0	0	200
189	NATIONAL RESEARCH DEVELOPMENT CORPN.	442	0	0	0	0	0	0	442
190	NATIONAL SMALL INDUSTRIES CORPN. LTD.	53299	0	0	0	0	0	0	53299
191	PFC CAPITAL ADVISORY SERVICE LTD.	0	0	10	0	0	0	0	10
192	PFC CONSULTING LTD.	0	0	5	0	0	0	0	5
193	POWER SYSTEM OPERATION CORPORATION LTD.	0	0	3064	0	0	0	0	3064
194	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1470	0	1530	0	0	0	0	3000
195	rites infrastructure services ltd.	0	0	5	0	0	0	0	5
196	rites ltd.	10000	0	0	0	0	0	0	10000
197	SOLAR ENERGY CORPORATION OF INDIA	10335	0	0	0	0	0	0	10335
198	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4320	0	0	0	0	0	0	4320
199	WAPCOS LTD.	2500	0	0	0	0	0	0	2500
	<b>SUB TOTAL :</b>	<b>108644</b>	<b>0</b>	<b>6618</b>	<b>0</b>	<b>2063</b>	<b>0</b>	<b>3099</b>	<b>120424</b>
	<b>TOURIST SERVICES</b>								
200	ASSAM ASHOK HOTEL CORPN. LTD.	0	49	51	0	0	0	0	100
201	DONYI POLO ASHOK HOTEL LTD.	0	51	49	0	0	0	0	100
202	HOTEL CORPN. OF INDIA LTD.	0	0	5060	0	0	0	0	5060
203	INDIA TOURISM DEV. CORPN. LTD.	7464	0	0	0	378	0	735	8577
204	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2000	0	0	0	0	0	0	2000
205	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	0	78	82	0	0	0	0	160
206	PONDICHERRY ASHOK HOTEL CORPN. LTD.	0	0	82	0	0	0	78	160
207	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	490	0	0	0	0	490
208	UTKAL ASHOK HOTEL CORPN. LTD.	469	11	0	0	0	0	0	480
	<b>SUB TOTAL :</b>	<b>9933</b>	<b>189</b>	<b>5814</b>	<b>0</b>	<b>378</b>	<b>0</b>	<b>813</b>	<b>17127</b>

	<b>FINANCIAL SERVICES</b>								
209	BALMER LAWRIE INVESTMENTS LTD.	0	0	1325	461	34	0	400	2220
210	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	100	0	0	0	0	0	0	100
211	DELHI POLICE HOUSING CORPORATION LTD.	500	0	0	0	0	0	0	500
212	E. C. G. C. LTD.	120000	0	0	0	0	0	0	120000
213	HOUSING & URBAN DEV. CORPN. LTD.	200190	0	0	0	0	0	0	200190
214	INDIA INFRASTRUCTURE FINANCE CO. LTD.	390000	0	0	0	0	0	0	390000
215	INDIAN RAILWAY FINANCE CORPORATION LTD.	358396	0	0	0	0	0	0	358396
216	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	78460	0	0	0	0	0	0	78460
217	INDIAN VACCINE CORP. LTD.	1253	0	0	0	0	0	626	1879
218	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	10232	0	0	0	0	0	0	10232
219	KUMARAKRUPPA FRONTIER HOTELS LTD.	88	0	0	0	0	0	9	97
220	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	91200	0	0	0	0	0	0	91200
221	NATIONAL FILM DEV. CORPN. LTD.	4540	0	0	0	0	0	0	4540
222	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	27729	0	0	0	0	0	0	27729
223	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	97500	23493	0	0	0	0	0	120993
224	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	49499	0	0	0	0	0	0	49499
225	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	98180	0	0	0	0	0	0	98180
226	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	44599	0	0	0	0	0	0	44599
227	PFC GREEN ENERGY LTD.	0	0	30000	0	0	0	0	30000
228	POWER FINANCE CORPORATION LTD.	96096	0	0	74	28991	87	6756	132004
229	RURAL ELECTRIFICATION CORPN. LTD.	64817	0	0	87	21169	66	12607	98746
<b>SUB TOTAL :</b>		<b>1733379</b>	<b>23493</b>	<b>31325</b>	<b>622</b>	<b>50194</b>	<b>153</b>	<b>20398</b>	<b>1859564</b>
	<b>TELECOMMUNICATION SERVICES</b>								
230	BHARAT BROADBAND NETWORK LTD.	6000	0	0	0	0	0	0	6000
231	BHARAT SANCHAR NIGAM LTD.	1250000	0	0	0	0	0	0	1250000
232	MAHANAGAR TELEPHONE NIGAM LTD.	35437	0	0	1220	13981	0	12362	63000
233	MILLENNIUM TELECOM LTD.	0	0	288	0	0	0	0	288
234	RAILTEL CORPORATION INDIA LTD.	32094	0	0	0	0	0	0	32094
235	TCIL BINA TOLL ROAD LTD.	1957	0	0	0	0	0	0	1957
<b>SUB TOTAL :</b>		<b>1325488</b>	<b>0</b>	<b>288</b>	<b>1220</b>	<b>13981</b>	<b>0</b>	<b>12362</b>	<b>1353339</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>								
236	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	5	0	0	0	5	10
237	BAIRA SIUL SARNA TRANSMISSION LTD.	0	0	5	0	0	0	0	5
238	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	5	0	0	0	0	5
239	BEL-THALES SYSTEMS LTD.	0	0	710	250	0	0	0	960
240	BHARAT PETRO RESOURCES JPDA	0	0	6000	0	0	0	0	6000
241	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	435712	0	0	0	0	0	22708	458420
242	BHARTIYA RAIL BIJLEE CO. LTD.	41200	0	117261	0	0	0	0	158461
243	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0	12690	79301	0	0	0	25380	117371
244	BUNDELKHAND SAUR URJA LTD.	0	0	0	0	0	0	0	0
245	CHEYUR INFRA LTD.	0	0	5	0	0	0	0	5
246	CHHATTIS GARH-WR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
247	CHHATTISHGARH SURGUJA POWER LTD.	0	0	5	0	0	0	0	5
248	COASTAL KARNATAKA POWER LTD.	0	0	5	0	0	0	0	5
249	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	5	0	0	0	0	5
250	COASTAL TAMIL NADU POWER LTD.	0	0	5	0	0	0	0	5
251	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	371567	0	0	0	0	0	0	371567
252	DEOGHAR MEGA POWER LTD.	0	0	5	0	0	0	0	5
253	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	0	0	5	0	0	0	0	5

254	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	10	0	0	0	0	10
255	HLL INFRA TECH SERVICES LTD.	0	0	5	0	0	0	0	5
256	HPCL RAJASTHAN REFINERY LTD.	0	1	4	0	0	0	0	5
257	INDIAN CATALYST PVT. LTD.	0	0	1578	0	0	0	0	1578
258	IRCON PB TOLLWAY LTD.	0	0	500	0	0	0	0	500
259	JAGDISHPUR PAPER MILLS LTD.	0	0	5	0	0	0	0	5
260	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	1	0	0	0	0	0	0	1
261	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	1	0	0	0	0	1
262	KOLKATA METRO RAIL CORPORATION LTD.	0	58550	0	0	0	0	0	58550
263	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	3060	8709	0	0	0	0	11769
264	MAHANADI BASIN POWER LTD.	0	0	5	0	0	0	0	5
265	MJSJ COAL LTD.	0	0	5706	0	0	0	3804	9510
266	MNH SHAKTI LTD.	0	0	8510	0	0	0	0	8510
267	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
268	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	5	0	0	0	0	0	0	5
269	NELLORE TRANSMISSION LTD.	0	0	5	0	0	0	0	5
270	NEYVELI UTTAR PRADESH POWER LTD	0	0	4748	0	0	0	4562	9310
271	NLC TAMIL NADU POWER LTD.	0	0	150802	0	0	0	18638	169440
272	NMDC POWER LTD.	0	0	5	0	0	0	0	5
273	NMDC-CMDC LTD.	3583	3443	0	0	0	0	0	7026
274	NPCL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	74	0	0	0	26	100
275	NPCL - NALCO POWER COMPANY LTD.	0	0	7	0	0	0	3	10
276	ODISHA INFRAPOWER LTD.	0	0	5	0	0	0	0	5
277	OIL INDIA INTERNATIONAL LTD.	0	0	10000	0	0	0	0	10000
278	ORISSA INTEGRATED POWER LTD.	0	0	5	0	0	0	0	5
279	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	5	0	0	0	0	5
280	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	5	0	0	0	0	5
281	POWERGRID NM TRANSMISSION LTD.	0	0	2400	0	0	0	0	2400
282	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	128	0	0	0	122	250
283	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	12700	0	0	0	0	12700
284	RAILTEL ENTERPRISES LTD.	0	0	1000	0	0	0	0	1000
285	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
286	SAIL JAGDISHPUR POWER PLANT LTD.	0	0	5	0	0	0	0	5
287	SAIL SINDRI PROJECTS LTD.	0	0	5	0	0	0	0	5
288	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	5	0	0	0	0	5
289	SETHUSAMUDRAM CORPN. LTD.	49500	0	0	0	0	0	25000	74500
290	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	10000	0	0	0	0	10000
291	SIPAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0
292	SJVN THERMAL PVT. LTD.	0	0	1	0	0	0	0	1
293	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	5	0	0	0	0	5
294	TANDA TRANSMISSION COMPANY LTD.	0	0	5	0	0	0	0	5
295	TATIYA ANDHRA MEGA POWER LTD.	0	0	5	0	0	0	0	5
296	TCIL LAKHNADONE TOLL ROAD LTD.	1405	0	0	0	0	0	0	1405
297	UNCHAHAH TRANSMISSION LTD.	0	0	5	0	0	0	0	5
298	VIZAG TRANSMISSION LTD.	0	0	5473	0	0	0	0	5473
SUB TOTAL :		902973	77744	425753	250	0	0	100248	1506968
GRAND TOTAL :		14917465	456876	3440503	362794	561057	19696	736188	20494579

## STATEMENT - 9

### DETAILS OF SHORT TERM BORROWINGS (SECURED+UNSECURED) OF CPSEs AS ON 31.3.2015

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
	<b>AGRO BASED INDUSTRIES</b>							
1	HPCL BIOFUELS LTD.	0	0	0	6418	0	0	6418
2	NATIONAL SEEDS CORPN. LTD.	0	0	0	1111	0	0	1111
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7529</b>	<b>0</b>	<b>0</b>	<b>7529</b>
	<b>COAL</b>							
3	BHARAT COKING COAL LTD.	0	0	44954	20010	0	0	64964
4	EASTERN COALFIELDS LTD.	0	0	12901	0	0	0	12901
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>57855</b>	<b>20010</b>	<b>0</b>	<b>0</b>	<b>77865</b>
	<b>CRUDE OIL</b>							
5	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	139300	0	0	139300
6	ONGC VIDESH LTD.	0	0	0	0	0	37200	37200
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>139300</b>	<b>0</b>	<b>37200</b>	<b>176500</b>
	<b>OTHER MINERALS &amp; METALS</b>							
7	URANIUM CORPORATION OF INDIA LTD.	0	0	0	51436	0	11826	63262
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>51436</b>	<b>0</b>	<b>11826</b>	<b>63262</b>
	<b>STEEL</b>							
8	FERRO SCRAP NIGAM LTD.	0	0	0	2023	0	0	2023
9	MISHRA DHATU NIGAM LTD.	0	0	0	4148	0	0	4148
10	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	596178	0	148311	744489
11	STEEL AUTHORITY OF INDIA LTD.	0	0	0	655755	683761	80000	1419516
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1258104</b>	<b>683761</b>	<b>228311</b>	<b>2170176</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>							
12	BHARAT PETROLEUM CORPN. LTD.	0	0	0	4027	0	0	4027
13	CHENNAI PETROLEUM CORPORATION LTD.	0	0	0	339907	0	0	339907
14	GAIL (INDIA) LTD.	0	0	0	23380	0	0	23380
15	GAIL GAS LTD.	0	0	0	3367	0	0	3367
16	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	219981	0	0	219981
17	INDIAN OIL CORPORATION LTD.	0	0	0	654453	780478	263000	1697931
18	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	0	1087	0	0	1087
19	NUMALIGARH REFINERY LTD.	0	0	0	16561	0	0	16561
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1262763</b>	<b>780478</b>	<b>263000</b>	<b>2306241</b>
	<b>FERTILIZERS</b>							
20	FERTILIZER CORPN. OF INDIA LTD.	0	0	0	0	0	489	489
21	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	0	0	0	79157	0	0	79157
22	MADRAS FERTILIZERS LTD.	35770	0	0	35944	0	0	71714
23	NATIONAL FERTILIZERS LTD.	0	0	0	500227	0	0	500227
24	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	150989	0	0	150989
	<b>SUB TOTAL :</b>	<b>35770</b>	<b>0</b>	<b>0</b>	<b>766317</b>	<b>0</b>	<b>489</b>	<b>802576</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>							
25	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	2557	0	0	2557

26	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	0	0	0	-884	0	0	-884
27	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	7031	0	12288	19319
28	HINDUSTAN FLUOROCARBONS LIMITED	0	0	0	473	0	0	473
29	HINDUSTAN INSECTICIDES LTD.	0	0	0	5931	0	0	5931
30	HINDUSTAN ORGANIC CHEMICALS LTD.	0	0	0	5291	0	0	5291
31	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	172372	0	0	172372
32	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	0	0	0	296	0	0	296
33	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	452	0	0	452
34	ORISSA DRUGS & CHEMICALS LTD.	0	15	177	38	0	0	230
35	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	1413	0	0	1413
<b>SUB TOTAL :</b>		<b>0</b>	<b>15</b>	<b>177</b>	<b>194970</b>	<b>0</b>	<b>12288</b>	<b>207450</b>
	<b>HEAVY ENGINEERING</b>							
36	BHARAT BHARI UDYOG NIGAM LTD.	6796	0	0	0	0	150	6946
37	BHEL ELECTRICAL MACHINES LTD.	0	0	0	214	0	0	214
38	BRAITHWAITE & CO. LTD.	0	0	0	421	0	0	421
39	BURN STANDARD COMPANY LTD.	0	0	0	4422	0	0	4422
40	HEAVY ENGINEERING CORPN. LTD.	0	0	0	13891	0	0	13891
41	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	1209	0	0	1209
<b>SUB TOTAL :</b>		<b>6796</b>	<b>0</b>	<b>0</b>	<b>20157</b>	<b>0</b>	<b>150</b>	<b>27103</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>							
42	ANDREW YULE & COMPANY LTD.	0	0	0	4437	0	197	4634
43	BEL OPTRONICS DEVICES LTD.	0	0	0	2473	0	0	2473
44	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	2370	0	0	2370
45	CENTRAL ELECTRONICS LTD.	0	0	0	2807	0	0	2807
46	ELECTRONICS CORPN. OF INDIA LTD.	0	0	0	35399	0	0	35399
47	HMT LTD.	0	0	0	3027	0	430	3457
48	HMT MACHINE TOOLS LTD.	0	0	1149	1909	0	0	3058
49	HMT WATCHES LTD.	0	0	49416	0	0	0	49416
50	I T I LTD.	0	0	0	92083	0	0	92083
51	IDPL (TAMILNADU) LTD.	0	0	2915	0	0	0	2915
52	INSTRUMENTATION LTD.	1675	397	0	11578	0	0	13650
53	RICHARDSON & CRUDDAS(1972) LTD.	10177	0	0	0	0	0	10177
54	SCOOTERS INDIA LTD.	0	0	0	1060	0	0	1060
55	VIGNYAN INDUSTRIES LTD.	0	0	0	193	0	0	193
<b>SUB TOTAL :</b>		<b>11852</b>	<b>397</b>	<b>53480</b>	<b>157336</b>	<b>0</b>	<b>627</b>	<b>223692</b>
	<b>TRANSPORTATION EQUIPMENT</b>							
56	BEML LTD.	0	0	0	17824	0	0	17824
57	HINDUSTAN SHIPYARD LTD.	0	0	0	8843	0	0	8843
58	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	0	337	0	10	347
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>27004</b>	<b>0</b>	<b>10</b>	<b>27014</b>
	<b>CONSUMER GOODS</b>							
59	HINDUSTAN NEWSPRINT LTD.	0	0	0	11639	0	845	12484
60	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	30906	0	0	30906
61	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	164874	0	0	803924	0	47543	1016341
62	HINDUSTAN SALTS LTD.	0	0	0	69	0	0	69

63	HLL LIFECARE LTD.	0	0	0	27764	0	9893	37657
64	HOOGHLY PRINTING COMPANY LTD.	0	0	0	259	0	0	259
65	NAGALAND PULP & PAPER COMPANY LTD.	3328	0	0	0	0	0	3328
66	NEPA LTD.	0	0	0	213	0	0	213
67	SAMBHAR SALTS LTD.	0	0	0	138	0	0	138
<b>SUB TOTAL :</b>		<b>168202</b>	<b>0</b>	<b>0</b>	<b>874912</b>	<b>0</b>	<b>58281</b>	<b>1101395</b>
	<b>TEXTILES</b>							
68	BIRDS JUTE & EXPORTS LTD.	0	0	631	0	0	0	631
69	BRITISH INDIA CORPORATION LTD.	0	0	0	0	9678	0	9678
70	NATIONAL TEXTILE CORPN. LTD.	0	0	0	491	0	0	491
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>631</b>	<b>491</b>	<b>9678</b>	<b>0</b>	<b>10800</b>
	<b>POWER GENERATION</b>							
71	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	0	1451	0	0	1451
72	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	0	0	16000	0	0	16000
73	THDC INDIA LTD.	0	0	0	43634	0	0	43634
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>61085</b>	<b>0</b>	<b>0</b>	<b>61085</b>
	<b>POWER TRANSMISSION</b>							
74	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	120000	0	0	120000
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>120000</b>	<b>0</b>	<b>0</b>	<b>120000</b>
	<b>TRADING &amp; MARKETING</b>							
75	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	0	0	0	31	0	0	31
76	COTTON CORPN. OF INDIA LTD.	0	0	0	1486300	0	0	1486300
77	FOOD CORPN. OF INDIA	0	0	0	7523211	0	0	7523211
78	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	2503	0	0	2503
79	M M T C LTD.	0	0	0	28665	0	0	28665
80	M S T C LTD.	0	0	0	66148	0	42441	108589
81	P E C LTD.	0	0	0	129889	0	0	129889
82	STATE TRADING CORPN. OF INDIA LTD.	0	0	0	112786	0	0	112786
83	STCL LTD.	0	0	0	118526	0	0	118526
84	THE JUTE CORPN. OF INDIA LTD.	0	0	0	0	0	72	72
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>9468059</b>	<b>0</b>	<b>42513</b>	<b>9510572</b>
	<b>TRANSPORT SERVICES</b>							
85	AIR INDIA CHARTERS LTD.	0	0	105274	100208	0	0	205482
86	AIR INDIA LTD.	0	0	0	1441685	0	0	1441685
87	AIRLINE ALLIED SERVICES LTD.	0	0	105510	0	0	0	105510
88	AIRPORTS AUTHORITY OF INDIA	0	0	0	0	0	6799	6799
89	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	129	129
90	FRESH & HEALTHY ENTERPRISES LTD.	0	0	4290	0	0	0	4290
91	SHIPPING CORPORATION OF INDIA LTD.	0	0	0	3500	0	0	3500
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>215074</b>	<b>1545393</b>	<b>0</b>	<b>6928</b>	<b>1767395</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>							
92	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	174	0	0	3	0	0	177
93	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	10431	0	0	10431
94	HINDUSTAN STEELWORKS COSTN. LTD.	54774	0	0	55310	0	0	110084
95	RAIL VIKAS NIGAM LTD.	939788	0	0	0	0	17324	957112
<b>SUB TOTAL :</b>		<b>994736</b>	<b>0</b>	<b>0</b>	<b>65744</b>	<b>0</b>	<b>17324</b>	<b>1077804</b>



	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>							
96	BROADCAST ENGG. CONSULTANTS INDIA LTD.	0	0	0	2620	0	0	2620
97	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	219252	0	0	219252
98	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0	5236	0	0	5236
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>227108</b>	<b>0</b>	<b>0</b>	<b>227108</b>
	<b>TOURIST SERVICES</b>							
99	DONYI POLO ASHOK HOTEL LTD.	0	0	0	27	0	0	27
100	HOTEL CORPN. OF INDIA LTD.	1035	0	0	0	0	120	1155
101	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	92	0	0	0	92
102	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	161	0	0	1721	1882
	<b>SUB TOTAL :</b>	<b>1035</b>	<b>0</b>	<b>253</b>	<b>27</b>	<b>0</b>	<b>1841</b>	<b>3156</b>
	<b>FINANCIAL SERVICES</b>							
103	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	10278	0	0	10278
104	INDIAN RAILWAY FINANCE CORPORATION LTD.	0	0	0	20000	0	0	20000
105	NATIONAL FILM DEV. CORPN. LTD.	0	0	0	636	0	0	636
106	POWER FINANCE CORPORATION LTD.	0	0	0	192817	0	213624	406441
107	RURAL ELECTRIFICATION CORPN. LTD.	0	0	0	73400	0	0	73400
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>297131</b>	<b>0</b>	<b>213624</b>	<b>510755</b>
	<b>TELECOMMUNICATION SERVICES</b>							
108	BHARAT SANCHAR NIGAM LTD.	0	0	0	632871	0	0	632871
109	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	0	659543	0	0	659543
110	MILLENNIUM TELECOM LTD.	0	0	49	0	0	0	49
111	TCIL BINA TOLL ROAD LTD.	0	0	0	274	0	0	274
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>49</b>	<b>1292688</b>	<b>0</b>	<b>0</b>	<b>1292737</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>							
112	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	50	0	0	0	50
113	BUNDELKHAND SAUR URJA LTD.	0	0	21	0	0	0	21
114	CHEYUR INFRA LTD.	0	0	1	0	0	0	1
115	CHHATTIS GARH-WR TRANSMISSION LTD.	0	0	45	0	0	0	45
116	COASTAL TAMIL NADU POWER LTD.	0	0	1101	0	0	0	1101
117	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	300	0	0	0	0	0	300
118	JAGDISHPUR PAPER MILLS LTD.	0	0	1061	0	0	0	1061
119	MAHANADI BASIN POWER LTD.	0	0	1340	0	0	0	1340
120	MJSJ COAL LTD.	0	0	676	0	0	0	676
121	MNH SHAKTI LTD.	0	0	90	0	0	0	90
122	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	37	0	0	0	37
123	NEYVELI UTTAR PRADESH POWER LTD	0	0	296	0	0	0	296
124	NLC TAMIL NADU POWER LTD.	0	0	98052	0	0	0	98052
125	ODISHA INFRAPOWER LTD.	0	0	10	0	0	0	10
126	ORISSA INTEGRATED POWER LTD.	0	0	2654	0	0	0	2654
127	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	0	1835	0	0	1835
128	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	32	0	0	12	44

129	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	0	0	32	0	0	0	32
130	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	4	0	0	388	392
131	SIPAT TRANSMISSION LTD.	0	0	44	0	0	0	44
132	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	5	0	0	0	5
133	TANDA TRANSMISSION COMPANY LTD.	0	0	96	0	0	0	96
<b>SUB TOTAL :</b>		<b>300</b>	<b>0</b>	<b>105647</b>	<b>1835</b>	<b>0</b>	<b>400</b>	<b>108182</b>
<b>GRAND TOTAL :</b>		<b>1218691</b>	<b>412</b>	<b>433166</b>	<b>17859399</b>	<b>1473917</b>	<b>894812</b>	<b>21880397</b>

STATEMENT - 10								
DETAILS OF LONG TERM BORROWINGS (SECURED+UNSECURED) OF CPSEs AS ON 31.3.2015								
(₹ in Lakhs)								
S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
	<b>AGRO BASED INDUSTRIES</b>							
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV. CORP.LTD	26206	0	0	0	0	0	26206
2	HPCL BIOFUELS LTD.	0	0	0	30880	0	0	30880
3	NATIONAL SEEDS CORPN. LTD.	0	0	0	132	0	0	132
	<b>SUB TOTAL :</b>	<b>26206</b>	<b>0</b>	<b>0</b>	<b>31012</b>	<b>0</b>	<b>0</b>	<b>57218</b>
	<b>COAL</b>							
4	EASTERN COALFIELDS LTD.	0	0	0	0	16433	0	16433
5	MAHANADI COALFIELDLS LTD.	0	0	0	0	0	690	690
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>16433</b>	<b>690</b>	<b>17123</b>
	<b>CRUDE OIL</b>							
6	BHARAT PETRO RESOURCES LTD.	0	0	65000	0	0	0	65000
7	OIL INDIA LTD.	0	0	0	0	834108	0	834108
8	ONGC VIDESH LTD.	0	0	661423	1111860	1795935	157576	3726794
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>726423</b>	<b>1111860</b>	<b>2630043</b>	<b>157576</b>	<b>4625902</b>
	<b>OTHER MINERALS &amp; METALS</b>							
9	KIOCL LTD.	0	0	0	0	0	75	75
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>75</b>
	<b>STEEL</b>							
10	MISHRA DHATU NIGAM LTD.	80	0	0	1076	0	278	1434
11	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	6652	0	0	6652
12	STEEL AUTHORITY OF INDIA LTD.	0	0	0	0	346940	1055616	1402556
	<b>SUB TOTAL :</b>	<b>80</b>	<b>0</b>	<b>0</b>	<b>7728</b>	<b>346940</b>	<b>1055894</b>	<b>1410642</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>							
13	BHARAT PETROLEUM CORPN. LTD.	0	0	0	0	1005601	168100	1173701
14	CHENNAI PETROLEUM CORPORATION LTD.	0	0	0	0	0	100000	100000
15	GAIL (INDIA) LTD.	0	0	0	491949	0	289500	781449
16	GAIL GAS LTD.	0	0	0	7862	0	5249	13111
17	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	1353233	0	132350	1485583
18	INDIAN OIL CORPORATION LTD.	0	0	0	0	1637631	1635495	3273126
19	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	325713	0	392219	68533	786465
20	NUMALIGARH REFINERY LTD.	0	0	0	46943	0	3360	50303
	<b>SUB TOTAL :</b>	<b>0</b>	<b>0</b>	<b>325713</b>	<b>1899987</b>	<b>3035451</b>	<b>2402587</b>	<b>7663738</b>
	<b>FERTILIZERS</b>							
21	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	13138	0	0	0	0	0	13138
22	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	16149	0	0	0	0	0	16149
23	HINDUSTAN FERTILIZER CORPN. LTD.	191614	0	0	0	0	734623	926237
24	MADRAS FERTILIZERS LTD.	19654	0	0	0	0	0	19654
25	NATIONAL FERTILIZERS LTD.	0	0	0	154000	20474	4016	178490
26	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	37456	0	0	37456
	<b>SUB TOTAL :</b>	<b>240555</b>	<b>0</b>	<b>0</b>	<b>191456</b>	<b>20474</b>	<b>738639</b>	<b>1191124</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>							
27	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	12952	0	0	0	0	82	13034

28	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	676	0	0	0	676
29	HINDUSTAN ANTIBIOTICS LTD.	16271	0	0	0	0	11783	28054
30	HINDUSTAN FLUOROCARBONS LIMITED	1344	0	392	297	0	0	2033
31	HINDUSTAN INSECTICIDES LTD.	1364	0	0	0	0	0	1364
32	HINDUSTAN ORGANIC CHEMICALS LTD.	704	0	0	1914	0	25000	27618
33	INDIAN DRUGS & PHARMACEUTICALS LTD.	480120	0	0	0	0	29467	509587
34	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	477	0	0	477
35	ORISSA DRUGS & CHEMICALS LTD.	423	0	0	122	0	1061	1606
36	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	1153	0	0	0	0	0	1153
<b>SUB TOTAL :</b>		<b>514331</b>	<b>0</b>	<b>1068</b>	<b>2810</b>	<b>0</b>	<b>67393</b>	<b>585602</b>
	<b>HEAVY ENGINEERING</b>							
37	BHARAT BHARI UDYOG NIGAM LTD.	550	0	0	0	0	0	550
38	BHARAT HEAVY ELECTRICALS LTD.	0	0	0	0	0	6100	6100
39	BHARAT WAGON & ENGG. CO. LTD.	1379	0	0	0	0	0	1379
40	BRAITHWAITE & CO. LTD.	639	33	0	0	0	0	672
41	BURN STANDARD COMPANY LTD.	3500	411	0	80	0	0	3991
42	HEAVY ENGINEERING CORPN. LTD.	3831	0	0	0	0	0	3831
43	TUNGABHADRA STEEL PRODUCTS LTD.	531	0	0	0	0	0	531
<b>SUB TOTAL :</b>		<b>10430</b>	<b>444</b>	<b>0</b>	<b>80</b>	<b>0</b>	<b>6100</b>	<b>17054</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>							
44	ANDREW YULE & COMPANY LTD.	0	0	0	1709	0	1422	3131
45	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	0	0	400	400
46	CENTRAL ELECTRONICS LTD.	2282	0	0	0	0	0	2282
47	HINDUSTAN CABLES LTD.	273234	0	0	178521	0	141848	593603
48	HMT BEARINGS LTD.	6781	0	0	0	0	0	6781
49	HMT CHINAR WATCHES LTD.	8250	0	0	0	0	16750	25000
50	HMT LTD.	4845	0	0	986	0	0	5831
51	HMT MACHINE TOOLS LTD.	19035	0	0	0	0	0	19035
52	HMT WATCHES LTD.	75414	0	0	0	0	0	75414
53	I T I LTD.	30156	0	0	0	0	0	30156
54	IDPL (TAMILNADU) LTD.	0	0	4466	0	0	0	4466
55	INSTRUMENTATION LTD.	0	12991	0	0	0	0	12991
56	SCOOTERS INDIA LTD.	2189	0	0	0	0	0	2189
<b>SUB TOTAL :</b>		<b>422186</b>	<b>12991</b>	<b>4466</b>	<b>181216</b>	<b>0</b>	<b>160420</b>	<b>781279</b>
	<b>TRANSPORTATION EQUIPMENT</b>							
57	BEML LTD.	0	1252	0	3878	0	36263	41393
58	COCHIN SHIPYARD LTD.	0	0	0	0	0	12300	12300
59	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	0	0	0	0	0	2150	2150
60	GOA SHIPYARD LTD.	0	0	0	0	0	2377	2377
61	HINDUSTAN AERONAUTICS LTD.	0	0	0	0	0	428	428
62	HINDUSTAN SHIPYARD LTD.	37221	0	0	0	0	0	37221
63	HOOGHLY DOCK AND PORT ENGINEERS LTD.	2297	0	0	0	0	154	2451
64	MAZAGON DOCK SHIPBUILDERS LTD.	0	0	0	0	0	7943	7943
<b>SUB TOTAL :</b>		<b>39518</b>	<b>1252</b>	<b>0</b>	<b>3878</b>	<b>0</b>	<b>61615</b>	<b>106263</b>
	<b>CONSUMER GOODS</b>							
65	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5214	0	0	0	0	0	5214
66	CEMENT CORPN. OF INDIA LTD.	15090	0	0	0	0	3700	18790
67	HINDUSTAN NEWSPRINT LTD.	0	0	0	270	0	0	270

68	HINDUSTAN PAPER CORPORATION LTD.	30601	0	0	0	0	0	30601
69	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	10787	0	12965	23752
70	HINDUSTAN SALTS LTD.	115	0	0	0	0	0	115
71	HLL LIFECARE LTD.	0	0	0	0	2255	2899	5154
72	HOOGLHY PRINTING COMPANY LTD.	0	0	0	30	0	0	30
73	NAGALAND PULP & PAPER COMPANY LTD.	1510	0	0	0	0	0	1510
74	NEPA LTD.	6965	0	0	0	0	0	6965
75	SAMBHAR SALTS LTD.	0	0	3403	0	0	0	3403
<b>SUB TOTAL :</b>		<b>59495</b>	<b>0</b>	<b>3403</b>	<b>11087</b>	<b>2255</b>	<b>19564</b>	<b>95804</b>
	<b>TEXTILES</b>							
76	BIRDS JUTE & EXPORTS LTD.	1972	0	478	0	0	0	2450
77	BRITISH INDIA CORPORATION LTD.	21336	0	0	0	0	0	21336
78	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	42924	0	0	0	0	0	42924
<b>SUB TOTAL :</b>		<b>66232</b>	<b>0</b>	<b>478</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>66710</b>
	<b>POWER GENERATION</b>							
79	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	0	170412	0	34345	204757
80	NEYVELI LIGNITE CORPN. LTD.	0	0	0	122500	46746	110000	279246
81	NHDC LTD.	0	0	0	19013	0	33750	52763
82	NHPC LTD.	0	0	0	517367	0	1299736	1817103
83	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	29096	0	0	50125	40071	333250	452542
84	NTPC LTD.	0	0	0	2083585	2269187	3500461	7853233
85	NUCLEAR POWER CORPN. OF INDIA LTD.	425719	0	0	200000	157650	942420	1725789
86	SJVN LTD.	0	0	0	27965	217377	0	245342
87	THDC INDIA LTD.	0	0	0	73999	16252	237315	327566
<b>SUB TOTAL :</b>		<b>454815</b>	<b>0</b>	<b>0</b>	<b>3264966</b>	<b>2747283</b>	<b>6491277</b>	<b>12958341</b>
	<b>POWER TRANSMISSION</b>							
88	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	760000	2671367	5506217	8937584
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>760000</b>	<b>2671367</b>	<b>5506217</b>	<b>8937584</b>
	<b>TRADING &amp; MARKETING</b>							
89	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	5473	605	0	0	6078
90	FOOD CORPN. OF INDIA	0	0	0	0	0	1300000	1300000
91	KARNATAKA TRADE PROMOTION ORGANISATION	0	0	774	0	0	0	774
92	M S T C LTD.	0	0	0	0	0	741	741
93	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	0	0	0	0	1981	1981
94	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	600	0	0	0	0	0	600
95	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	2006	0	0	0	0	0	2006
96	STATE TRADING CORPN. OF INDIA LTD.	0	0	0	17628	0	0	17628
97	TAMIL NADU TRADE PROMOTION ORGANISATION	0	0	323	0	0	481	804
<b>SUB TOTAL :</b>		<b>2606</b>	<b>0</b>	<b>6570</b>	<b>18233</b>	<b>0</b>	<b>1303203</b>	<b>1330612</b>
	<b>TRANSPORT SERVICES</b>							
98	AIR INDIA CHARTERS LTD.	0	0	0	167752	0	9500	177252
99	AIR INDIA ENGINEERING SERVICES LTD.	0	0	36660	0	0	0	36660
100	AIR INDIA LTD.	0	0	0	1276449	0	2238061	3514510
101	AIRPORTS AUTHORITY OF INDIA	0	0	0	0	4240	124500	128740
102	CONCOR AIR LTD.	0	0	12500	0	0	0	12500
103	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	86423	5888	92311

104	KAMARAJAR PORT LTD.	0	0	0	0	0	46012	46012
105	PAWAN HANS LTD.	47022	0	0	0	0	3983	51005
106	SHIPPING CORPORATION OF INDIA LTD.	0	0	0	556994	0	0	556994
<b>SUB TOTAL :</b>		<b>47022</b>	<b>0</b>	<b>49160</b>	<b>2001195</b>	<b>90663</b>	<b>2427944</b>	<b>4615984</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>							
107	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	50	0	0	0	0	765	815
108	HINDUSTAN STEELWORKS COSTN. LTD.	190	0	0	0	0	0	190
109	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	3150	0	0	0	3150
110	KONKAN RAILWAY CORPORATION LTD.	0	0	0	0	0	121170	121170
111	RAIL VIKAS NIGAM LTD.	0	0	0	0	0	205291	205291
<b>SUB TOTAL :</b>		<b>240</b>	<b>0</b>	<b>3150</b>	<b>0</b>	<b>0</b>	<b>327226</b>	<b>330616</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH. CONSULTANCY SERVICES</b>							
112	HSCC (INDIA) LTD.	0	0	0	0	0	589	589
113	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	5261	4241	9502
114	POWER SYSTEM OPERATION CORPORATION LTD.	0	130	0	0	0	0	130
115	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	6900	0	0	4712	0	0	11612
<b>SUB TOTAL :</b>		<b>6900</b>	<b>130</b>	<b>0</b>	<b>4712</b>	<b>5261</b>	<b>4830</b>	<b>21833</b>
	<b>TOURIST SERVICES</b>							
116	ASSAM ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	352	352
117	HOTEL CORPN. OF INDIA LTD.	0	0	14980	0	0	0	14980
118	INDIA TOURISM DEV. CORPN. LTD.	4	0	0	0	0	0	4
<b>SUB TOTAL :</b>		<b>4</b>	<b>0</b>	<b>14980</b>	<b>0</b>	<b>0</b>	<b>352</b>	<b>15336</b>
	<b>FINANCIAL SERVICES</b>							
119	HOUSING & URBAN DEV. CORPN. LTD.	0	0	0	6982	50996	1773536	1831514
120	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	1010038	0	1907302	2917340
121	INDIAN RAILWAY FINANCE CORPORATION LTD.	0	0	0	1972	1088374	5088068	6178414
122	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	26669	0	0	163653	301302	221329	712953
123	INDIAN VACCINE CORP. LTD.	0	0	0	0	0	5	5
124	NATIONAL FILM DEV. CORPN. LTD.	0	0	0	181	0	4	185
125	POWER FINANCE CORPORATION LTD.	0	0	0	1012600	767948	14716798	16497346
126	RURAL ELECTRIFICATION CORPN. LTD.	0	0	0	0	1349386	11767446	13116832
<b>SUB TOTAL :</b>		<b>26669</b>	<b>0</b>	<b>0</b>	<b>2195426</b>	<b>3558006</b>	<b>35474488</b>	<b>41254589</b>
	<b>TELECOMMUNICATION SERVICES</b>							
127	BHARAT SANCHAR NIGAM LTD.	0	0	0	5619	0	0	5619
128	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	0	249500	0	751397	1000897
129	TCIL BINA TOLL ROAD LTD.	0	0	4867	5762	0	0	10629
<b>SUB TOTAL :</b>		<b>0</b>	<b>0</b>	<b>4867</b>	<b>260881</b>	<b>0</b>	<b>751397</b>	<b>1017145</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>							
130	BHARAT PETRO RESOURCES JPDA	0	0	3841	0	0	0	3841
131	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	30000	0	0	0	0	0	30000
132	BHARTIYA RAIL BIJLEE CO. LTD.	0	0	0	0	0	299817	299817
133	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0	0	0	104100	0	108237	212337
134	CHHATTISHGARH SURGUJA POWER LTD.	0	0	771	0	0	4000	4771
135	COASTAL KARNATAKA POWER LTD.	0	0	160	0	0	0	160
136	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	4000	0	4000



137	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	0	0	144108	144108
138	DEOGHAR MEGA POWER LTD.	0	0	477	0	0	0	477
139	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	1558	1558
140	KOLKATA METRO RAIL CORPORATION LTD.	9900	9600	0	0	106598	0	126098
141	NLC TAMIL NADU POWER LTD.	0	0	0	321830	0	0	321830
142	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	2	0	0	0	2
143	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	0	9134	9134
144	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	1634	1634
145	SIPAT TRANSMISSION LTD.	0	0	0	0	0	5	5
146	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	4186	0	0	0	4186
147	VIZAG TRANSMISSION LTD.	0	0	13836	0	0	0	13836
SUB TOTAL :		39900	9600	23273	425930	110598	568493	1177794
GRAND TOTAL :		1957189	24417	1163551	12372457	15234774	57525980	88278368

# STATEMENT - 11

## STATE-WISE CPSEs WITH GROSS BLOCK & EMPLOYMENT DURING THE LAST THREE YEARS

(Gross Block : ₹ in Lakhs)

(Employment in Numbers)

S.No.	State / CPSE	2014-15		2013-14		2012-13	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
	<b>ANDAMAN &amp; NICOBAR ISLANDS</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	13	0	11	0	0
2	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	1762	1054	1759	1182	1757	1193
3	BHARAT SANCHAR NIGAM LTD.	28833	246	0	0	27128	0
4	CENTRAL WAREHOUSING CORPN.	131	2	131	2	131	2
5	HOUSING & URBAN DEV. CORPN. LTD.	0	2	0	2	0	2
6	I T I LTD.	0	1	0	1	0	0
7	INDIAN OIL CORPORATION LTD.	7467	38	6523	40	5655	39
8	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	0	0	1676	0
9	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	29
10	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	0	72	0	0	0
11	NHPC LTD.	14	4	17	6	18	8
12	NTPC LTD.	5854	1	5817	1	5676	1
13	OIL & NATURAL GAS CORPORATION LTD.	0	0	217909	0	216050	0
14	POWER GRID CORPORATION OF INDIA LTD.	0	1	0	1	0	1
15	SHIPPING CORPORATION OF INDIA LTD.	85	4	498	4	84	0
<b>STATE TOTAL :</b>		<b>44146</b>	<b>1366</b>	<b>232726</b>	<b>1250</b>	<b>258175</b>	<b>1275</b>
	<b>ANDHRA PRADESH</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	10	0	28	0	0
2	AIR INDIA LTD.	566099	1066	613788	1226	609312	1226
3	AIRPORTS AUTHORITY OF INDIA	24375	722	22435	722	18461	744
4	BALMER LAWRIE & CO. LTD.	1268	23	850	22	740	23
5	BEML LTD.	0	9	579	152	570	154
6	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1	3	1	3	1	4
7	BHARAT BROADBAND NETWORK LTD.	144	4	0	5	0	0
8	BHARAT DYNAMICS LTD.	4206	91	86543	3263	78107	3295
9	BHARAT ELECTRONICS LTD.	29591	835	27411	854	24120	885
10	BHARAT HEAVY ELECTRICALS LTD.	20916	1099	17930	1077	195749	5906
11	BHARAT PETROLEUM CORPN. LTD.	78692	165	122383	326	112006	318
12	BHARAT SANCHAR NIGAM LTD.	1223423	23963	1203108	24927	1199383	26378
13	BRIDGE & ROOF CO.(INDIA) LTD.	2474	19	2720	19	3605	131
14	CEMENT CORPN. OF INDIA LTD.	23867	267	29862	367	29327	360
15	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	142	2	132	2	127	0
16	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	0	1	527	1
17	CENTRAL WAREHOUSING CORPN.	10705	265	11075	530	10058	616
18	COAL INDIA LTD.	3	4	3	4	3	5

19	CONTAINER CORPORATION OF INDIA LTD.	4018	22	8230	67	6062	61
20	COTTON CORPN. OF INDIA LTD.	185	83	293	191	291	204
21	DREDGING CORPN. OF INDIA LTD.	305029	326	327217	333	196362	334
22	E. C. G. C. LTD.	205	22	180	21	172	22
23	ELECTRONICS CORPN. OF INDIA LTD.	19	18	31501	2637	26996	3172
24	ENGINEERING PROJECTS (INDIA) LTD.	14	18	14	20	11	22
25	ENGINEERS INDIA LTD.	0	36	0	51	0	64
26	FERRO SCRAP NIGAM LTD.	2342	161	2813	167	2667	173
27	FERTILIZER CORPN. OF INDIA LTD.	4723	2	27353	3	27353	4
28	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	38	27	0	35	39	32
29	FOOD CORPN. OF INDIA	19055	5666	18203	5554	17515	6137
30	GAIL (INDIA) LTD.	147478	127	130265	159	125993	158
31	GAIL GAS LTD.	431	0	399	4	0	4
32	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	13	1	29	1	13	1
33	HINDUSTAN AERONAUTICS LTD.	0	0	41313	2319	82877	2436
34	HINDUSTAN ANTIBIOTICS LTD.	3	7	3	9	3	9
35	HINDUSTAN CABLES LTD.	0	0	15894	666	15892	718
36	HINDUSTAN FLUOROCARBONS LIMITED	0	0	7283	179	7158	157
37	HINDUSTAN INSECTICIDES LTD.	6	11	3	5	4	9
38	HINDUSTAN PAPER CORPORATION LTD.	18	1	15	1	0	2
39	HINDUSTAN PETROLEUM CORPN. LTD.	1366579	1965	1308778	1989	1229764	2018
40	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	3	2
41	HINDUSTAN PREFAB LTD.	0	2	0	0	0	1
42	HINDUSTAN SHIPYARD LTD.	25346	1641	25220	1828	23982	2154
43	HINDUSTAN STEELWORKS COSTN. LTD.	320	7	404	11	560	16
44	HLL LIFECARE LTD.	16	4	35	32	18	33
45	HMT BEARINGS LTD.	0	0	2973	62	3023	65
46	HMT LTD.	677	49	677	50	669	50
47	HMT MACHINE TOOLS LTD.	9005	673	9005	767	9060	1266
48	HOUSING & URBAN DEV. CORPN. LTD.	169	5	176	29	207	31
49	HSCC (INDIA) LTD.	0	1	0	1	0	1
50	I T I LTD.	25	15	25	24	25	100
51	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	0	0	1
52	INDIA TOURISM DEV. CORPN. LTD.	1	0	1	2	1	2
53	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	682	3
54	INDIAN OIL CORPORATION LTD.	297798	491	327316	914	288802	871
55	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	114	78	171	117	172	134
56	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	0	0	0	3	0	3
57	INSTRUMENTATION LTD.	0	5	4	7	4	7
58	IRCON INFRASTRUCTURE & SERVICES LTD.	147	0	147	0	147	0
59	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	32	0	43	0	36
60	KIOCL LTD.	0	20	6	34	6	34
61	M M T C LTD.	483	62	573	100	563	96
62	M S T C LTD.	58	28	43	24	56	22

63	MADRAS FERTILIZERS LTD.	23	21	44	34	44	37
64	MANGALORE REFINERY & PETROCHEMICALS LTD.	626	0	626	0	626	0
65	MECON LTD.	97	24	86	33	49	30
66	MINERAL EXPLORATION CORPN. LTD.	0	0	756	58	763	59
67	MISHRA DHATU NIGAM LTD.	39614	836	36491	904	33477	976
68	NATIONAL ALUMINIUM COMPANY LTD.	36467	47	36421	49	27369	48
69	NATIONAL BLDG. CONSTN. CORPN. LTD.	34	41	34	53	3	39
70	NATIONAL FERTILIZERS LTD.	2	0	0	0	0	0
71	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	32	18	30	17	24	17
72	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	199	0
73	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	2	14	2	17	0	16
74	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	1	2	1	2
75	NATIONAL SEEDS CORPN. LTD.	0	0	1014	70	726	78
76	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3418	6	3385	35	3345	34
77	NATIONAL TEXTILE CORPN. LTD.	929	146	1011	150	171	137
78	NEYVELI LIGNITE CORPN. LTD.	10	3	5	3	5	2
79	NMDC Ltd.	35501	32	34534	36	34130	615
80	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	1	0	1	0	0
81	NTPC LTD.	936992	784	1381238	2186	1334450	2306
82	NUMALIGARH REFINERY LTD.	2	0	2	0	13	0
83	OIL & NATURAL GAS CORPORATION LTD.	884010	1548	3193316	1521	2467193	1471
84	OIL INDIA LTD.	13006	61	2252	75	0	60
85	P E C LTD.	0	3	0	13	0	13
86	POWER GRID CORPORATION OF INDIA LTD.	1023321	329	976307	460	692353	471
87	PROJECTS & DEVELOPMENT INDIA LTD.	2	3	2	3	3	4
88	RAIL VIKAS NIGAM LTD.	0	53	0	44	215	33
89	RAILTEL CORPORATION INDIA LTD.	35094	25	31296	61	20214	58
90	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	9	0	9	200	13
91	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	31	19	976	25	975	24
92	RASHTRIYA ISPAT NIGAM LTD.	2594447	17672	2423918	18127	2250839	17835
93	rites INFRASTRUCTURE SERVICES LTD.	71	0	71	0	0	0
94	rites LTD.	157	54	144	74	131	70
95	RURAL ELECTRIFICATION CORPN. LTD.	0	0	411	36	381	37
96	SCOOTERS INDIA LTD.	0	3	0	3	0	2
97	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	0	0	32785	1090	31570	1158
98	SJVN LTD.	0	9	0	9	0	7
99	STATE TRADING CORPN. OF INDIA LTD.	2035	29	519	29	260	35
100	STEEL AUTHORITY OF INDIA LTD.	7458	102	7834	109	7965	120
101	TATIYA ANDHRA MEGA POWER LTD.	0	0	0	0	948	0
102	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	8	0	7	0	7
103	THE JUTE CORPN. OF INDIA LTD.	3	16	3	12	3	29
104	URANIUM CORPORATION OF INDIA LTD.	190454	423	158605	429	132696	374
105	VIZAG TRANSMISSION LTD.	26983	4	0	0	0	0

106	WAPCOS LTD.	16	4	14	6	19	4
	<b>STATE TOTAL :</b>	<b>10001059</b>	<b>62502</b>	<b>12749515</b>	<b>77777</b>	<b>11390608</b>	<b>86932</b>
	<b>ARUNACHAL PRADESH</b>						
1	BHARAT PETROLEUM CORPN. LTD.	285	0	42	1	0	1
2	BRIDGE & ROOF CO.(INDIA) LTD.	433	0	442	0	2	0
3	DONYI POLO ASHOK HOTEL LTD.	180	26	179	46	175	27
4	ENGINEERING PROJECTS (INDIA) LTD.	0	1	0	1	0	2
5	FOOD CORPN. OF INDIA	2446	131	1552	135	1117	163
6	HINDUSTAN PREFAB LTD.	0	3	0	1	0	0
7	HOUSING & URBAN DEV. CORPN. LTD.	0	3	0	3	1	3
8	HSCC (INDIA) LTD.	0	2	0	0	0	1
9	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	2	0	2
10	INDIAN OIL CORPORATION LTD.	12572	31	5950	29	5480	31
11	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	0	0	0
12	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	1	0	0	0	2
13	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	3	0	3	0	0	0
14	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	2	17	2	25	0	21
15	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	0	1
16	NHPC LTD.	645938	455	617083	486	652371	571
17	NMDC Ltd.	0	0	0	586	0	0
18	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	637065	766	531689	840	421006	784
19	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	2	0	2	0
20	OIL INDIA LTD.	23531	113	22602	160	5828	145
21	POWER GRID CORPORATION OF INDIA LTD.	38467	72	27562	67	24498	79
22	RAILTEL CORPORATION INDIA LTD.	0	2	0	1	0	2
23	rites LTD.	0	4	0	6	0	5
24	SJVN LTD.	419	0	0	0	0	0
25	STEEL AUTHORITY OF INDIA LTD.	0	1	0	1	0	1
	<b>STATE TOTAL :</b>	<b>1361341</b>	<b>1629</b>	<b>1207108</b>	<b>2390</b>	<b>1110480</b>	<b>1841</b>
	<b>ASSAM</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	46	0	43	0	0
2	AIRLINE ALLIED SERVICES LTD.	1	0	0	0	0	0
3	AIRPORTS AUTHORITY OF INDIA	90630	1512	98544	1512	84122	1562
4	ANDREW YULE & COMPANY LTD.	13018	7659	12580	7684	12136	7664
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	3	1	0	2	0	0
6	ASSAM ASHOK HOTEL CORPN. LTD.	508	65	517	69	515	72
7	BEML LTD.	12	28	10	27	10	27
8	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1	5	1	5	1	2
9	BHARAT PETRO RESOURCES LTD.	570	0	120	0	0	0
10	BHARAT PETROLEUM CORPN. LTD.	14025	21	12157	22	10747	19
11	BHARAT PUMPS & COMPRESSORS LTD.	1	2	1	2	1	1
12	BHARAT SANCHAR NIGAM LTD.	288719	4183	279917	4415	271709	4669
13	BRAHMAPUTRA CRACKERS & POLYMER LTD.	598918	430	586073	352	550161	205

14	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	114341	829	114793	936	110041	977
15	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	95	0	0	0	0
16	BRIDGE & ROOF CO.(INDIA) LTD.	64	18	0	18	0	0
17	CEMENT CORPN. OF INDIA LTD.	7983	162	7924	196	7588	202
18	CENTRAL ELECTRONICS LTD.	0	0	0	1	0	0
19	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	44	0	44	473	60
20	CENTRAL WAREHOUSING CORPN.	1748	60	1694	65	1204	62
21	COAL INDIA LTD.	16499	2009	16060	2181	15706	2247
22	CONTAINER CORPORATION OF INDIA LTD.	721	5	639	6	501	6
23	E. C. G. C. LTD.	0	1	0	1	0	1
24	ELECTRONICS CORPN. OF INDIA LTD.	0	0	2	0	2	0
25	ENGINEERING PROJECTS (INDIA) LTD.	24	22	23	24	25	24
26	ENGINEERS INDIA LTD.	0	104	0	119	0	123
27	FOOD CORPN. OF INDIA	11561	2829	6754	3068	5202	3539
28	GAIL (INDIA) LTD.	26243	145	26351	145	26015	136
29	HINDUSTAN PAPER CORPORATION LTD.	99228	1752	97976	1954	96905	2107
30	HINDUSTAN PETROLEUM CORPN. LTD.	8949	27	7932	29	7332	27
31	HINDUSTAN PREFAB LTD.	0	2	0	3	0	0
32	HINDUSTAN STEELWORKS COSTN. LTD.	6	0	3	1	3	0
33	HOUSING & URBAN DEV. CORPN. LTD.	363	21	376	23	371	24
34	HSCC (INDIA) LTD.	1	5	0	5	1	3
35	I T I LTD.	0	6	0	1	0	0
36	INDIA TOURISM DEV. CORPN. LTD.	1	7	1	6	0	6
37	INDIAN OIL CORPORATION LTD.	881348	4344	817229	4593	783532	4754
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	18	31	39	26	34	25
39	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	29	0	1	0	6
40	M M T C LTD.	0	0	0	2	0	2
41	NATIONAL BLDG. CONSTN. CORPN. LTD.	325	39	16	29	27	19
42	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	5	0	5	3	5
43	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	4	0
44	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	190	69	191	49	0	60
45	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	1	1	1	1	1	1
46	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	1	2	1	2
47	NATIONAL SEEDS CORPN. LTD.	0	6	0	7	0	8
48	NATIONAL SMALL INDUSTRIES CORPN. LTD.	197	24	192	25	189	26
49	NATIONAL TEXTILE CORPN. LTD.	46	1	45	7	46	9
50	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	152	44	100	65	91	64
51	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	214499	739	209418	781	199825	841
52	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	2	0	143	18	142	48
53	NTPC LTD.	547520	280	477280	265	399872	254



54	NUMALIGARH REFINERY LTD.	433927	832	406995	818	363328	804
55	OIL & NATURAL GAS CORPORATION LTD.	2137681	6764	1949572	6821	1779016	6637
56	OIL INDIA LTD.	1464629	6784	1302451	6555	1167502	6940
57	PAWAN HANS LTD.	0	0	0	0	0	3
58	POWER FINANCE CORPORATION LTD.	0	1	0	2	0	2
59	POWER GRID CORPORATION OF INDIA LTD.	904078	426	704175	454	464661	486
60	RAILTEL CORPORATION INDIA LTD.	0	8	0	8	0	3
61	REC POWER DISTRIBUTION CO. LTD.	0	0	3	0	0	0
62	rites LTD.	0	14	0	29	0	33
63	RURAL ELECTRIFICATION CORPN. LTD.	31	10	27	10	26	11
64	SCOOTERS INDIA LTD.	0	1	0	0	0	0
65	SJVN LTD.	0	2	0	2	0	1
66	STEEL AUTHORITY OF INDIA LTD.	1246	26	1123	28	1131	31
67	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	3	1	3	1	2
68	THE JUTE CORPN. OF INDIA LTD.	7	141	7	102	7	174
69	WAPCOS LTD.	12	1	10	1	9	2
STATE TOTAL :		7880049	42722	7139467	43668	6360219	45018
	<b>BIHAR</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	29	0	27	0	0
2	BALMER LAWRIE & CO. LTD.	0	1	0	0	0	0
3	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1	3	1	3	1	3
4	BHARAT BROADBAND NETWORK LTD.	3	1	0	1	0	0
5	BHARAT PETROLEUM CORPN. LTD.	41937	124	36544	128	32828	110
6	BHARAT SANCHAR NIGAM LTD.	485750	5483	472559	5708	46407	6048
7	BHARAT WAGON & ENGG. CO. LTD.	2308	707	2305	751	2274	788
8	BHARTIYA RAIL BIJLEE CO. LTD.	489013	125	399093	125	250198	109
9	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2	2	2	3	0	4
10	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1060	333	1048	680	0	0
11	BRIDGE & ROOF CO.(INDIA) LTD.	0	78	0	92	0	0
12	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	792	0	755	1	764	2
13	CENTRAL WAREHOUSING CORPN.	2841	80	970	86	789	99
14	COAL INDIA LTD.	4	13	4	17	4	17
15	CONTAINER CORPORATION OF INDIA LTD.	477	3	476	3	493	4
16	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	42	0	0	0	0
17	DREDGING CORPN. OF INDIA LTD.	0	5	0	3	0	3
18	ENGINEERING PROJECTS (INDIA) LTD.	1	19	1	11	5	12
19	ENGINEERS INDIA LTD.	0	10	0	0	0	0
20	FOOD CORPN. OF INDIA	3957	3416	3736	3605	3710	3932
21	GAIL (INDIA) LTD.	1874	0	0	0	0	0
22	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	9	0	8	0	8	1
23	HINDUSTAN ANTIBIOTICS LTD.	3	21	3	26	3	26
24	HINDUSTAN FERTILIZER CORPN. LTD.	17970	2	17970	2	17970	2
25	HINDUSTAN PAPER CORPORATION LTD.	0	2	0	2	1	2
26	HINDUSTAN PETROLEUM CORPN. LTD.	48684	88	45140	95	36762	97

27	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	2	1
28	HINDUSTAN PREFAB LTD.	0	2	0	14	0	26
29	HINDUSTAN STEELWORKS COSTN. LTD.	320	2	321	6	324	6
30	HOUSING & URBAN DEV. CORPN. LTD.	183	17	182	17	180	18
31	HPCL BIOFUELS LTD.	75765	394	75787	394	72009	183
32	I T I LTD.	0	1	0	8	0	0
33	INDIA TOURISM DEV. CORPN. LTD.	530	34	494	38	455	38
34	INDIAN OIL CORPORATION LTD.	632083	1682	593914	1736	540489	1803
35	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1308	99	1311	101	1193	105
36	IRCON INFRASTRUCTURE & SERVICES LTD.	10	0	11	0	11	0
37	IRCON INTERNATIONAL LTD.	428	127	414	146	212	112
38	KANTI BIJLEE UTPADAN NIGAM LTD.	356318	195	297453	195	225379	168
39	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	9	0	30	0	28
40	MECON LTD.	0	0	0	0	0	1
41	NATIONAL BLDG. CONSTN. CORPN. LTD.	263	67	261	55	259	81
42	NATIONAL FERTILIZERS LTD.	23	20	0	0	0	0
43	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	0	0	0	0	1
44	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	31	0
45	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	891	3	1357	3	1620	0
46	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	92	217	96	273	0	346
47	NATIONAL SEEDS CORPN. LTD.	100	46	96	48	96	57
48	NATIONAL SMALL INDUSTRIES CORPN. LTD.	25	6	22	6	21	5
49	NATIONAL TEXTILE CORPN. LTD.	57	18	57	39	32	44
50	NHPC LTD.	152	40	153	90	155	105
51	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	143	18	0	0	0	0
52	NTPC LTD.	2848149	1767	2646567	1712	2315430	1716
53	NUMALIGARH REFINERY LTD.	1	0	1	0	1	0
54	OIL & NATURAL GAS CORPORATION LTD.	16573	0	16573	0	13760	0
55	OIL INDIA LTD.	531	109	858	135	0	99
56	POWER GRID CORPORATION OF INDIA LTD.	1021573	468	943687	482	783429	509
57	RAIL VIKAS NIGAM LTD.	0	11	0	8	0	6
58	RAILTEL CORPORATION INDIA LTD.	0	12	0	12	742	10
59	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	2	0	2	136	2
60	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	5	4	6	4	6	3
61	RASHTRIYA ISPAT NIGAM LTD.	37	8	40	5	40	6
62	REC POWER DISTRIBUTION CO. LTD.	2	1	1	0	0	0
63	rites LTD.	0	29	0	31	0	28
64	RURAL ELECTRIFICATION CORPN. LTD.	50	18	46	16	43	15
65	SCOOTERS INDIA LTD.	0	2	0	1	0	2
66	SJVN LTD.	1217	98	0	103	0	87
67	SJVN THERMAL PVT. LTD.	6073	30	4721	39	0	0
68	STEEL AUTHORITY OF INDIA LTD.	12822	12	12239	13	11096	24

69	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	9	7	9	5	9	6
70	THE JUTE CORPN. OF INDIA LTD.	5	80	5	59	5	75
71	WAPCOS LTD.	6	4	4	4	3	4
<b>STATE TOTAL :</b>		<b>6072430</b>	<b>16246</b>	<b>5577301</b>	<b>17199</b>	<b>4359385</b>	<b>16979</b>
	<b>CHANDIGARH</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	3	0	4	0	0
2	AIR INDIA LTD.	0	0	0	3	0	3
3	AIRPORTS AUTHORITY OF INDIA	40211	450	32044	450	26289	477
4	BALMER LAWRIE & CO. LTD.	0	3	0	0	0	0
5	BHARAT PETROLEUM CORPN. LTD.	585	33	598	32	590	32
6	CENTRAL WAREHOUSING CORPN.	988	55	988	62	988	59
7	COAL INDIA LTD.	20	14	20	15	20	17
8	E. C. G. C. LTD.	20	4	16	4	16	4
9	GAIL (INDIA) LTD.	90	10	86	12	81	9
10	HINDUSTAN PAPER CORPORATION LTD.	0	1	0	2	0	0
11	HINDUSTAN PETROLEUM CORPN. LTD.	5455	45	3893	48	3395	45
12	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	2	2
13	HMT LTD.	0	127	0	0	0	0
14	HOUSING & URBAN DEV. CORPN. LTD.	74	26	74	27	72	31
15	INDIAN OIL CORPORATION LTD.	15748	175	16832	164	15442	153
16	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	16	0	17	0	8	0
17	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	172	0	172	0	0	0
18	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	3	0	10	0	6
19	MECON LTD.	0	1	0	0	0	0
20	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	12	0	10	0	30
21	NATIONAL FERTILIZERS LTD.	164	47	0	0	0	0
22	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
23	NATIONAL SEEDS CORPN. LTD.	808	11	470	15	359	18
24	NATIONAL SMALL INDUSTRIES CORPN. LTD.	12	4	11	4	9	5
25	NHPC LTD.	0	25	0	77	759	72
26	NTPC ELECTRIC SUPPLY COMPANY LTD.	2	1	0	1	2	0
27	NTPC LTD.	0	0	0	4	0	0
28	POWER GRID CORPORATION OF INDIA LTD.	0	16	0	29	0	33
29	PUNJAB ASHOK HOTEL COMPANY LTD.	280	0	277	0	276	0
30	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	0
31	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	8	0	8	1496	6
32	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	6	0	0
33	RASHTRIYA ISPAT NIGAM LTD.	123	7	121	7	118	7
34	RITES LTD.	0	3	0	0	0	0
35	SJVN LTD.	0	6	0	6	0	5
36	STEEL AUTHORITY OF INDIA LTD.	118	29	119	34	124	34
37	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	5	219	7	217	12

38	WAPCOS LTD.	23	7	22	5	22	6
<b>STATE TOTAL :</b>		<b>64909</b>	<b>1132</b>	<b>55979</b>	<b>1047</b>	<b>50287</b>	<b>1066</b>
	<b>CHHATTISGARH</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	5	0	4	0	0
2	BALMER LAWRIE & CO. LTD.	0	1	0	1	0	0
3	BEML LTD.	268	131	255	87	297	89
4	BHARAT BROADBAND NETWORK LTD.	4	3	0	2	0	0
5	BHARAT PETROLEUM CORPN. LTD.	16159	53	14743	50	13190	47
6	BHARAT SANCHAR NIGAM LTD.	225970	1826	220485	1908	220716	1997
7	BRIDGE & ROOF CO.(INDIA) LTD.	609	4	1875	16	2207	82
8	CEMENT CORPN. OF INDIA LTD.	6427	2	6424	2	6424	4
9	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3243	655	2763	541	2568	543
10	CENTRAL WAREHOUSING CORPN.	3402	84	3154	102	2681	86
11	CHHATTISGARH SURGUJA POWER LTD.	5052	0	4412	0	5949	0
12	CONTAINER CORPORATION OF INDIA LTD.	10427	1	10109	4	528	0
13	CREDA HPCL BIOFUEL LTD.	800	7	1073	8	32	6
14	ENGINEERING PROJECTS (INDIA) LTD.	4	32	4	37	6	30
15	FERRO SCRAP NIGAM LTD.	3955	243	4029	253	3892	253
16	FERTILIZER CORPN. OF INDIA LTD.	1165	1	1165	1	1165	1
17	FOOD CORPN. OF INDIA	5782	2427	4883	2473	4353	2655
18	HINDUSTAN PETROLEUM CORPN. LTD.	28473	91	26259	97	24057	86
19	HINDUSTAN PREFAB LTD.	0	0	0	2	0	4
20	HINDUSTAN STEELWORKS COSTN. LTD.	2423	49	2433	81	2410	119
21	HLL LIFECARE LTD.	133	0	372	61	0	0
22	HOUSING & URBAN DEV. CORPN. LTD.	109	13	108	14	107	13
23	HSCC (INDIA) LTD.	1	6	0	2	0	0
24	I T I LTD.	0	2	0	2	0	0
25	INDIAN OIL CORPORATION LTD.	105722	172	90473	173	76217	158
26	INDIAN OIL-CREDA BIOFUELS LTD.	622	3	1824	5	2001	5
27	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	5	2	5	14	7
28	INSTRUMENTATION LTD.	21	4	17	7	17	19
29	IRCON INFRASTRUCTURE & SERVICES LTD.	818	0	818	0	818	0
30	IRCON INTERNATIONAL LTD.	29	25	1	4	0	0
31	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	10	0	5
32	KIOCL LTD.	0	6	0	13	0	11
33	MECON LTD.	482	110	220	82	192	66
34	MINERAL EXPLORATION CORPN. LTD.	1602	344	2461	254	2629	241
35	NATIONAL BLDG. CONSTN. CORPN. LTD.	322	13	11	9	11	5
36	NATIONAL FERTILIZERS LTD.	16	14	0	0	0	0
37	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	1	1	1	0	1
38	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
39	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9	29	10	38	0	41
40	NATIONAL SEEDS CORPN. LTD.	0	3	0	3	0	1
41	NATIONAL SMALL INDUSTRIES CORPN. LTD.	5	5	5	4	4	4

42	NATIONAL TEXTILE CORPN. LTD.	0	2	0	0	5193	3
43	NHPC LTD.	0	0	63	24	65	28
44	NMDC Ltd.	885784	3503	640649	3612	435661	3681
45	NMDC-CMDC LTD.	6732	2	10	3	11	3
46	NTPC ELECTRIC SUPPLY COMPANY LTD.	8	4	25	5	27	0
47	NTPC LTD.	2464511	2648	2062388	2722	1903247	2727
48	OIL INDIA LTD.	0	1	0	1	0	1
49	POWER GRID CORPORATION OF INDIA LTD.	1249416	318	1037166	325	873960	269
50	RAIL VIKAS NIGAM LTD.	0	26	0	29	52	32
51	RAILTEL CORPORATION INDIA LTD.	0	3	0	3	0	6
52	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	10	4	11	4	11	1
53	RASHTRIYA ISPAT NIGAM LTD.	0	1	0	0	0	0
54	REC POWER DISTRIBUTION CO. LTD.	0	0	1	0	0	0
55	rites LTD.	33	76	28	129	27	130
56	RURAL ELECTRIFICATION CORPN. LTD.	0	3	0	3	0	3
57	SJVN LTD.	0	3	0	3	0	1
58	SOUTH EASTERN COALFIELDS LTD.	859888	42050	788400	43864	716767	45602
59	STEEL AUTHORITY OF INDIA LTD.	2325549	27282	2108568	28380	1742148	29107
60	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	411	17	340	16	229	22
61	WAPCOS LTD.	11	5	10	6	7	8
<b>STATE TOTAL :</b>		<b>8216408</b>	<b>82319</b>	<b>7038048</b>	<b>85485</b>	<b>6049892</b>	<b>88203</b>
<b>DADRA NAGARHAVLI</b>							
1	BALMER LAWRIE & CO. LTD.	6167	35	5827	37	5291	33
2	BRIDGE & ROOF CO.(INDIA) LTD.	88	0	151	0	318	2
3	GAIL (INDIA) LTD.	0	2	0	2	0	2
4	HINDUSTAN PETROLEUM CORPN. LTD.	8749	0	8443	0	8020	0
5	INDIAN OIL CORPORATION LTD.	3647	5	3566	27	4346	26
6	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	31
7	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	4	0	4	0	4
8	POWER GRID CORPORATION OF INDIA LTD.	19152	14	17898	12	19673	10
<b>STATE TOTAL :</b>		<b>37803</b>	<b>60</b>	<b>35885</b>	<b>82</b>	<b>37648</b>	<b>108</b>
<b>DAMAN AND DIU</b>							
1	BHARAT PETROLEUM CORPN. LTD.	32	0	32	0	79	1
2	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	0	0	0	0	0	1
3	CENTRAL WAREHOUSING CORPN.	0	6	0	0	0	0
4	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	2	0	2	0
5	INDIAN OIL CORPORATION LTD.	57	27	56	4	834	4
6	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	32
7	NTPC VIDYUT VYAPAR NIGAM LTD.	0	0	85	0	0	0
8	POWER GRID CORPORATION OF INDIA LTD.	23011	10	17300	7	0	0
9	RAIL VIKAS NIGAM LTD.	0	0	0	0	188	0
10	RAILTEL CORPORATION INDIA LTD.	0	0	0	0	14625	104
<b>STATE TOTAL :</b>		<b>23100</b>	<b>43</b>	<b>17475</b>	<b>11</b>	<b>15728</b>	<b>142</b>
<b>DELHI</b>							

1	AGRINNOVATE INDIA LTD.	111	8	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	355	2	406	0	0
3	AIR INDIA CHARTERS LTD.	0	58	0	0	0	0
4	AIR INDIA ENGINEERING SERVICES LTD.	30434	4000	0	0	0	0
5	AIR INDIA LTD.	1606258	4045	1653946	7362	1458290	7362
6	AIRLINE ALLIED SERVICES LTD.	222	564	405	938	0	0
7	AIRPORTS AUTHORITY OF INDIA	401752	4849	387194	5124	375952	5124
8	ANDREW YULE & COMPANY LTD.	18	6	14	4	13	4
9	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	2	5	0	0	0	0
10	BALMER LAWRIE & CO. LTD.	595	74	585	82	569	93
11	BEML LTD.	813	65	799	66	792	71
12	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	2	6	2	6	1	5
13	BHARAT BROADBAND NETWORK LTD.	1266	37	853	31	210	25
14	BHARAT DYNAMICS LTD.	0	5	0	3	0	5
15	BHARAT HEAVY ELECTRICALS LTD.	67180	1379	67132	1332	67160	1784
16	BHARAT PETROLEUM CORPN. LTD.	29305	258	27495	279	26784	300
17	BHARAT PUMPS & COMPRESSORS LTD.	1	7	1	6	1	6
18	BHARAT SANCHAR NIGAM LTD.	1546412	1445	1543339	0	2199864	0
19	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	301	27	55	22	43	29
20	BRIDGE & ROOF CO.(INDIA) LTD.	189	0	79	12	13	10
21	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2	0	2	0	0	0
22	CEMENT CORPN. OF INDIA LTD.	5140	91	5143	100	4634	101
23	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1787	233	1759	235	1474	224
24	CENTRAL ELECTRONICS LTD.	0	2	0	2	0	0
25	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1142	19	1021	16	1049	14
26	CENTRAL WAREHOUSING CORPN.	17629	606	17487	769	17382	738
27	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	3	6	2	6	2	7
28	CHENNAI PETROLEUM CORPORATION LTD.	68	4	68	0	101	0
29	CHHATTIS GARH-WR TRANSMISSION LTD.	47	0	0	0	0	0
30	CHHATTISHGARH SURGUJA POWER LTD.	0	0	0	0	7	0
31	COAL INDIA LTD.	1190	93	1183	92	1176	91
32	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	2	0
33	CONCOR AIR LTD.	0	0	0	0	365	4
34	CONTAINER CORPORATION OF INDIA LTD.	50007	457	45247	468	41475	414
35	COTTON CORPN. OF INDIA LTD.	28	10	28	10	28	10
36	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	81126	207	59355	173	39811	148
37	DREDGING CORPN. OF INDIA LTD.	46	3	46	3	46	2
38	E. C. G. C. LTD.	4355	60	3011	58	830	64
39	EdCIL(India) Ltd.	1058	78	1026	81	998	78
40	ELECTRONICS CORPN. OF INDIA LTD.	1246	124	1247	151	1247	133
41	ENGINEERING PROJECTS (INDIA) LTD.	1249	155	1175	167	1030	170
42	ENGINEERS INDIA LTD.	13706	1193	20537	1816	12598	1876
43	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	17	3	14	1	0	0
44	FERRO SCRAP NIGAM LTD.	16	1	16	1	16	2
45	FERTILIZER CORPN. OF INDIA LTD.	199	2	196	4	218	6



46	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	7	7	4	7	8	6
47	FOOD CORPN. OF INDIA	11773	2690	9216	2657	8600	2852
48	GAIL (INDIA) LTD.	10955	420	9892	557	33321	563
49	GAIL GAS LTD.	0	0	0	0	47288	0
50	GOA SHIPYARD LTD.	104	5	104	4	104	4
51	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	320	14	312	13	311	12
52	HEAVY ENGINEERING CORPN. LTD.	0	11	0	13	0	13
53	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	272	0	14	0	0	0
54	HINDUSTAN AERONAUTICS LTD.	493	28	438	20	361	18
55	HINDUSTAN ANTIBIOTICS LTD.	13	13	13	16	13	16
56	HINDUSTAN CABLES LTD.	0	0	0	8	0	8
57	HINDUSTAN COPPER LTD.	167	18	163	19	159	19
58	HINDUSTAN FERTILIZER CORPN. LTD.	14	3	14	3	0	3
59	HINDUSTAN INSECTICIDES LTD.	637	78	514	85	528	74
60	HINDUSTAN PAPER CORPORATION LTD.	245	11	243	12	375	15
61	HINDUSTAN PETROLEUM CORPN. LTD.	144837	490	97600	515	70522	510
62	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	6	4
63	HINDUSTAN PREFAB LTD.	295	236	868	210	851	206
64	HINDUSTAN SHIPYARD LTD.	0	2	0	2	0	3
65	HINDUSTAN STEELWORKS COSTN. LTD.	363	1	368	1	367	3
66	HLL LIFECARE LTD.	0	100	1469	326	4292	310
67	HMT (INTERNATIONAL) LTD.	1	1	1	1	1	1
68	HMT MACHINE TOOLS LTD.	0	0	0	0	0	15
69	HOTEL CORPN. OF INDIA LTD.	5435	595	5048	595	5046	689
70	HOUSING & URBAN DEV. CORPN. LTD.	10080	435	9891	449	9700	474
71	HSCC (INDIA) LTD.	0	21	0	13	0	13
72	I T I LTD.	135	11	123	58	122	200
73	INDIA INFRASTRUCTURE FINANCE CO. LTD.	554	79	485	58	231	50
74	INDIA TOURISM DEV. CORPN. LTD.	13428	1328	12934	1422	12564	1560
75	INDIA TRADE PROMOTION ORGANISATION	11054	846	11307	901	11300	960
76	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	0	0	0	1	0	1
77	INDIAN OIL CORPORATION LTD.	192659	2362	239862	2423	192282	2468
78	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	19430	515	14558	517	13732	500
79	INDIAN RAILWAY FINANCE CORPORATION LTD.	1733	19	1727	19	1721	19
80	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	290	13	306	12	13	10
81	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	6844	121	6011	120	5995	119
82	INSTRUMENTATION LTD.	105	18	91	22	91	23
83	IRCON INFRASTRUCTURE & SERVICES LTD.	5	0	2	10	0	0
84	IRCON INTERNATIONAL LTD.	11828	475	11193	442	11154	442
85	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	5	4	6	4	5	4
86	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	7	0	8	0	7

87	KIOCL LTD.	0	6	38	4	36	10
88	KONKAN RAILWAY CORPORATION LTD.	0	4	0	7	0	5
89	KUMARAKRUPPA FRONTIER HOTELS LTD.	1	3	1	3	1	3
90	M M T C LTD.	4043	628	4651	640	4750	670
91	M S T C LTD.	107	38	108	39	108	44
92	MADRAS FERTILIZERS LTD.	10	1	10	1	13	2
93	MAHANAGAR TELEPHONE NIGAM LTD.	1431905	16737	1417195	36523	1871310	20265
94	MANGALORE REFINERY & PETROCHEMICALS LTD.	282	24	257	22	252	26
95	MAZAGON DOCK SHIPBUILDERS LTD.	132	5	101	5	99	5
96	MECON LTD.	2132	104	2051	111	2038	112
97	MILLENNIUM TELECOM LTD.	0	0	0	0	38	0
98	MINERAL EXPLORATION CORPN. LTD.	0	4	0	4	0	4
99	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	39	0	0	0	0	0
100	MOIL LTD.	55	6	38	6	38	5
101	MUMBAI RAILWAY VIKAS CORPORATION LTD.	0	1	0	1	0	1
102	NATIONAL ALUMINIUM COMPANY LTD.	1375	36	1369	39	853	44
103	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	239	42	236	42	230	42
104	NATIONAL BLDG. CONSTN. CORPN. LTD.	2911	712	2922	768	3169	524
105	NATIONAL FERTILIZERS LTD.	207	0	207	0	207	0
106	NATIONAL FILM DEV. CORPN. LTD.	89	11	78	13	78	14
107	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	5	4	4	4	9	4
108	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	54	30	0	0	0	0
109	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	7823	0	347	44
110	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1002	33	958	32	944	32
111	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	410	46	412	62	4252	50
112	NATIONAL RESEARCH DEVELOPMENT CORPN.	249	77	242	83	232	84
113	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	92	21	92	30	92	22
114	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	853	65	843	65	833	66
115	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	619	44	623	46	620	46
116	NATIONAL SEEDS CORPN. LTD.	934	200	694	158	600	171
117	NATIONAL SMALL INDUSTRIES CORPN. LTD.	7715	296	6810	297	5335	309
118	NATIONAL TEXTILE CORPN. LTD.	159	135	171	141	116	190
119	NEPA LTD.	0	2	0	4	0	0
120	NEYVELI LIGNITE CORPN. LTD.	454	34	453	35	455	34
121	NMDC Ltd.	257	12	253	12	253	11
122	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	20	7	19	8	19	9
123	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1076	28	713	32	662	28
124	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	1	0	0	0	0

125	NTPC LTD.	76456	1249	67026	1395	63042	1525
126	NTPC VIDYUT VYAPAR NIGAM LTD.	79	49	0	51	71	51
127	NUMALIGARH REFINERY LTD.	49	5	136	6	75	6
128	OIL & NATURAL GAS CORPORATION LTD.	133040	1565	100431	1554	77767	1392
129	OIL INDIA LTD.	3039	34	7097	34	15058	143
130	ONGC VIDESH LTD.	20547	238	17181	226	29992	187
131	ORISSA INTEGRATED POWER LTD.	0	0	0	0	8735	0
132	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	320	2	0	0
133	P E C LTD.	636	130	636	130	626	138
134	PAWAN HANS LTD.	34955	199	32759	100	23197	404
135	PFC CAPITAL ADVISORY SERVICE LTD.	4	7	4	7	1	7
136	PFC CONSULTING LTD.	118	0	107	0	84	0
137	PFC GREEN ENERGY LTD.	8	17	8	18	4	0
138	POWER FINANCE CORPORATION LTD.	11134	442	10869	437	10786	419
139	POWER GRID CORPORATION OF INDIA LTD.	128625	314	128625	310	127557	327
140	POWER GRID JABALPUR TRANSMISSION LTD.	1830	0	0	0	0	0
141	POWER SYSTEM OPERATION CORPORATION LTD.	17493	162	16651	170	15533	154
142	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	2060	0
143	PRIZE PETROLEUM COMPANY LTD.	187	22	187	22	184	29
144	RAIL VIKAS NIGAM LTD.	3665	94	3209	99	0	96
145	RAILTEL CORPORATION INDIA LTD.	31810	53	27769	53	0	0
146	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	33	0	0	0	0	0
147	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	32	0	34	1	32	1
148	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3	5	8	4	9	10
149	RASHTRIYA ISPAT NIGAM LTD.	2616	40	2650	39	2597	39
150	REC POWER DISTRIBUTION CO. LTD.	69	3	55	0	10	11
151	REC TRANSMISSION PROJECTS CO. LTD.	10	0	5	0	0	0
152	rites INFRASTRUCTURE SERVICES LTD.	0	0	0	0	447	0
153	rites LTD.	543	55	523	172	701	173
154	RURAL ELECTRIFICATION CORPN. LTD.	3246	337	3153	353	6948	357
155	SCOOTERS INDIA LTD.	0	10	4	10	2	10
156	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	5434	66	5060	70	4659	65
157	SHIPPING CORPORATION OF INDIA LTD.	100	11	101	11	100	12
158	SIPAT TRANSMISSION LTD.	46	0	0	0	0	0
159	SJVN LTD.	0	38	0	39	0	36
160	SOLAR ENERGY CORPORATION OF INDIA	212	36	183	36	0	0
161	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	0	0	0
162	STATE TRADING CORPN. OF INDIA LTD.	79891	384	4736	428	2087	444
163	STCL LTD.	0	0	0	0	0	1
164	STEEL AUTHORITY OF INDIA LTD.	16908	785	16916	799	17140	856
165	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3619	420	3464	417	3255	459
166	UNCHAHAH TRANSMISSION LTD.	299	0	0	0	0	0
167	URANIUM CORPORATION OF INDIA LTD.	56	0	0	0	0	0
168	WAPCOS LTD.	352	113	306	86	99	78

STATE TOTAL :		6343578	57797	6174826	77685	6996091	61400
	<b>GOA</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	77	0	47	0	0
2	AIR INDIA LTD.	0	13	0	10	0	10
3	BALMER LAWRIE & CO. LTD.	0	1	71	10	0	0
4	BEML LTD.	19	2	19	5	19	8
5	BHARAT PETROLEUM CORPN. LTD.	12954	50	12136	53	11649	52
6	CENTRAL WAREHOUSING CORPN.	534	20	534	16	534	11
7	CONTAINER CORPORATION OF INDIA LTD.	22	1	25	1	28	1
8	DREDGING CORPN. OF INDIA LTD.	0	1	0	1	0	1
9	GAIL (INDIA) LTD.	0	3	0	3	0	2
10	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	942	196	962	207	0	0
11	GOA SHIPYARD LTD.	30143	1558	54488	1535	45149	1591
12	HINDUSTAN PETROLEUM CORPN. LTD.	11236	66	11009	66	10559	65
13	HOUSING & URBAN DEV. CORPN. LTD.	0	3	0	3	0	1
14	I T I LTD.	0	5	0	2	0	0
15	INDIA TOURISM DEV. CORPN. LTD.	3	2	3	2	10	2
16	INDIAN OIL CORPORATION LTD.	8989	79	7949	71	8205	92
17	IRCON INTERNATIONAL LTD.	0	2	0	10	0	12
18	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	14	0	0	0	0
19	KONKAN RAILWAY CORPORATION LTD.	70411	1253	67852	1167	66371	1134
20	M M T C LTD.	1295	23	1301	29	1302	35
21	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	6
22	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	2	0	2	0	3
23	OIL & NATURAL GAS CORPORATION LTD.	4790	71	4782	70	4782	61
24	OIL INDIA LTD.	0	1	0	1	0	1
25	POWER GRID CORPORATION OF INDIA LTD.	18904	18	15773	21	13199	22
26	REC POWER DISTRIBUTION CO. LTD.	3	2	0	0	0	0
27	rites LTD.	0	9	0	8	0	9
28	STEEL AUTHORITY OF INDIA LTD.	0	1	0	1	0	1
STATE TOTAL :		160245	3473	176904	3341	161807	3120
	<b>GUJRAT</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	137	0	109	0	0
2	AIR INDIA LTD.	116723	34	0	34	0	34
3	BALMER LAWRIE & CO. LTD.	107	8	2266	15	71	10
4	BEML LTD.	23	16	23	16	23	16
5	BHARAT BROADBAND NETWORK LTD.	17	5	0	4	0	0
6	BHARAT PETRO RESOURCES LTD.	1470	0	566	0	2	0
7	BHARAT PETROLEUM CORPN. LTD.	93252	311	80343	326	70926	324
8	BHARAT PUMPS & COMPRESSORS LTD.	1	3	1	3	1	3
9	BHARAT SANCHAR NIGAM LTD.	861212	16903	850766	18180	861012	19398
10	BRIDGE & ROOF CO.(INDIA) LTD.	2515	9	3037	9	3241	97
11	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2082	0	2179	0	1757	1
12	CENTRAL WAREHOUSING CORPN.	16350	205	16012	230	15908	232
13	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	6	10	5	10	2	10

14	COAL INDIA LTD.	4	6	4	6	4	5
15	CONTAINER CORPORATION OF INDIA LTD.	31432	74	23549	79	12342	63
16	COTTON CORPN. OF INDIA LTD.	500	107	439	111	435	119
17	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	44971	78	35011	63	26893	47
18	DREDGING CORPN. OF INDIA LTD.	0	3	0	22	0	18
19	E. C. G. C. LTD.	285	32	282	29	281	28
20	ELECTRONICS CORPN. OF INDIA LTD.	1	4	1	4	1	6
21	ENGINEERING PROJECTS (INDIA) LTD.	0	2	0	2	0	2
22	ENGINEERS INDIA LTD.	885	161	876	168	862	163
23	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1	0	0	0	0	0
24	FOOD CORPN. OF INDIA	5940	1096	5734	1169	5592	1289
25	GAIL (INDIA) LTD.	260139	535	256469	470	245415	478
26	GAIL GAS LTD.	0	0	3271	5	0	5
27	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	1	0	0	0	0
28	HINDUSTAN ANTIBIOTICS LTD.	2	3	2	3	2	3
29	HINDUSTAN INSECTICIDES LTD.	2	8	2	6	2	5
30	HINDUSTAN PETROLEUM CORPN. LTD.	160851	359	149866	377	143095	395
31	HINDUSTAN SALTS LTD.	1010	168	987	61	908	60
32	HMT MACHINE TOOLS LTD.	0	0	0	0	0	6
33	HOUSING & URBAN DEV. CORPN. LTD.	1391	20	936	21	652	21
34	I T I LTD.	0	2	0	10	0	0
35	INDIAN CATALYST PVT. LTD.	1490	0	0	0	0	0
36	INDIAN OIL CORPORATION LTD.	1955816	3597	1900574	3722	1708492	3785
37	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	64	65	73	3	72	57
38	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	0	1	0	2	0	2
39	INSTRUMENTATION LTD.	9	1	9	2	9	2
40	IRCON INTERNATIONAL LTD.	60	0	60	0	0	0
41	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	9	0	16	0	15
42	M M T C LTD.	132	26	151	30	225	34
43	M S T C LTD.	43	17	43	16	41	16
44	MADRAS FERTILIZERS LTD.	2	0	0	0	0	0
45	MECON LTD.	0	7	0	0	0	0
46	MINERAL EXPLORATION CORPN. LTD.	0	0	0	0	0	3
47	NATIONAL ALUMINIUM COMPANY LTD.	0	0	0	0	0	2
48	NATIONAL BLDG. CONSTN. CORPN. LTD.	171	96	171	100	149	102
49	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	1	0	1
50	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	1	0
51	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	1	0	1	0	2
52	NATIONAL SEEDS CORPN. LTD.	0	15	0	14	0	17
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	569	30	449	32	430	31
54	NATIONAL TEXTILE CORPN. LTD.	15198	36	15525	44	14672	121
55	NTPC LTD.	546544	439	533198	447	488210	444
56	NUCLEAR POWER CORPN. OF INDIA LTD.	776126	1363	514818	1296	339421	1168

57	OIL & NATURAL GAS CORPORATION LTD.	3294477	10232	2812232	10742	2652227	10350
58	OIL INDIA LTD.	10769	3	0	1	0	0
59	P E C LTD.	0	8	0	9	0	8
60	POWER GRID CORPORATION OF INDIA LTD.	524213	299	422890	278	385148	295
61	PRIZE PETROLEUM COMPANY LTD.	1990	1	1985	1	1984	2
62	PROJECTS & DEVELOPMENT INDIA LTD.	1145	96	1141	105	1072	113
63	RAIL VIKAS NIGAM LTD.	0	5	0	3	0	0
64	RAILTEL CORPORATION INDIA LTD.	0	25	0	25	7709	11
65	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	15	0	13	450	15
66	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	13	9	14	6	14	11
67	RASHTRIYA ISPAT NIGAM LTD.	85	8	84	10	77	10
68	rites INFRASTRUCTURE SERVICES LTD.	24	0	24	0	0	0
69	rites LTD.	23	39	9	55	0	50
70	RURAL ELECTRIFICATION CORPN. LTD.	203	4	209	6	209	10
71	SCOOTERS INDIA LTD.	0	3	0	3	0	3
72	SJVN LTD.	521	2	0	2	0	2
73	STATE TRADING CORPN. OF INDIA LTD.	611	39	48	40	9	44
74	STEEL AUTHORITY OF INDIA LTD.	1807	129	1809	125	1806	135
75	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0	0	0	1
76	WAPCOS LTD.	136	32	140	28	158	30
<b>STATE TOTAL :</b>		<b>8733413</b>	<b>36954</b>	<b>7638283</b>	<b>38720</b>	<b>6992012</b>	<b>39730</b>
	<b>HARYANA</b>						
1	BALLABGARH - GN TRANSMISSION CO. LTD.	62	0	51	0	0	0
2	BALMER LAWRIE & CO. LTD.	2442	13	0	0	2110	12
3	BHARAT BROADBAND NETWORK LTD.	11	4	0	2	0	0
4	BHARAT ELECTRONICS LTD.	8896	540	8916	543	8837	557
5	BHARAT PETROLEUM CORPN. LTD.	69412	277	64092	293	58046	287
6	BHARAT SANCHAR NIGAM LTD.	345530	4671	386397	4933	389887	5231
7	BRIDGE & ROOF CO.(INDIA) LTD.	90	3	438	15	24	0
8	CEMENT CORPN. OF INDIA LTD.	999	1	999	1	1002	1
9	CENTRAL WAREHOUSING CORPN.	7277	210	7027	164	5865	169
10	CONTAINER CORPORATION OF INDIA LTD.	2511	16	1893	15	1536	13
11	COTTON CORPN. OF INDIA LTD.	339	40	339	44	338	49
12	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	24	0	16	0	11
13	DREDGING CORPN. OF INDIA LTD.	0	4	0	4	0	4
14	E. C. G. C. LTD.	101	10	90	14	92	6
15	ELECTRONICS CORPN. OF INDIA LTD.	1	0	0	0	0	0
16	ENGINEERS INDIA LTD.	20362	857	10430	341	12659	355
17	FOOD CORPN. OF INDIA	9193	4085	7996	3103	7386	3403
18	FRESH & HEALTHY ENTERPRISES LTD.	8160	19	8127	23	8175	20
19	GAIL (INDIA) LTD.	42746	47	42333	22	0	51
20	GAIL GAS LTD.	8617	9	8603	6	0	6
21	HINDUSTAN INSECTICIDES LTD.	232	13	232	12	223	12
22	HINDUSTAN PAPER CORPORATION LTD.	0	0	5	0	0	0
23	HINDUSTAN PETROLEUM CORPN. LTD.	134220	130	125409	129	111511	126



24	HLL LIFECARE LTD.	308	9	170	20	121	21
25	HMT LTD.	10980	1099	11079	1230	11087	1238
26	HMT MACHINE TOOLS LTD.	4671	382	4672	446	4672	708
27	HSCC (INDIA) LTD.	0	4	0	2	0	0
28	I T I LTD.	0	2	0	2	0	0
29	INDIAN DRUGS & PHARMACEUTICALS LTD.	14061	70	14725	114	683	16
30	INDIAN OIL CORPORATION LTD.	3231426	3252	3120162	3277	3053127	3391
31	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	0	118	0	0	0
32	INDIAN VACCINE CORP. LTD.	1276	3	1760	3	1760	3
33	INSTRUMENTATION LTD.	1	1	0	1	3	3
34	IRCON INTERNATIONAL LTD.	530	4	47	6	47	2
35	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	5	0	7
36	M M T C LTD.	0	0	0	6	0	5
37	NATIONAL BLDG. CONSTN. CORPN. LTD.	1	94	1	108	1	110
38	NATIONAL FERTILIZERS LTD.	159392	664	158453	702	157869	761
39	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	137	32	124	32	126	32
40	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	238	19	225	16	211	18
41	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1350	180	1400	189	0	205
42	NATIONAL SEEDS CORPN. LTD.	1764	203	0	14	0	13
43	NATIONAL SMALL INDUSTRIES CORPN. LTD.	40	30	27	28	23	30
44	NHPC LTD.	35073	1633	33635	1518	31764	1582
45	NMDC Ltd.	0	0	0	2	0	0
46	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	2	0	0	0
47	NTPC LTD.	121475	140	115044	150	107959	154
48	NUMALIGARH REFINERY LTD.	5	0	5	0	5	0
49	OIL INDIA LTD.	0	7	0	8	0	2
50	P E C LTD.	0	0	0	1	0	3
51	POWER GRID CORPORATION OF INDIA LTD.	634946	1312	566469	1244	482387	1235
52	RAIL VIKAS NIGAM LTD.	0	3	0	2	0	2
53	RAILTEL CORPORATION INDIA LTD.	7876	101	3953	98	195	5
54	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	1	0	0	0	0
55	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2	4	0	0	0	0
56	RASHTRIYA ISPAT NIGAM LTD.	92	12	90	11	87	10
57	rites INFRASTRUCTURE SERVICES LTD.	71	0	68	0	0	0
58	rites LTD.	35607	1114	28529	234	19255	204
59	RURAL ELECTRIFICATION CORPN. LTD.	4517	23	4200	25	364	26
60	SJVN LTD.	0	48	0	48	0	37
61	STEEL AUTHORITY OF INDIA LTD.	3090	42	3071	44	3070	47
62	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0	3	0	3
63	WAPCOS LTD.	1672	316	1569	302	1469	280
STATE TOTAL :		4931802	21777	4742975	19571	4483976	20466
	HIMACHAL PRADESH						

1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	1	0	0	0	0
2	BALMER LAWRIE & CO. LTD.	0	1	0	0	0	0
3	BHARAT BROADBAND NETWORK LTD.	3	1	0	2	0	0
4	BHARAT PETROLEUM CORPN. LTD.	25	3	19	2	25	2
5	BHARAT SANCHAR NIGAM LTD.	203179	3048	222077	3137	220544	3259
6	BRIDGE & ROOF CO.(INDIA) LTD.	0	1	0	12	0	0
7	CEMENT CORPN. OF INDIA LTD.	4943	214	4927	242	4911	240
8	CENTRAL WAREHOUSING CORPN.	270	8	267	7	267	14
9	CONTAINER CORPORATION OF INDIA LTD.	1235	2	880	2	778	3
10	FOOD CORPN. OF INDIA	864	218	909	220	910	237
11	FRESH & HEALTHY ENTERPRISES LTD.	8	8	7	8	6	10
12	HINDUSTAN PETROLEUM CORPN. LTD.	7050	14	5972	14	5447	10
13	HINDUSTAN PREFAB LTD.	0	0	0	0	0	1
14	HINDUSTAN SALTS LTD.	123	14	123	5	1	5
15	HLL LIFECARE LTD.	60	0	0	0	0	0
16	HOUSING & URBAN DEV. CORPN. LTD.	0	3	0	3	0	2
17	HSCC (INDIA) LTD.	0	2	0	3	0	1
18	I T I LTD.	857	140	0	2	0	0
19	INDIAN OIL CORPORATION LTD.	35250	84	32742	94	28943	90
20	INSTRUMENTATION LTD.	0	0	3	0	0	0
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	0	0	2
22	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	42	0	41	0	63
23	NATIONAL FERTILIZERS LTD.	3	2	0	0	0	0
24	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	1	1	1	0	1
25	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
26	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	4	0	4	0	4
27	NHPC LTD.	1404611	1895	1346883	2141	1264728	2330
28	NMDC Ltd.	969	2	969	1	969	2
29	NTPC LTD.	668318	211	614025	232	499343	231
30	OIL & NATURAL GAS CORPORATION LTD.	32070	0	30354	0	30354	0
31	OIL INDIA LTD.	0	2	0	2	0	1
32	POWER GRID CORPORATION OF INDIA LTD.	225019	88	221760	139	210222	129
33	POWERGRID KALA AMB TRANSMISSION LTD.	413	0	0	0	0	0
34	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	1
35	REC POWER DISTRIBUTION CO. LTD.	0	0	1	0	0	0
36	rites LTD.	0	0	0	4	0	6
37	RURAL ELECTRIFICATION CORPN. LTD.	129	4	129	5	127	6
38	SJVN LTD.	1304076	1275	1274669	1314	1169368	1337
39	SJVN THERMAL PVT. LTD.	93	9	0	0	0	0
40	STEEL AUTHORITY OF INDIA LTD.	6208	1	6729	1	6729	3
41	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	2	0	1	0	0
<b>STATE TOTAL :</b>		<b>3895777</b>	<b>7301</b>	<b>3763446</b>	<b>7640</b>	<b>3443674</b>	<b>7990</b>
	<b>JAMMU &amp; KASHMIR</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	15	0	16	0	0
2	BEML LTD.	9	16	8	13	8	11

3	BHARAT BROADBAND NETWORK LTD.	5	1	0	1	0	0
4	BHARAT PETROLEUM CORPN. LTD.	10082	27	9990	25	9394	22
5	BHARAT SANCHAR NIGAM LTD.	185541	2167	183806	2314	181088	2468
6	BRIDGE & ROOF CO.(INDIA) LTD.	0	1	0	0	0	0
7	CENTRAL WAREHOUSING CORPN.	12	0	12	0	12	0
8	E. C. G. C. LTD.	0	1	0	1	0	1
9	ENGINEERING PROJECTS (INDIA) LTD.	12	8	12	5	0	1
10	FOOD CORPN. OF INDIA	4001	816	3889	821	3829	835
11	HINDUSTAN PETROLEUM CORPN. LTD.	20303	77	18323	75	16881	70
12	HMT CHINAR WATCHES LTD.	0	0	1216	54	1216	54
13	HOTEL CORPN. OF INDIA LTD.	2467	281	2066	281	2061	281
14	HOUSING & URBAN DEV. CORPN. LTD.	525	9	536	10	527	10
15	HSCC (INDIA) LTD.	0	2	0	1	0	1
16	I T I LTD.	0	1	855	174	850	200
17	INDIA TOURISM DEV. CORPN. LTD.	294	20	291	22	245	22
18	INDIAN OIL CORPORATION LTD.	42893	138	38389	139	35145	157
19	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	5	0	7	0	10
20	IRCON INFRASTRUCTURE & SERVICES LTD.	588	0	546	0	303	0
21	IRCON INTERNATIONAL LTD.	124	212	35	224	31	179
22	J & K MINERAL DEVELOPMENT CORPN. LTD.	3231	5	2948	5	1826	5
23	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	1	0	1
24	KONKAN RAILWAY CORPORATION LTD.	0	90	0	98	0	119
25	NATIONAL BLDG. CONSTN. CORPN. LTD.	1	15	1	29	1	30
26	NATIONAL FERTILIZERS LTD.	4	3	0	0	0	0
27	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	3	1	3	1	2
28	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	1	0
29	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	6	42	6	49	0	54
30	NATIONAL SEEDS CORPN. LTD.	0	1	0	1	0	2
31	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	1	0	1	0	1
32	NHPC LTD.	1893688	2769	1827433	2939	1675609	3092
33	NMDC Ltd.	0	2	0	0	0	1
34	OIL & NATURAL GAS CORPORATION LTD.	6606	0	6606	0	6606	0
35	POWER GRID CORPORATION OF INDIA LTD.	279016	323	254996	337	216635	352
36	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	1
37	rites LTD.	0	5	0	18	0	16
38	RURAL ELECTRIFICATION CORPN. LTD.	16	7	13	7	13	7
39	SJVN LTD.	0	8	0	8	0	5
40	STEEL AUTHORITY OF INDIA LTD.	564	13	876	15	848	16
41	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3	10	0	1	0	0
42	WAPCOS LTD.	15	0	13	0	0	0
<b>STATE TOTAL :</b>		<b>2450007</b>	<b>7096</b>	<b>2352867</b>	<b>7696</b>	<b>2153130</b>	<b>8026</b>
<b>JHARKHAND</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	11	0	9	0	0

2	AIR INDIA LTD.	0	1	0	1	0	1
3	BALMER LAWRIE & CO. LTD.	0	0	0	1	0	1
4	BEML LTD.	252	162	259	170	292	178
5	BHARAT BROADBAND NETWORK LTD.	6	2	0	1	0	0
6	BHARAT COKING COAL LTD.	558768	55039	521759	57095	476507	60733
7	BHARAT PETROLEUM CORPN. LTD.	14528	77	13504	75	11503	74
8	BHARAT SANCHAR NIGAM LTD.	270886	2561	265330	2700	258954	2864
9	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	9	0	0	0	0
10	BRIDGE & ROOF CO.(INDIA) LTD.	302	11	363	28	482	12
11	BURN STANDARD COMPANY LTD.	167	0	167	0	167	15
12	CENTRAL COALFIELDS LTD.	604213	45011	562525	46686	512682	48111
13	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	13745	1504	13079	1360	8363	1379
14	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	644	0	730	1	738	0
15	CENTRAL WAREHOUSING CORPN.	178	14	178	16	178	22
16	CONTAINER CORPORATION OF INDIA LTD.	588	6	588	0	588	3
17	DEOGHAR MEGA POWER LTD.	608	0	497	0	249	0
18	DREDGING CORPN. OF INDIA LTD.	0	3	0	4	0	4
19	EASTERN COALFIELDS LTD.	207658	9300	218419	9548	192794	10163
20	ENGINEERING PROJECTS (INDIA) LTD.	12	8	12	8	8	16
21	FERRO SCRAP NIGAM LTD.	2738	159	3194	163	3331	166
22	FERTILIZER CORPN. OF INDIA LTD.	46717	3	46930	3	46930	4
23	FOOD CORPN. OF INDIA	1581	1194	1232	1260	874	1366
24	GAIL (INDIA) LTD.	0	0	0	0	0	1
25	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1972	96	1949	117	1949	139
26	HEAVY ENGINEERING CORPN. LTD.	38631	1742	37719	2015	38094	2369
27	HINDUSTAN COPPER LTD.	28400	759	26655	844	26573	948
28	HINDUSTAN PETROLEUM CORPN. LTD.	40720	81	35944	84	29206	83
29	HINDUSTAN STEELWORKS COSTN. LTD.	3197	22	3413	63	3564	115
30	HMT MACHINE TOOLS LTD.	0	0	0	0	0	2
31	HOUSING & URBAN DEV. CORPN. LTD.	55	14	53	15	51	15
32	I T I LTD.	218879	967	0	2	0	0
33	INDIA TOURISM DEV. CORPN. LTD.	1	2	1	3	1	3
34	INDIAN OIL CORPORATION LTD.	91033	259	81007	242	69648	238
35	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	2	0	2	26	6
36	INSTRUMENTATION LTD.	0	1	0	1	0	0
37	IRCON INTERNATIONAL LTD.	46	30	41	28	0	0
38	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	11	0	12	0	9
39	KIOCL LTD.	0	2	0	8	0	0
40	M M T C LTD.	0	35	0	40	0	31
41	MECON LTD.	8329	979	7193	1072	6274	1100
42	MINERAL EXPLORATION CORPN. LTD.	1621	238	3756	393	3187	396
43	NATIONAL BLDG. CONSTN. CORPN. LTD.	22	51	22	78	36	111
44	NATIONAL FERTILIZERS LTD.	2	2	0	0	0	0
45	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	1	1	1	0	1
46	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	3	0

47	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	28	109	30	116	0	101
48	NATIONAL SEEDS CORPN. LTD.	0	6	0	5	0	5
49	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3	11	0	11	0	11
50	NEYVELI UTTAR PRADESH POWER LTD	2	4	0	3	0	0
51	NMDC Ltd.	1	1	1	2	1	0
52	NTPC ELECTRIC SUPPLY COMPANY LTD.	30	5	40	6	62	0
53	NTPC LTD.	335027	185	215869	160	100362	130
54	OIL & NATURAL GAS CORPORATION LTD.	64372	177	58707	225	53213	238
55	OIL INDIA LTD.	0	16	0	15	0	0
56	POWER GRID CORPORATION OF INDIA LTD.	455845	184	404564	241	287046	196
57	PROJECTS & DEVELOPMENT INDIA LTD.	2779	37	2762	41	2703	39
58	RAILTEL CORPORATION INDIA LTD.	0	3	0	3	4340	5
59	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	271	42	270	43	251	45
60	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1	0	1	4	1	0
61	REC POWER DISTRIBUTION CO. LTD.	0	1	8	0	0	0
62	rites LTD.	12	19	12	32	12	31
63	RURAL ELECTRIFICATION CORPN. LTD.	23	5	21	5	15	7
64	SCOOTERS INDIA LTD.	0	1	0	1	0	1
65	SJVN LTD.	0	23	0	21	0	16
66	STEEL AUTHORITY OF INDIA LTD.	1661106	21652	1577161	23114	1457755	23082
67	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	4	0	4	0	2
68	URANIUM CORPORATION OF INDIA LTD.	164136	4259	163357	4221	93089	4216
69	WAPCOS LTD.	19	9	13	5	14	4
<b>STATE TOTAL :</b>		<b>4840155</b>	<b>147122</b>	<b>4269336</b>	<b>152427</b>	<b>3692116</b>	<b>158808</b>
	<b>KARNATAKA</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	13	0	13	0	0
2	AIR INDIA CHARTERS LTD.	0	70	0	0	0	0
3	AIR INDIA LTD.	116723	54	0	54	0	54
4	ANTRIX CORPORATION LTD.	1882	74	1881	68	1794	68
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	376	10	375	11	375	10
6	BALMER LAWRIE & CO. LTD.	340	21	355	24	348	24
7	BEL-THALES SYSTEMS LTD.	34	0	0	0	0	0
8	BEML LTD.	138614	8276	119019	8939	114477	9533
9	BHARAT BROADBAND NETWORK LTD.	7	5	0	2	0	0
10	BHARAT ELECTRONICS LTD.	144851	4945	133130	4861	128221	5141
11	BHARAT HEAVY ELECTRICALS LTD.	48695	3171	47117	3358	44632	3505
12	BHARAT PETROLEUM CORPN. LTD.	100799	290	92461	302	85854	294
13	BHARAT SANCHAR NIGAM LTD.	1083299	16580	1078179	17973	1084754	18835
14	BRIDGE & ROOF CO.(INDIA) LTD.	227	7	259	17	251	41
15	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2	0	0	4	0	11
16	CEMENT CORPN. OF INDIA LTD.	1711	1	1711	1	3306	1
17	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	143	12	142	14	128	14
18	CENTRAL ELECTRONICS LTD.	0	4	0	4	0	0
19	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2476	2	2203	2	1981	2
20	CENTRAL WAREHOUSING CORPN.	8823	176	8669	145	7193	152

21	COAL INDIA LTD.	3	9	3	10	3	9
22	COASTAL KARNATAKA POWER LTD.	387	0	338	0	286	0
23	CONTAINER CORPORATION OF INDIA LTD.	8085	43	7897	42	7458	40
24	COTTON CORPN. OF INDIA LTD.	32	31	32	26	32	29
25	DREDGING CORPN. OF INDIA LTD.	13	2	13	6	13	9
26	E. C. G. C. LTD.	653	25	650	27	648	28
27	ELECTRONICS CORPN. OF INDIA LTD.	78	49	81	67	64	71
28	ENGINEERING PROJECTS (INDIA) LTD.	27	7	27	10	25	8
29	ENGINEERS INDIA LTD.	0	82	0	123	0	167
30	FERRO SCRAP NIGAM LTD.	263	5	250	13	227	12
31	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35	30	58	37	58	37
32	FOOD CORPN. OF INDIA	9232	1329	8903	1244	8532	1400
33	GAIL (INDIA) LTD.	286731	82	275373	72	254307	71
34	GAIL GAS LTD.	73	0	0	1	0	1
35	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	2	0	0	0	0
36	HINDUSTAN AERONAUTICS LTD.	264044	14864	230880	15162	155749	15110
37	HINDUSTAN COPPER LTD.	36	6	36	4	39	5
38	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	1	0	1
39	HINDUSTAN PETROLEUM CORPN. LTD.	218002	591	179444	585	139732	551
40	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	3	5
41	HINDUSTAN STEELWORKS COSTN. LTD.	8	3	8	5	8	7
42	HLL LIFECARE LTD.	12683	478	10086	558	8488	284
43	HMT (INTERNATIONAL) LTD.	832	38	835	51	834	58
44	HMT CHINAR WATCHES LTD.	1214	54	0	0	0	0
45	HMT LTD.	1502	59	1501	62	1493	62
46	HMT MACHINE TOOLS LTD.	11924	674	11924	777	11634	1055
47	HMT WATCHES LTD.	18826	1005	18871	1055	18655	950
48	HOUSING & URBAN DEV. CORPN. LTD.	498	32	508	35	503	36
49	HSCC (INDIA) LTD.	8	1	0	1	0	1
50	I T I LTD.	19142	506	219551	954	219504	5700
51	INDIA TOURISM DEV. CORPN. LTD.	368	37	284	48	263	48
52	INDIA TRADE PROMOTION ORGANISATION	11	4	11	4	0	6
53	INDIAN OIL CORPORATION LTD.	277523	735	250498	747	219631	725
54	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	86	43	49	49	45	53
55	IRCON INFRASTRUCTURE & SERVICES LTD.	546	0	546	0	546	0
56	IRCON INTERNATIONAL LTD.	291	14	346	16	611	19
57	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	6270	354	5813	338	5406	350
58	KARNATAKA TRADE PROMOTION ORGANISATION	2912	2	1910	2	1910	2
59	KIOCL LTD.	119798	902	122125	888	164057	1185
60	KONKAN RAILWAY CORPORATION LTD.	132101	1108	134153	1077	127524	1025
61	KUMARAKRUPPA FRONTIER HOTELS LTD.	679	0	679	0	679	0
62	M M T C LTD.	7467	105	7467	109	7205	113
63	M S T C LTD.	44	21	42	23	43	20
64	MADRAS FERTILIZERS LTD.	46	38	46	38	46	43



65	MANGALORE REFINERY & PETROCHEMICALS LTD.	2229802	1688	2078131	1683	1132293	1593
66	MECON LTD.	3997	163	3616	185	3676	189
67	MINERAL EXPLORATION CORPN. LTD.	375	68	0	0	557	54
68	NATIONAL ALUMINIUM COMPANY LTD.	0	5	0	4	0	4
69	NATIONAL BLDG. CONSTN. CORPN. LTD.	4	25	4	24	3	13
70	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2	2	2	3	1	2
71	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	1	0
72	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	8	32	8	13	0	31
73	NATIONAL RESEARCH DEVELOPMENT CORPN.	0	3	0	3	0	3
74	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	1	3	2	3	2	3
75	NATIONAL SEEDS CORPN. LTD.	1878	96	677	39	656	50
76	NATIONAL SMALL INDUSTRIES CORPN. LTD.	156	27	151	33	80	20
77	NATIONAL TEXTILE CORPN. LTD.	18683	402	18615	441	15115	273
78	NEYVELI LIGNITE CORPN. LTD.	0	5	1	2	1	3
79	NMDC Ltd.	135334	1149	120604	1199	103610	1232
80	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	2	4	2	8	2	8
81	NTPC LTD.	731315	246	373910	198	77450	132
82	NUCLEAR POWER CORPN. OF INDIA LTD.	579396	1556	578588	1601	577113	1579
83	OIL & NATURAL GAS CORPORATION LTD.	761	0	748	0	748	0
84	OIL INDIA LTD.	0	1	0	2	0	2
85	P E C LTD.	0	0	0	0	0	1
86	POWER GRID CORPORATION OF INDIA LTD.	438731	406	377947	407	296128	397
87	POWER SYSTEM OPERATION CORPORATION LTD.	4350	63	3529	66	3099	66
88	PROJECTS & DEVELOPMENT INDIA LTD.	0	2	0	1	1	0
89	RAIL VIKAS NIGAM LTD.	0	17	0	14	18	11
90	RAILTEL CORPORATION INDIA LTD.	0	13	0	13	0	9
91	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	5	0	5	200	10
92	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	73	32	80	34	75	30
93	RASHTRIYA ISPAT NIGAM LTD.	485	10	477	10	402	9
94	REC POWER DISTRIBUTION CO. LTD.	1	0	5	0	0	0
95	rites LTD.	0	114	0	252	0	262
96	RURAL ELECTRIFICATION CORPN. LTD.	305	10	308	11	307	12
97	SCOOTERS INDIA LTD.	0	1	0	1	0	1
98	SJVN LTD.	0	2	0	2	0	2
99	STATE TRADING CORPN. OF INDIA LTD.	4991	15	2909	18	2642	18
100	STCL LTD.	572	14	560	25	553	29
101	STEEL AUTHORITY OF INDIA LTD.	39241	694	40275	807	40065	977
102	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	3	0	2	0	6
103	TUNGABHADRA STEEL PRODUCTS LTD.	2033	75	2056	84	2058	93
104	URANIUM CORPORATION OF INDIA LTD.	123	0	105	0	105	0
105	VIGNYAN INDUSTRIES LTD.	1673	113	1657	247	1657	146
106	WAPCOS LTD.	23	8	20	8	17	8

STATE TOTAL :		7245790	64153	6581726	67507	5088210	74259
	<b>KERALA</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	679	0	589	0	0
2	AIR INDIA CHARTERS LTD.	0	368	0	0	0	0
3	AIR INDIA LTD.	116724	218	0	218	0	218
4	BALMER LAWRIE & CO. LTD.	15	6	14	6	13	6
5	BEML LTD.	24	303	15181	327	14804	365
6	BHARAT BROADBAND NETWORK LTD.	6	2	0	1	0	0
7	BHARAT PETROLEUM CORPN. LTD.	1394881	2220	960910	2196	819483	2131
8	BHARAT SANCHAR NIGAM LTD.	1144504	13405	1144279	14020	1132096	14757
9	BHEL ELECTRICAL MACHINES LTD.	1100	175	1066	178	1062	183
10	BRIDGE & ROOF CO.(INDIA) LTD.	1320	10	387	14	140	39
11	CENTRAL WAREHOUSING CORPN.	4854	65	4648	65	4176	70
12	COCHIN SHIPYARD LTD.	64962	1786	60995	2450	58236	1656
13	CONTAINER CORPORATION OF INDIA LTD.	3932	11	2936	0	2778	6
14	DREDGING CORPN. OF INDIA LTD.	2	53	2	51	5	52
15	E. C. G. C. LTD.	241	11	207	9	213	10
16	ENGINEERING PROJECTS (INDIA) LTD.	8	5	8	6	0	6
17	ENGINEERS INDIA LTD.	0	122	0	71	0	13
18	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	149195	2490	148177	2745	143267	2874
19	FOOD CORPN. OF INDIA	10266	2356	9880	2268	8859	2410
20	GAIL (INDIA) LTD.	142545	30	146916	29	143818	31
21	GAIL GAS LTD.	0	9	0	1	0	1
22	HINDUSTAN ANTIBIOTICS LTD.	3	5	3	8	3	8
23	HINDUSTAN INSECTICIDES LTD.	5294	238	5028	230	5125	230
24	HINDUSTAN NEWSPRINT LTD.	48154	640	45787	702	43647	731
25	HINDUSTAN ORGANIC CHEMICALS LTD.	28253	376	28258	415	27790	438
26	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	1	0	1
27	HINDUSTAN PETROLEUM CORPN. LTD.	58222	173	54435	176	51858	181
28	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	3	2
29	HINDUSTAN PREFAB LTD.	0	2	0	5	0	6
30	HINDUSTAN SHIPYARD LTD.	0	1	0	0	0	0
31	HLL LIFECARE LTD.	31479	1111	29852	1733	23528	975
32	HMT MACHINE TOOLS LTD.	5572	302	5572	353	4633	520
33	HOUSING & URBAN DEV. CORPN. LTD.	567	29	570	29	570	30
34	HSCC (INDIA) LTD.	0	1	0	1	0	0
35	I T I LTD.	0	5	19116	614	19026	300
36	INDIAN OIL CORPORATION LTD.	192926	481	179181	496	165009	484
37	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	114	22	107	27	89	60
38	INDIAN RARE EARTHS LTD.	27143	666	25988	704	25731	742
39	INSTRUMENTATION LTD.	2843	315	2546	335	2105	357
40	IRCON INFRASTRUCTURE & SERVICES LTD.	825	0	865	0	850	0
41	IRCON INTERNATIONAL LTD.	9	13	82	10	82	8
42	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	20	0	19	0	19
43	M M T C LTD.	0	7	0	7	0	10
44	MADRAS FERTILIZERS LTD.	5	7	5	7	5	5

45	MANGALORE REFINERY & PETROCHEMICALS LTD.	574	0	574	0	0	0
46	MAZAGON DOCK SHIPBUILDERS LTD.	0	1	0	0	0	0
47	MECON LTD.	0	4	0	5	0	4
48	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	7	0	3	0	13
49	NATIONAL FILM DEV. CORPN. LTD.	0	4	0	3	0	3
50	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	13	11	12	9	10	8
51	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
52	NATIONAL SEEDS CORPN. LTD.	0	4	0	4	0	5
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	20	9	21	0	21	12
54	NATIONAL TEXTILE CORPN. LTD.	22752	1423	22317	1374	7692	1419
55	NHPC LTD.	0	1	0	0	0	0
56	NTPC ELECTRIC SUPPLY COMPANY LTD.	2	2	2	3	2	0
57	NTPC LTD.	135556	147	128438	146	127998	157
58	OIL & NATURAL GAS CORPORATION LTD.	0	0	152779	0	119643	0
59	OIL INDIA LTD.	0	10	0	20	0	13
60	POWER GRID CORPORATION OF INDIA LTD.	186360	85	188141	99	187816	111
61	RAILTEL CORPORATION INDIA LTD.	0	2	0	2	2748	7
62	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	1	0	1	0	0
63	RASHTRIYA ISPAT NIGAM LTD.	33	10	24	10	25	9
64	rites INFRASTRUCTURE SERVICES LTD.	228	0	228	0	0	0
65	rites LTD.	0	3	0	2	0	1
66	RURAL ELECTRIFICATION CORPN. LTD.	235	6	234	7	231	7
67	SCOOTERS INDIA LTD.	0	1	0	1	0	1
68	SJVN LTD.	0	1	0	1	0	2
69	STATE TRADING CORPN. OF INDIA LTD.	0	24	0	22	0	22
70	STCL LTD.	0	0	0	0	6	9
71	STEEL AUTHORITY OF INDIA LTD.	806	7	806	8	806	8
72	WAPCOS LTD.	12	5	11	5	15	8
<b>STATE TOTAL :</b>		<b>3782579</b>	<b>30506</b>	<b>3386588</b>	<b>32841</b>	<b>3146019</b>	<b>31754</b>
<b>LAKSHADWEEP</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	1	0	1	0	0
2	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0	0	0	4	0	0
3	BHARAT WAGON & ENGG. CO. LTD.	0	0	0	0	0	1
4	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	1
5	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	34
6	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	1	0	0	0
<b>STATE TOTAL :</b>		<b>0</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>36</b>
<b>MADHYA PRADESH</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	16	0	14	0	0
2	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	237	8	236	8	235	8
3	BALMER LAWRIE & CO. LTD.	0	2	0	1	0	1
4	BEML LTD.	293	127	335	153	338	159
5	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	1	3	1	3
6	BHARAT BROADBAND NETWORK LTD.	22	8	0	7	0	0

7	BHARAT HEAVY ELECTRICALS LTD.	139534	6652	133410	6983	123978	7288
8	BHARAT PETROLEUM CORPN. LTD.	185968	291	168584	289	160021	284
9	BHARAT SANCHAR NIGAM LTD.	618166	8559	614016	8864	615765	9370
10	BRIDGE & ROOF CO.(INDIA) LTD.	89	18	127	18	135	26
11	BURN STANDARD COMPANY LTD.	5058	0	5058	0	5058	95
12	CEMENT CORPN. OF INDIA LTD.	19749	1	19749	1	19749	1
13	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1297	224	853	190	761	182
14	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	886	2	994	2	803	2
15	CENTRAL WAREHOUSING CORPN.	8810	256	6306	249	4513	270
16	CONTAINER CORPORATION OF INDIA LTD.	4383	26	3790	24	3303	79
17	COTTON CORPN. OF INDIA LTD.	167	46	164	50	163	57
18	DREDGING CORPN. OF INDIA LTD.	0	1	0	0	29	0
19	E. C. G. C. LTD.	26	6	26	5	25	6
20	ELECTRONICS CORPN. OF INDIA LTD.	1	1	0	1	0	1
21	ENGINEERING PROJECTS (INDIA) LTD.	0	5	0	5	0	4
22	ENGINEERS INDIA LTD.	0	38	0	45	0	51
23	FOOD CORPN. OF INDIA	3468	1744	3259	1961	3212	2210
24	GAIL (INDIA) LTD.	896118	541	847330	487	737885	493
25	GAIL GAS LTD.	7153	6	6853	6	0	6
26	HINDUSTAN ANTIBIOTICS LTD.	2	9	2	13	2	13
27	HINDUSTAN COPPER LTD.	77318	679	65757	764	25957	821
28	HINDUSTAN PAPER CORPORATION LTD.	0	1	0	1	0	0
29	HINDUSTAN PETROLEUM CORPN. LTD.	62254	221	56166	230	49722	220
30	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	2	1
31	HINDUSTAN PREFAB LTD.	0	1	0	0	0	0
32	HINDUSTAN STEELWORKS COSTN. LTD.	3	1	2	1	0	0
33	HMT MACHINE TOOLS LTD.	0	0	0	0	0	6
34	HOUSING & URBAN DEV. CORPN. LTD.	333	25	325	27	324	24
35	HSCC (INDIA) LTD.	0	0	0	0	0	1
36	I T I LTD.	277	17	0	12	0	0
37	INDIA TOURISM DEV. CORPN. LTD.	0	4	0	6	0	6
38	INDIAN OIL CORPORATION LTD.	174867	554	151588	571	135542	569
39	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	101	15	84	17	46	17
40	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	335	0	163	0	0	0
41	IRCON INFRASTRUCTURE & SERVICES LTD.	1575	0	1525	0	1255	0
42	IRCON INTERNATIONAL LTD.	4	4	6	5	13	4
43	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	30	0	32	0	25
44	KONKAN RAILWAY CORPORATION LTD.	0	1	0	0	0	0
45	M M T C LTD.	0	0	0	1	0	1
46	M S T C LTD.	4	5	3	5	0	0
47	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	636	60	617	61	578	58
48	MECON LTD.	0	15	0	2	0	2
49	MINERAL EXPLORATION CORPN. LTD.	811	133	1674	153	821	168
50	MOIL LTD.	32853	3188	21553	3199	28386	3229
51	NATIONAL BLDG. CONSTN. CORPN. LTD.	14	66	13	113	14	79

52	NATIONAL FERTILIZERS LTD.	225527	837	223135	780	217838	796
53	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2	3	2	3	1	2
54	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
55	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	11	6	11	9	0	17
56	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	3	1	3	1	3
57	NATIONAL SEEDS CORPN. LTD.	454	50	400	41	401	44
58	NATIONAL SMALL INDUSTRIES CORPN. LTD.	52	10	52	10	50	12
59	NATIONAL TEXTILE CORPN. LTD.	23482	233	23197	261	1411	271
60	NEPA LTD.	10305	626	10432	613	10620	1178
61	NHDC LTD.	759248	533	755490	540	720809	547
62	NHPC LTD.	0	98	0	105	0	0
63	NMDC Ltd.	7383	193	7435	198	6960	218
64	NORTHERN COALFIELDS LTD.	455015	9441	434924	9805	406962	8994
65	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	6	0	8	0
66	NTPC LTD.	1898123	1753	1571249	1765	1312394	1721
67	OIL & NATURAL GAS CORPORATION LTD.	71673	0	60245	0	49010	0
68	OIL INDIA LTD.	26815	7	0	5	0	0
69	P E C LTD.	0	0	0	2	0	2
70	POWER GRID CORPORATION OF INDIA LTD.	2081502	394	1882496	414	1536770	444
71	POWER GRID JABALPUR TRANSMISSION LTD.	10	0	0	0	0	0
72	PRIZE PETROLEUM COMPANY LTD.	0	0	3	0	176	0
73	RAIL VIKAS NIGAM LTD.	0	25	0	27	12	20
74	RAILTEL CORPORATION INDIA LTD.	0	15	0	15	0	8
75	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	5	0	5	150	4
76	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	6	4	8	7	8	7
77	RASHTRIYA ISPAT NIGAM LTD.	23	3	22	4	29	4
78	REC POWER DISTRIBUTION CO. LTD.	2	0	2	0	0	0
79	rites LTD.	0	25	0	52	0	55
80	RURAL ELECTRIFICATION CORPN. LTD.	435	13	432	12	30	14
81	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	122352	2733	118084	2738	77256	2622
82	SJVN LTD.	0	23	0	24	0	16
83	SOUTH EASTERN COALFIELDS LTD.	156268	25696	137902	26989	131230	28055
84	STATE TRADING CORPN. OF INDIA LTD.	117	7	28	8	9	7
85	STCL LTD.	517	0	651	0	650	2
86	STEEL AUTHORITY OF INDIA LTD.	4499	250	769	263	4252	283
87	TCIL BINA TOLL ROAD LTD.	12087	0	11474	0	0	0
88	TCIL LAKHNADONE TOLL ROAD LTD.	5570	0	3491	0	0	0
89	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2975	32	3033	38	8637	44
90	WAPCOS LTD.	14	8	13	8	12	8
91	WESTERN COALFIELDS LTD.	91828	15616	90229	16502	88621	17491
STATE TOTAL :		8199108	82249	7445785	85825	6492945	88729
MAHARAHASHTRA							

1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	1515	0	1181	1	0
2	AIR INDIA CHARTERS LTD.	475858	187	444317	277	444317	277
3	AIR INDIA LTD.	566389	4989	604078	8814	599602	10602
4	AIRLINE ALLIED SERVICES LTD.	8	0	0	0	405	980
5	AIRPORTS AUTHORITY OF INDIA	395041	3250	389964	3450	366747	3559
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0	3	0	3	0	0
7	BALMER LAWRIE & CO. LTD.	15750	254	19826	277	11621	286
8	BEL OPTRONICS DEVICES LTD.	33004	133	32876	111	12586	112
9	BEML LTD.	266	100	261	103	323	113
10	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1152	14	1152	14	1150	13
11	BHARAT BROADBAND NETWORK LTD.	16	5	0	5	0	0
12	BHARAT DYNAMICS LTD.	3927	0	3927	0	0	0
13	BHARAT ELECTRONICS LTD.	11585	724	9906	733	9303	760
14	BHARAT HEAVY ELECTRICALS LTD.	37457	809	37654	889	36864	947
15	BHARAT PETRO RESOURCES JPDA	0	0	0	0	8476	0
16	BHARAT PETRO RESOURCES LTD.	1428	47	1071	32	300	32
17	BHARAT PETROLEUM CORPN. LTD.	2200031	5185	1935169	5448	1670540	5536
18	BHARAT PUMPS & COMPRESSORS LTD.	18	4	18	5	17	5
19	BHARAT SANCHAR NIGAM LTD.	1894642	20751	1828800	21969	1846737	23300
20	BRIDGE & ROOF CO.(INDIA) LTD.	568	17	836	19	929	113
21	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	99	29	92	28	89	30
22	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1460	455	1319	372	1320	376
23	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	4012	5	3304	3	2953	6
24	CENTRAL WAREHOUSING CORPN.	30246	481	30196	550	29830	630
25	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	403	55	394	55	391	56
26	COAL INDIA LTD.	5	10	6	11	21	12
27	COASTAL MAHARASHTRA MEGA POWER LTD.	722	0	647	0	576	0
28	CONCOR AIR LTD.	1851	0	800	15	0	0
29	CONTAINER CORPORATION OF INDIA LTD.	36030	189	23174	184	22617	107
30	COTTON CORPN. OF INDIA LTD.	6868	315	6774	327	6740	349
31	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	3153	35	1371	28	1309	16
32	DREDGING CORPN. OF INDIA LTD.	29	13	29	14	0	18
33	E. C. G. C. LTD.	18287	297	17168	301	14207	289
34	ELECTRONICS CORPN. OF INDIA LTD.	313	99	313	148	304	161
35	ENGINEERING PROJECTS (INDIA) LTD.	121	29	118	27	106	31
36	ENGINEERS INDIA LTD.	2445	94	1798	93	1622	80
37	FERRO SCRAP NIGAM LTD.	0	0	0	0	282	6
38	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	15	2	10	0	10	2
39	FOOD CORPN. OF INDIA	9746	3323	9521	3317	9017	3584
40	GAIL (INDIA) LTD.	278465	213	275362	261	271106	258
41	GAIL GAS LTD.	216	1	215	0	0	0
42	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	0	0	0
43	GOA SHIPYARD LTD.	15	5	15	6	15	7
44	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	13	1	14	4	13	4



45	HINDUSTAN AERONAUTICS LTD.	50686	5033	47342	5223	38536	5418
46	HINDUSTAN ANTIBIOTICS LTD.	21828	945	22138	990	20279	1016
47	HINDUSTAN COPPER LTD.	4288	128	4192	127	4129	126
48	HINDUSTAN INSECTICIDES LTD.	7873	649	7804	661	6761	658
49	HINDUSTAN ORGANIC CHEMICALS LTD.	36793	665	42195	731	46131	794
50	HINDUSTAN PAPER CORPORATION LTD.	8	3	9	3	12	8
51	HINDUSTAN PETROLEUM CORPN. LTD.	2099227	4310	1921391	4377	1702370	4565
52	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	2	2
53	HINDUSTAN SHIPYARD LTD.	0	2	0	2	0	2
54	HINDUSTAN STEELWORKS COSTN. LTD.	11	2	10	2	9	6
55	HLL LIFECARE LTD.	2443	20	0	99	0	0
56	HMT LTD.	548	81	546	80	542	80
57	HMT MACHINE TOOLS LTD.	0	0	0	0	0	19
58	HOTEL CORPN. OF INDIA LTD.	927	325	976	325	987	435
59	HOUSING & URBAN DEV. CORPN. LTD.	868	30	865	30	862	30
60	HSCC (INDIA) LTD.	0	0	0	1	0	0
61	I T I LTD.	0	0	277	25	277	616
62	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	0	0	1
63	INDIA TOURISM DEV. CORPN. LTD.	10	10	10	16	41	16
64	INDIA TRADE PROMOTION ORGANISATION	30	18	30	19	0	22
65	INDIAN OIL CORPORATION LTD.	286132	2508	299378	2635	250562	2665
66	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	3004	165	2148	248	707	200
67	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	129	0	129	0	0	0
68	INDIAN RARE EARTHS LTD.	591	101	575	101	563	104
69	INSTRUMENTATION LTD.	99	5	100	11	100	15
70	IRCON INTERNATIONAL LTD.	372	22	383	18	442	20
71	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	43	0	39	0	39
72	KONKAN RAILWAY CORPORATION LTD.	230287	2487	219701	2498	214763	2502
73	M M T C LTD.	1043	122	1041	128	1009	130
74	M S T C LTD.	208	30	206	28	217	29
75	MAHANAGAR TELEPHONE NIGAM LTD.	1298729	17033	1253673	0	1288916	18999
76	MANGALORE REFINERY & PETROCHEMICALS LTD.	23	8	62	10	72	8
77	MAZAGON DOCK SHIPBUILDERS LTD.	53219	8919	48658	8630	39001	12306
78	MECON LTD.	678	8	670	9	678	9
79	MILLENNIUM TELECOM LTD.	38	0	38	0	0	0
80	MINERAL EXPLORATION CORPN. LTD.	3299	410	3517	403	3259	429
81	MOIL LTD.	33454	3223	36314	3268	22264	3251
82	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5245	197	5218	186	5157	179
83	NATIONAL ALUMINIUM COMPANY LTD.	66	10	65	12	68	13
84	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	51	1	51	1	51	1
85	NATIONAL BLDG. CONSTN. CORPN. LTD.	23	90	22	86	22	40
86	NATIONAL FERTILIZERS LTD.	22	9	11	0	11	0
87	NATIONAL FILM DEV. CORPN. LTD.	705	56	945	56	926	50
88	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	65	4	33	5	33	4

89	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
90	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	42	7	45	7	0	5
91	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	49	2	49	2	49	3
92	NATIONAL SEEDS CORPN. LTD.	884	50	863	44	855	46
93	NATIONAL SMALL INDUSTRIES CORPN. LTD.	176	52	171	55	301	53
94	NATIONAL TEXTILE CORPN. LTD.	47874	2945	48767	2929	55120	2744
95	NEPA LTD.	0	3	0	2	0	0
96	NEYVELI LIGNITE CORPN. LTD.	12	3	9	3	9	3
97	NHPC LTD.	503	9	503	10	506	10
98	NMDC Ltd.	146	2	146	2	146	2
99	NTPC LTD.	1605752	711	1177064	697	754270	649
100	NUCLEAR POWER CORPN. OF INDIA LTD.	929850	3548	803249	3588	778319	3548
101	NUMALIGARH REFINERY LTD.	3	0	3	0	3	0
102	OIL & NATURAL GAS CORPORATION LTD.	15010826	6789	13900481	6976	14065391	6623
103	OIL INDIA LTD.	0	10	0	10	0	1
104	P E C LTD.	0	7	0	8	0	8
105	PAWAN HANS LTD.	113282	257	113021	367	78373	517
106	POWER FINANCE CORPORATION LTD.	0	2	0	2	0	2
107	POWER GRID CORPORATION OF INDIA LTD.	1632533	477	1299716	480	791116	501
108	POWER SYSTEM OPERATION CORPORATION LTD.	3651	88	3093	86	2708	81
109	PROJECTS & DEVELOPMENT INDIA LTD.	12	10	10	12	9	11
110	RAIL VIKAS NIGAM LTD.	0	20	0	18	38	20
111	RAILTEL CORPORATION INDIA LTD.	27385	67	23723	67	17411	65
112	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	409975	3822	405939	3927	384231	3914
113	RASHTRIYA ISPAT NIGAM LTD.	2451	33	1860	33	1177	32
114	REC POWER DISTRIBUTION CO. LTD.	4	1	2	0	15	0
115	RICHARDSON & CRUDDAS(1972) LTD.	2799	17	2595	22	3220	34
116	rites LTD.	1067	170	1034	171	937	172
117	RURAL ELECTRIFICATION CORPN. LTD.	182	15	181	16	174	17
118	SCOOTERS INDIA LTD.	0	2	0	2	0	2
119	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	108830	6184	106788	6497	105040	6802
120	SHIPPING CORPORATION OF INDIA LTD.	1777253	622	1753020	663	1673642	691
121	SJVN LTD.	29939	5	29691	5	2749	3
122	STATE TRADING CORPN. OF INDIA LTD.	9884	93	720	96	94	102
123	STCL LTD.	0	0	0	0	1	2
124	STEEL AUTHORITY OF INDIA LTD.	34277	660	34442	754	24024	815
125	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	17	9	17	6	17	7
126	THDC INDIA LTD.	18	2	18	4	19	4
127	WAPCOS LTD.	13	6	14	6	14	6
128	WESTERN COALFIELDS LTD.	441053	34441	405800	35969	390889	37452
<b>STATE TOTAL :</b>		<b>32365418</b>	<b>152452</b>	<b>29716252</b>	<b>143693</b>	<b>28153074</b>	<b>172411</b>
	<b>MANIPUR</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	15	0	14	0	0
2	BHARAT PETROLEUM CORPN. LTD.	323	1	98	0	14	0

3	ENGINEERING PROJECTS (INDIA) LTD.	1	1	0	1	0	0
4	HINDUSTAN PREFAB LTD.	0	1	0	5	0	0
5	HOUSING & URBAN DEV. CORPN. LTD.	1	3	1	3	1	3
6	HSCC (INDIA) LTD.	0	2	0	3	0	2
7	INDIAN OIL CORPORATION LTD.	21087	49	13708	47	11703	40
8	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	9465	33	8319	38	5118	31
9	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	16
10	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	2	0	1
11	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	170	26	178	38	0	31
12	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	2	0	1	0	2
13	NHPC LTD.	18883	416	17934	458	17331	498
14	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1861	3	1855	0	1851	0
15	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	2	0	2	1
16	OIL INDIA LTD.	0	7	0	38	0	33
17	POWER GRID CORPORATION OF INDIA LTD.	16711	65	9979	57	10862	59
18	RAILTEL CORPORATION INDIA LTD.	0	4	0	4	0	3
19	rites LTD.	0	3	0	0	0	0
20	SJVN LTD.	0	3	0	3	0	3
<b>STATE TOTAL :</b>		<b>68502</b>	<b>636</b>	<b>52074</b>	<b>712</b>	<b>46882</b>	<b>723</b>
	<b>MEGHALAYA</b>						
1	BHARAT BROADBAND NETWORK LTD.	5	1	0	1	0	0
2	COAL INDIA LTD.	487	18	487	18	458	19
3	ENGINEERING PROJECTS (INDIA) LTD.	0	2	0	2	0	1
4	FOOD CORPN. OF INDIA	4867	422	3732	464	3312	544
5	HINDUSTAN PETROLEUM CORPN. LTD.	1023	0	862	0	847	0
6	HINDUSTAN PREFAB LTD.	0	4	0	7	0	9
7	HOUSING & URBAN DEV. CORPN. LTD.	20	4	24	4	24	2
8	HSCC (INDIA) LTD.	0	1	0	1	2	1
9	I T I LTD.	0	0	0	2	0	0
10	INDIAN OIL CORPORATION LTD.	169	0	1589	1	3054	5
11	MINERAL EXPLORATION CORPN. LTD.	0	8	125	23	0	0
12	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	13	0	24	0	63
13	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
14	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	50	39	56	51	0	39
15	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	1	0	2	0	1
16	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	12	6	9	6	2	5
17	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	5016	458	3763	493	3963	476
18	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	165	2	165	4	165	4
19	NUMALIGARH REFINERY LTD.	124	0	124	0	128	0
20	OIL & NATURAL GAS CORPORATION LTD.	2799	0	2799	0	2799	0
21	OIL INDIA LTD.	20	11	14	12	0	4

22	POWER GRID CORPORATION OF INDIA LTD.	15569	228	14806	200	14825	219
23	POWER SYSTEM OPERATION CORPORATION LTD.	3295	49	2945	50	3048	50
24	RAILTEL CORPORATION INDIA LTD.	0	2	0	2	0	2
25	REC POWER DISTRIBUTION CO. LTD.	0	0	0	0	3	0
26	MITES LTD.	0	2	0	7	0	7
27	RURAL ELECTRIFICATION CORPN. LTD.	16	7	18	7	16	7
28	URANIUM CORPORATION OF INDIA LTD.	852	3	775	0	732	0
29	WAPCOS LTD.	0	1	0	1	0	0
<b>STATE TOTAL :</b>		<b>34489</b>	<b>1282</b>	<b>32293</b>	<b>1382</b>	<b>33380</b>	<b>1458</b>
<b>MIZORAM</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	4	0	4	0	0
2	ENGINEERING PROJECTS (INDIA) LTD.	5	6	0	6	3	7
3	HINDUSTAN PETROLEUM CORPN. LTD.	252	0	228	0	228	0
4	HINDUSTAN PREFAB LTD.	0	1	0	6	0	8
5	HOUSING & URBAN DEV. CORPN. LTD.	1	4	1	3	1	3
6	HSCC (INDIA) LTD.	0	1	0	1	0	0
7	INDIAN OIL CORPORATION LTD.	4409	17	4148	16	5019	16
8	IRCON INTERNATIONAL LTD.	5	4	4	3	5	3
9	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	14	0	14	0	42
10	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	11	0	26	0	30
11	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	78966	115	53532	124	43535	124
12	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1	1	1	0	1	2
13	NTPC LTD.	0	2	0	2	0	5
14	OIL & NATURAL GAS CORPORATION LTD.	9882	0	8088	0	8083	0
15	OIL INDIA LTD.	11121	8	3464	7	0	4
16	POWER GRID CORPORATION OF INDIA LTD.	19147	40	19147	35	13331	34
17	RAILTEL CORPORATION INDIA LTD.	0	3	0	3	0	2
18	MITES LTD.	0	0	0	1	0	1
<b>STATE TOTAL :</b>		<b>123789</b>	<b>231</b>	<b>88613</b>	<b>251</b>	<b>70206</b>	<b>281</b>
<b>NAGALAND</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	7	0	5	0	0
2	BHARAT PETROLEUM CORPN. LTD.	32	0	0	0	0	0
3	CENTRAL WAREHOUSING CORPN.	65	7	65	6	65	9
4	ENGINEERING PROJECTS (INDIA) LTD.	0	0	4	0	0	0
5	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	3	0	0	0	0	0
6	FOOD CORPN. OF INDIA	5349	368	4817	363	4007	384
7	HINDUSTAN PETROLEUM CORPN. LTD.	157	0	157	0	156	0
8	HINDUSTAN PREFAB LTD.	0	1	0	5	0	5
9	HOUSING & URBAN DEV. CORPN. LTD.	56	12	56	13	53	15
10	INDIAN OIL CORPORATION LTD.	6115	25	6212	23	6431	27
11	NAGALAND PULP & PAPER COMPANY LTD.	10582	183	8538	220	7713	216
12	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	19
13	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	15	0	19	0	24

14	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	1	0	1	0	0
15	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	76481	225	75511	222	75691	225
16	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1	2	1	1	1	1
17	OIL & NATURAL GAS CORPORATION LTD.	13548	0	13548	0	13548	0
18	OIL INDIA LTD.	0	9	0	9	0	0
19	POWER GRID CORPORATION OF INDIA LTD.	13400	52	8815	54	10703	59
20	RAILTEL CORPORATION INDIA LTD.	0	0	0	0	0	2
21	MITES LTD.	0	0	0	3	0	2
22	STEEL AUTHORITY OF INDIA LTD.	0	0	0	0	0	3
<b>STATE TOTAL :</b>		<b>125789</b>	<b>907</b>	<b>117724</b>	<b>944</b>	<b>118368</b>	<b>991</b>
	<b>ORISSA</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	17	0	12	0	0
2	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	324	13	323	12	321	12
3	BALMER LAWRIE & CO. LTD.	13	5	11	5	11	3
4	BEML LTD.	108	64	89	68	94	70
5	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1	3	2	3	1	5
6	BHARAT BROADBAND NETWORK LTD.	7	2	0	1	0	0
7	BHARAT PETROLEUM CORPN. LTD.	42773	147	38388	155	35604	150
8	BHARAT SANCHAR NIGAM LTD.	390837	3829	369329	4101	361802	4423
9	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	3	0	0
10	BRIDGE & ROOF CO.(INDIA) LTD.	3682	25	3437	25	3181	147
11	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2309	414	2071	365	1850	349
12	CENTRAL WAREHOUSING CORPN.	9974	143	9367	142	8153	152
13	CONTAINER CORPORATION OF INDIA LTD.	2834	4	1662	7	3767	9
14	COTTON CORPN. OF INDIA LTD.	20	25	15	22	7	17
15	DREDGING CORPN. OF INDIA LTD.	4	3	4	10	4	23
16	E. C. G. C. LTD.	22	4	22	4	21	4
17	ELECTRONICS CORPN. OF INDIA LTD.	3	0	0	0	0	0
18	ENGINEERING PROJECTS (INDIA) LTD.	0	1	0	1	1	2
19	ENGINEERS INDIA LTD.	0	24	0	31	0	37
20	FERRO SCRAP NIGAM LTD.	4550	184	4194	192	4174	210
21	FERTILIZER CORPN. OF INDIA LTD.	7701	3	29197	3	29197	3
22	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	3	0	3	0	3	0
23	FOOD CORPN. OF INDIA	5838	2306	5529	2405	4800	2553
24	GHOARPALLI INTEGRATED POWER COMPANY LTD.	435	0	356	0	262	0
25	HINDUSTAN AERONAUTICS LTD.	95194	3704	90393	3845	112580	3922
26	HINDUSTAN PETROLEUM CORPN. LTD.	43425	113	40282	119	33528	118
27	HINDUSTAN PREFAB LTD.	0	1	0	1	4	3
28	HINDUSTAN STEELWORKS COSTN. LTD.	520	4	465	8	302	11
29	HLL LIFECARE LTD.	55	6	67	18	0	0
30	HOUSING & URBAN DEV. CORPN. LTD.	371	19	392	19	392	19
31	HSCC (INDIA) LTD.	0	3	0	2	0	4
32	I T I LTD.	3	8	3	10	3	0

33	INDIA TOURISM DEV. CORPN. LTD.	383	43	366	53	337	53
34	INDIAN OIL CORPORATION LTD.	3912803	1187	3392534	1065	1803879	1002
35	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	87	62	87	72	78	78
36	INDIAN RARE EARTHS LTD.	29960	876	27804	912	25851	937
37	IRCON INTERNATIONAL LTD.	0	1	0	0	1	3
38	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	14	0	10
39	KIOCL LTD.	0	11	6	10	6	8
40	M M T C LTD.	1822	148	1819	159	1826	162
41	M S T C LTD.	4	0	0	0	0	0
42	MAHANADI BASIN POWER LTD.	1257	10	983	9	726	4
43	MAHANADI COALFIELDLS LTD.	677349	22240	596529	22259	512718	22043
44	MECON LTD.	169	30	155	31	154	32
45	MINERAL EXPLORATION CORPN. LTD.	0	6	3	3	4	5
46	MJSJ COAL LTD.	3518	18	7630	18	7418	19
47	MNH SHAKTI LTD.	5171	16	5214	16	4592	16
48	NATIONAL ALUMINIUM COMPANY LTD.	1516345	7192	1495657	7289	1485783	7409
49	NATIONAL BLDG. CONSTN. CORPN. LTD.	1	74	0	39	1	21
50	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	3	1	2	1	2
51	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	5	0
52	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	7	16	8	18	0	22
53	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	1	2	1	2
54	NATIONAL SEEDS CORPN. LTD.	0	6	0	6	0	5
55	NATIONAL SMALL INDUSTRIES CORPN. LTD.	660	20	30	18	28	19
56	NATIONAL TEXTILE CORPN. LTD.	303	49	302	8	369	8
57	NHPC LTD.	0	0	147	31	149	41
58	NMDC Ltd.	7	3	7	3	7	3
59	NTPC ELECTRIC SUPPLY COMPANY LTD.	50	13	59	14	66	0
60	NTPC LTD.	1126158	2012	1048428	2110	1013005	2177
61	NUMALIGARH REFINERY LTD.	20	0	5	0	3	0
62	ODISHA INFRAPOWER LTD.	11	0	0	0	0	0
63	OIL & NATURAL GAS CORPORATION LTD.	673	0	442836	0	323839	0
64	OIL INDIA LTD.	329	72	981	90	149	60
65	ORISSA DRUGS & CHEMICALS LTD.	584	61	519	64	194	69
66	ORISSA INTEGRATED POWER LTD.	21377	0	18037	0	0	0
67	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	15829	564	14789	588	14423	654
68	POWER GRID CORPORATION OF INDIA LTD.	719033	352	576967	420	439809	416
69	RAIL VIKAS NIGAM LTD.	0	35	0	34	134	33
70	RAILTEL CORPORATION INDIA LTD.	0	8	0	8	344	9
71	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	17	0	17	2	17	0
72	RASHTRIYA ISPAT NIGAM LTD.	86	8	84	8	84	8
73	REC POWER DISTRIBUTION CO. LTD.	0	0	9	0	0	0
74	rites LTD.	194	81	179	107	148	101
75	RURAL ELECTRIFICATION CORPN. LTD.	187	13	186	17	183	16



76	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	502	0	411	0	294	0
77	SJVN LTD.	0	14	0	15	0	13
78	STEEL AUTHORITY OF INDIA LTD.	2161437	18181	2001421	18886	1761060	19610
79	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	6	4	7	4	3	5
80	THE BISRA STONE LIME COMPANY LTD.	1846	784	1988	978	1978	1035
81	THE JUTE CORPN. OF INDIA LTD.	2	31	2	28	2	39
82	UTKAL ASHOK HOTEL CORPN. LTD.	288	23	288	23	288	23
83	WAPCOS LTD.	102	8	7	5	6	4
<b>STATE TOTAL :</b>		<b>10809585</b>	<b>65351</b>	<b>10232104</b>	<b>67027</b>	<b>8000025</b>	<b>68422</b>
<b>OTHERS AND UNALLOCATED</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	30844	2338	0	0	0	0
2	AIR INDIA CHARTERS LTD.	0	0	21622	0	0	0
3	AIR INDIA LTD.	0	0	0	0	268288	0
4	AIRPORTS AUTHORITY OF INDIA	77496	0	0	0	0	0
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0	0	0	0	25	0
6	BALMER LAWRIE & CO. LTD.	0	0	0	3	0	1
7	BEL OPTRONICS DEVICES LTD.	0	0	0	0	9129	0
8	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	10971	0	12543	0
9	BHARAT BROADBAND NETWORK LTD.	14012	0	0	0	0	0
10	BHARAT HEAVY ELECTRICALS LTD.	0	0	207461	6274	0	0
11	BHARAT PETRO RESOURCES LTD.	6774	0	5911	0	8001	0
12	BHARAT PETROLEUM CORPN. LTD.	0	4	0	4	0	11
13	BHARAT SANCHAR NIGAM LTD.	286380	20106	299216	22724	600975	23764
14	BHARTIYA RAIL BIJLEE CO. LTD.	0	0	0	0	336	0
15	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	39	0
16	BRIDGE & ROOF CO.(INDIA) LTD.	1458	0	74	0	0	0
17	BRITISH INDIA CORPORATION LTD.	0	0	0	0	335	0
18	BURN STANDARD COMPANY LTD.	0	0	0	0	907	0
19	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	0	0	0	0	252	0
20	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	0	0	0	0	4324	0
21	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	101	0	35	0	99	0
22	CONTAINER CORPORATION OF INDIA LTD.	297334	0	267560	0	250408	0
23	CREDA HPCL BIOFUEL LTD.	0	0	0	0	775	0
24	DONYI POLO ASHOK HOTEL LTD.	0	0	0	0	0	15
25	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	2262	0
26	EdCIL(India) Ltd.	0	0	0	0	14	0
27	ELECTRONICS CORPN. OF INDIA LTD.	0	0	0	0	1232	0
28	ENGINEERING PROJECTS (INDIA) LTD.	28	20	20	12	0	0
29	ENGINEERS INDIA LTD.	515	190	116	171	122	178
30	GAIL (INDIA) LTD.	129842	8	129431	8	124889	10
31	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	0	22	0
32	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	1847	0
33	HINDUSTAN CABLES LTD.	0	0	265	0	0	0
34	HINDUSTAN COPPER LTD.	0	0	0	0	42768	0
35	HINDUSTAN ORGANIC CHEMICALS LTD.	0	0	0	0	3875	0

36	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	815	0
37	HINDUSTAN PETROLEUM CORPN. LTD.	30652	0	7246	0	5	0
38	HINDUSTAN PREFAB LTD.	0	0	0	0	2	2
39	HINDUSTAN SHIPYARD LTD.	0	0	0	0	1156	0
40	HLL LIFECARE LTD.	0	0	0	-1215	1	0
41	HMT MACHINE TOOLS LTD.	0	0	0	0	1291	0
42	HOOGHLY PRINTING COMPANY LTD.	0	0	308	0	307	0
43	HOTEL CORPN. OF INDIA LTD.	0	0	12	0	0	0
44	HSCC (INDIA) LTD.	0	1	0	2	63	1
45	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	0	133	0
46	INDIAN DRUGS & PHARMACEUTICALS LTD.	1183	25	0	0	0	95
47	INDIAN OIL CORPORATION LTD.	22661	0	19755	0	14635	0
48	INDIAN OIL-CREDA BIOFUELS LTD.	0	0	0	0	2	0
49	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	0	0	0	441	0
50	INDIAN RAILWAY FINANCE CORPORATION LTD.	0	0	0	0	2	0
51	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	507	0	216	0	0	0
52	INSTRUMENTATION LTD.	0	0	0	0	19	0
53	IRCON INFRASTRUCTURE & SERVICES LTD.	1267	9	1267	0	1	119
54	IRCON INTERNATIONAL LTD.	28849	225	29749	285	27889	419
55	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	6	0	7	0	7
56	KIOCL LTD.	0	0	0	0	657	0
57	KONKAN RAILWAY CORPORATION LTD.	0	0	0	0	6684	0
58	M S T C LTD.	0	0	0	0	36	0
59	MADRAS FERTILIZERS LTD.	0	0	0	0	117	0
60	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	38257	0	0	0
61	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	0	0	755448	0
62	MECON LTD.	0	1	0	11	0	8
63	MINERAL EXPLORATION CORPN. LTD.	0	0	0	0	98	0
64	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	1	0	1	0	37
65	NATIONAL FERTILIZERS LTD.	0	0	995	389	136841	423
66	NATIONAL FILM DEV. CORPN. LTD.	0	0	0	0	1	0
67	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	8048	0	0	0	6672	0
68	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	0	0	0	0	2909	0
69	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0	2	0	0
70	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	0	0	0	0	1	0
71	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	1	0	6	0	4
72	NATIONAL TEXTILE CORPN. LTD.	0	0	0	0	47733	0
73	NHDC LTD.	0	0	0	0	306	0
74	NHPC LTD.	0	6	0	6	143	224
75	NMDC Ltd.	42	5	41	3	37	2
76	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	0	0	0	0	1

77	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	266	0	240	0	233	0
78	NTPC LTD.	0	7	0	0	0	0
79	NUMALIGARH REFINERY LTD.	461	0	848	0	1600	0
80	OIL & NATURAL GAS CORPORATION LTD.	6019485	0	2593349	0	394679	0
81	OIL INDIA LTD.	30400	75	14956	75	34561	40
82	ONGC VIDESH LTD.	11572338	1881	10839766	2169	6766747	2006
83	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	0	0	140	0
84	PAWAN HANS LTD.	0	0	0	0	48649	0
85	POWER GRID CORPORATION OF INDIA LTD.	27	11	27	13	27	7
86	POWER SYSTEM OPERATION CORPORATION LTD.	0	0	0	0	362	0
87	RAIL VIKAS NIGAM LTD.	0	0	0	0	1456	0
88	RAILTEL CORPORATION INDIA LTD.	0	0	0	0	5809	0
89	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	0	0	15	0
90	REC POWER DISTRIBUTION CO. LTD.	0	0	0	0	32	0
91	rites LTD.	0	38	0	199	4442	163
92	SETHUSAMUDRAM CORPN. LTD.	0	0	0	0	232	0
93	SHIPPING CORPORATION OF INDIA LTD.	52	3	52	0	99	5
94	SJVN LTD.	8	9	0	12	7617	13
95	STATE TRADING CORPN. OF INDIA LTD.	0	0	0	0	4264	0
96	STEEL AUTHORITY OF INDIA LTD.	0	2	0	1	0	1
97	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3789	248	3997	280	4000	221
98	THDC INDIA LTD.	0	0	19	6	78539	12
99	THE JUTE CORPN. OF INDIA LTD.	0	0	0	0	100	0
100	URANIUM CORPORATION OF INDIA LTD.	0	0	0	0	64416	0
101	WAPCOS LTD.	84	98	72	96	69	69
102	WESTERN COALFIELDS LTD.	0	14	0	13	1226	17
<b>STATE TOTAL :</b>		<b>18564903</b>	<b>25332</b>	<b>14493854</b>	<b>31557</b>	<b>9757226</b>	<b>27875</b>
	<b>PONDICHERRY</b>						
1	CENTRAL WAREHOUSING CORPN.	38	2	38	2	38	4
2	GAIL (INDIA) LTD.	14749	25	14730	22	14259	0
3	HINDUSTAN PETROLEUM CORPN. LTD.	7	0	7	0	7	0
4	HOUSING & URBAN DEV. CORPN. LTD.	1	9	1	9	1	9
5	INDIA TOURISM DEV. CORPN. LTD.	0	3	0	4	0	4
6	INDIAN OIL CORPORATION LTD.	15849	19	5497	21	12619	20
7	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	0	0	0	3	0
8	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	0	0	1
9	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	0	0	0	0	35
10	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	8	2
11	NATIONAL SMALL INDUSTRIES CORPN. LTD.	36	5	36	5	36	5
12	NATIONAL TEXTILE CORPN. LTD.	3447	253	3444	258	1954	247
13	OIL & NATURAL GAS CORPORATION LTD.	0	1288	0	1469	0	1168
14	PONDICHERRY ASHOK HOTEL CORPN. LTD.	367	19	368	20	348	21

15	POWER GRID CORPORATION OF INDIA LTD.	4456	20	4218	22	4068	19
16	rites LTD.	0	2	0	12	0	11
<b>STATE TOTAL :</b>		<b>38950</b>	<b>1646</b>	<b>28339</b>	<b>1844</b>	<b>33341</b>	<b>1546</b>
	<b>PUNJAB</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	79	0	88	0	0
2	AIR INDIA LTD.	0	10	0	10	0	10
3	AIRLINE ALLIED SERVICES LTD.	3	0	0	0	0	0
4	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	273	5	270	4	267	3
5	BALMER LAWRIE & CO. LTD.	0	1	0	2	0	0
6	BHARAT BROADBAND NETWORK LTD.	16	2	0	3	0	0
7	BHARAT HEAVY ELECTRICALS LTD.	3747	267	3541	274	3296	271
8	BHARAT PETROLEUM CORPN. LTD.	55571	208	49186	219	46527	211
9	BHARAT SANCHAR NIGAM LTD.	734786	8156	729113	8669	731534	9219
10	BRIDGE & ROOF CO.(INDIA) LTD.	421	4	445	11	477	1
11	BRITISH INDIA CORPORATION LTD.	1999	592	394	400	1940	652
12	CENTRAL WAREHOUSING CORPN.	8200	201	7437	192	7372	232
13	CONTAINER CORPORATION OF INDIA LTD.	7415	44	5978	43	5834	44
14	COTTON CORPN. OF INDIA LTD.	215	69	216	65	211	68
15	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1551	0	901	3	878	3
16	DREDGING CORPN. OF INDIA LTD.	0	5	0	4	0	4
17	E. C. G. C. LTD.	149	13	149	13	147	12
18	ELECTRONICS CORPN. OF INDIA LTD.	0	0	1	0	98	0
19	ENGINEERS INDIA LTD.	0	0	0	0	0	5
20	FOOD CORPN. OF INDIA	16728	16767	15880	17103	15500	18305
21	GAIL (INDIA) LTD.	2206	10	701	7	0	6
22	GAIL GAS LTD.	0	1	0	0	0	0
23	HINDUSTAN INSECTICIDES LTD.	1577	191	1516	196	1471	195
24	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	0	0	2
25	HINDUSTAN PETROLEUM CORPN. LTD.	118731	152	114790	159	108613	148
26	HMT LTD.	150	6	146	12	146	12
27	HSCC (INDIA) LTD.	0	4	0	3	0	6
28	I T I LTD.	0	2	0	22	0	0
29	INDIAN OIL CORPORATION LTD.	191020	510	170688	549	157897	497
30	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	15	0	16	0	12
31	INSTRUMENTATION LTD.	4	1	0	2	0	2
32	IRCON INTERNATIONAL LTD.	1	0	93	0	93	0
33	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	14	0	11	0	6
34	M M T C LTD.	0	0	0	5	0	9
35	NATIONAL BLDG. CONSTN. CORPN. LTD.	2	12	2	6	2	21
36	NATIONAL FERTILIZERS LTD.	336821	1929	332805	2041	190807	2150
37	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1	2	2	2	2	3
38	NATIONAL SEEDS CORPN. LTD.	0	12	82	15	0	16
39	NATIONAL SMALL INDUSTRIES CORPN. LTD.	174	29	152	32	136	31
40	NATIONAL TEXTILE CORPN. LTD.	564	10	564	19	563	21
41	NHPC LTD.	0	86	756	97	0	0
42	NUMALIGARH REFINERY LTD.	96	0	102	0	102	0

43	OIL & NATURAL GAS CORPORATION LTD.	180	0	172	0	172	0
44	OIL INDIA LTD.	0	19	0	5	0	2
45	POWER GRID CORPORATION OF INDIA LTD.	447938	176	338004	202	297619	227
46	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	10245	0	0	0	0	0
47	RAILTEL CORPORATION INDIA LTD.	0	3	0	3	0	3
48	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	11	9	14	6	13	15
49	RASHTRIYA ISPAT NIGAM LTD.	83	10	82	10	69	9
50	rites LTD.	0	13	0	14	0	12
51	SCOOTERS INDIA LTD.	0	1	0	1	0	2
52	SJVN LTD.	0	19	0	21	0	19
53	STATE TRADING CORPN. OF INDIA LTD.	0	8	0	8	0	8
54	STEEL AUTHORITY OF INDIA LTD.	545	44	999	48	476	48
55	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	7935	36	7716	32	7715	52
<b>STATE TOTAL :</b>		<b>1949358</b>	<b>29747</b>	<b>1782897</b>	<b>30647</b>	<b>1579977</b>	<b>32574</b>
	<b>RAJASTHAN</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	35	0	19	0	0
2	AIR INDIA LTD.	116723	20	0	20	0	20
3	BEML LTD.	11	39	10	37	9	35
4	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1	2	2	2	1	2
5	BHARAT BROADBAND NETWORK LTD.	18	6	0	5	0	0
6	BHARAT PETRO RESOURCES LTD.	2117	0	2103	0	3990	0
7	BHARAT PETROLEUM CORPN. LTD.	111242	302	85539	321	66707	313
8	BHARAT SANCHAR NIGAM LTD.	732913	9753	741678	10054	744187	10587
9	BRIDGE & ROOF CO.(INDIA) LTD.	4	4	4	14	9	1
10	CENTRAL WAREHOUSING CORPN.	11473	133	9999	134	7023	132
11	COAL INDIA LTD.	2	5	2	9	2	11
12	CONTAINER CORPORATION OF INDIA LTD.	29127	41	19180	31	14682	28
13	COTTON CORPN. OF INDIA LTD.	154	65	150	71	146	75
14	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	28233	77	2122	67	1977	41
15	DREDGING CORPN. OF INDIA LTD.	0	3	0	5	0	5
16	E. C. G. C. LTD.	116	12	116	12	104	11
17	ELECTRONICS CORPN. OF INDIA LTD.	1	0	1	0	1	0
18	ENGINEERING PROJECTS (INDIA) LTD.	435	5	435	3	435	2
19	ENGINEERS INDIA LTD.	0	9	0	17	0	27
20	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1015	55	985	68	386	72
21	FOOD CORPN. OF INDIA	6609	2747	6463	2550	6090	2652
22	GAIL (INDIA) LTD.	131035	152	130409	137	129135	130
23	GAIL GAS LTD.	7454	8	7269	5	0	5
24	HINDUSTAN ANTIBIOTICS LTD.	2	12	2	13	2	14
25	HINDUSTAN COPPER LTD.	59415	1964	53686	2226	37703	2448
26	HINDUSTAN PAPER CORPORATION LTD.	0	1	5	2	0	3
27	HINDUSTAN PETROLEUM CORPN. LTD.	167733	224	153224	238	139190	221
28	HINDUSTAN SALTS LTD.	182	38	164	44	194	35
29	HMT MACHINE TOOLS LTD.	3231	187	3231	224	3231	357
30	HOUSING & URBAN DEV. CORPN. LTD.	725	24	705	23	291	25
31	HPCL RAJASTHAN REFINERY LTD.	2760	0	2029	0	0	0

32	I T I LTD.	0	11	0	40	0	0
33	INDIA TOURISM DEV. CORPN. LTD.	505	43	494	60	486	63
34	INDIAN OIL CORPORATION LTD.	411884	925	323630	912	372994	835
35	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	65	33	64	38	63	32
36	INSTRUMENTATION LTD.	5496	616	5487	730	5391	801
37	IRCON INFRASTRUCTURE & SERVICES LTD.	908	0	908	0	892	0
38	IRCON INTERNATIONAL LTD.	52	48	58	50	59	42
39	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	9	0	19	0	17
40	M M T C LTD.	149	25	147	27	147	29
41	MECON LTD.	0	1	0	0	0	1
42	MINERAL EXPLORATION CORPN. LTD.	857	110	851	140	1443	227
43	NATIONAL ALUMINIUM COMPANY LTD.	28375	0	28378	0	2828	0
44	NATIONAL BLDG. CONSTN. CORPN. LTD.	2	40	2	32	0	33
45	NATIONAL FERTILIZERS LTD.	14	12	0	0	0	0
46	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	1	1	0	1
47	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	4	0
48	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	2	4	2	4	0	9
49	NATIONAL SEEDS CORPN. LTD.	10995	693	833	56	478	60
50	NATIONAL SMALL INDUSTRIES CORPN. LTD.	79	23	75	23	65	21
51	NATIONAL TEXTILE CORPN. LTD.	625	75	625	87	850	77
52	NEYVELI LIGNITE CORPN. LTD.	196171	379	195646	362	209505	363
53	NTPC LTD.	106019	208	102040	220	98068	225
54	NUCLEAR POWER CORPN. OF INDIA LTD.	876726	2504	715526	2592	626537	2587
55	NUMALIGARH REFINERY LTD.	8	0	0	0	3	0
56	OIL & NATURAL GAS CORPORATION LTD.	98589	169	84159	185	81413	173
57	OIL INDIA LTD.	85779	110	87423	110	73345	153
58	P E C LTD.	0	5	0	6	0	9
59	POWER GRID CORPORATION OF INDIA LTD.	685656	238	624077	249	545228	275
60	RAIL VIKAS NIGAM LTD.	0	13	0	11	137	13
61	RAILTEL CORPORATION INDIA LTD.	0	6	0	6	272	7
62	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1452	0	29	0	0	0
63	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	2220	183	2156	190
64	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	3426	194	3339	185	345	186
65	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	7	3	7	4	7	7
66	RASHTRIYA ISPAT NIGAM LTD.	31	11	30	9	27	8
67	REC POWER DISTRIBUTION CO. LTD.	5	1	6	0	11	0
68	rites LTD.	0	10	0	23	0	13
69	RURAL ELECTRIFICATION CORPN. LTD.	318	18	317	18	324	18
70	SAMBHAR SALTS LTD.	3229	118	3364	115	2824	115
71	SCOOTERS INDIA LTD.	0	1	0	1	0	1
72	SJVN LTD.	0	26	0	26	0	19
73	STEEL AUTHORITY OF INDIA LTD.	657	29	656	32	367	33



74	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	21	20	20	19	15	12
75	URANIUM CORPORATION OF INDIA LTD.	5	0	5	0	0	0
76	WAPCOS LTD.	39	17	43	17	57	15
<b>STATE TOTAL :</b>		<b>3930877</b>	<b>22672</b>	<b>3399975</b>	<b>22943</b>	<b>3181836</b>	<b>23922</b>
	<b>SIKKIM</b>						
1	BHARAT PETROLEUM CORPN. LTD.	96	0	91	0	90	0
2	ENGINEERING PROJECTS (INDIA) LTD.	0	1	0	1	0	1
3	HINDUSTAN PETROLEUM CORPN. LTD.	141	0	122	0	116	0
4	HOUSING & URBAN DEV. CORPN. LTD.	0	3	0	3	0	0
5	INDIAN OIL CORPORATION LTD.	8413	21	7735	22	7290	22
6	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	0	0	1060	0
7	IRCON INTERNATIONAL LTD.	0	0	0	20	0	0
8	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	15	0	0	0	0
9	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	8	0	18	0	39
10	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1	0	1	0	0	0
11	NHPC LTD.	351099	525	350893	528	344972	551
12	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	5	5	5	2	4	2
13	NTPC LTD.	8200	0	7370	0	0	10
14	POWER GRID CORPORATION OF INDIA LTD.	75326	28	61435	31	42135	30
<b>STATE TOTAL :</b>		<b>443281</b>	<b>606</b>	<b>427652</b>	<b>625</b>	<b>395667</b>	<b>655</b>
	<b>TAMILNADU</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	636	0	520	0	0
2	AIR INDIA CHARTERS LTD.	0	75	0	0	0	0
3	AIR INDIA LTD.	587663	1836	635352	2507	630876	2507
4	AIRLINE ALLIED SERVICES LTD.	14	0	0	0	0	0
5	AIRPORTS AUTHORITY OF INDIA	676015	3413	667547	3564	646232	3564
6	ANDREW YULE & COMPANY LTD.	730	103	705	102	683	108
7	BALMER LAWRIE & CO. LTD.	16155	243	9382	256	9028	256
8	BEML LTD.	78	47	76	52	85	56
9	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	3	4	2	4	7	4
10	BHARAT BROADBAND NETWORK LTD.	19	5	0	3	0	0
11	BHARAT ELECTRONICS LTD.	10788	269	9620	271	9504	281
12	BHARAT HEAVY ELECTRICALS LTD.	347789	14136	336175	14995	319271	15972
13	BHARAT PETRO RESOURCES LTD.	11226	3	8441	2	6716	2
14	BHARAT PETROLEUM CORPN. LTD.	156205	751	144002	798	126843	801
15	BHARAT PUMPS & COMPRESSORS LTD.	1	2	1	2	1	2
16	BHARAT SANCHAR NIGAM LTD.	1820676	24303	1809884	26172	1787783	28009
17	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	500478	403	439754	408	382468	412
18	BRIDGE & ROOF CO.(INDIA) LTD.	1200	49	1801	49	2089	24
19	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	328	8	324	9	318	9
20	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3334	1	3611	3	3468	3
21	CENTRAL WAREHOUSING CORPN.	7185	213	6675	258	6577	325

22	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	18	2	18	2	17	3
23	CHENNAI PETROLEUM CORPORATION LTD.	900643	1624	855772	1688	827563	1705
24	CHEYUR INFRA LTD.	1	0	0	0	0	0
25	COAL INDIA LTD.	4	7	4	7	3	7
26	COASTAL TAMIL NADU POWER LTD.	6769	0	5515	0	3880	0
27	CONTAINER CORPORATION OF INDIA LTD.	15455	102	12180	102	11199	91
28	COTTON CORPN. OF INDIA LTD.	35	26	35	33	34	36
29	DREDGING CORPN. OF INDIA LTD.	43	56	43	60	43	56
30	E. C. G. C. LTD.	2035	90	2033	87	2009	83
31	ELECTRONICS CORPN. OF INDIA LTD.	65	55	66	110	66	135
32	ENGINEERING PROJECTS (INDIA) LTD.	88	28	71	22	58	24
33	ENGINEERS INDIA LTD.	7234	125	6032	102	4413	100
34	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	46	36	55	38	55	41
35	FOOD CORPN. OF INDIA	7677	3211	7310	3257	7200	3550
36	GAIL (INDIA) LTD.	41234	29	40367	28	37871	47
37	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	458	33	474	39	458	41
38	HINDUSTAN ANTIBIOTICS LTD.	4	16	4	17	4	17
39	HINDUSTAN INSECTICIDES LTD.	4	10	4	8	4	9
40	HINDUSTAN PAPER CORPORATION LTD.	4	2	0	2	18	2
41	HINDUSTAN PETROLEUM CORPN. LTD.	155571	499	148023	507	138117	526
42	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	71577	348	71577	657	71572	664
43	HINDUSTAN STEELWORKS COSTN. LTD.	29	0	29	1	29	1
44	HLL BIOTECH LTD.	8311	39	2496	39	540	51
45	HLL LIFECARE LTD.	101	62	720	204	338	256
46	HMT MACHINE TOOLS LTD.	0	0	0	0	0	14
47	HOUSING & URBAN DEV. CORPN. LTD.	1267	41	1274	42	1274	45
48	I T I LTD.	84	39	84	47	91	100
49	IDPL (TAMILNADU) LTD.	6173	112	6173	112	6173	111
50	INDIA TOURISM DEV. CORPN. LTD.	38	15	46	18	37	18
51	INDIA TRADE PROMOTION ORGANISATION	80	10	80	10	0	11
52	INDIAN OIL CORPORATION LTD.	508483	1748	459946	1780	405848	1805
53	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2776	74	2746	113	2799	84
54	INDIAN RARE EARTHS LTD.	6670	318	6251	337	5886	354
55	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	0	2	0	3	0	3
56	IRCON INFRASTRUCTURE & SERVICES LTD.	1061	0	1060	0	0	0
57	IRCON INTERNATIONAL LTD.	14	1	22	3	60	4
58	KAMARAJAR PORT LTD.	172049	102	168429	103	112466	100
59	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	37	0	36	0	34
60	KIOCL LTD.	0	0	0	0	12	3
61	M M T C LTD.	2384	109	2382	121	2378	134
62	M S T C LTD.	35	20	37	22	31	21
63	MADRAS FERTILIZERS LTD.	96484	614	96105	654	95294	686

64	MANGALORE REFINERY & PETROCHEMICALS LTD.	603	0	603	0	603	0
65	MECON LTD.	3	8	3	12	14	18
66	MINERAL EXPLORATION CORPN. LTD.	203	24	529	46	418	49
67	NATIONAL ALUMINIUM COMPANY LTD.	61	9	44	11	41	13
68	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	0	1	0	1	0	1
69	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	40	0	43	0	53
70	NATIONAL FILM DEV. CORPN. LTD.	530	18	678	18	519	26
71	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	68	30	64	27	62	31
72	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	27	0
73	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	112	5	118	21	8	8
74	NATIONAL SEEDS CORPN. LTD.	172	14	166	14	168	15
75	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1583	74	1414	73	1349	81
76	NATIONAL TEXTILE CORPN. LTD.	44112	2145	43115	2340	19751	2552
77	NEYVELI LIGNITE CORPN. LTD.	1749664	16000	1639599	16427	1560039	16955
78	NEYVELI UTTAR PRADESH POWER LTD	0	3	0	0	0	0
79	NLC TAMIL NADU POWER LTD.	664882	186	574349	151	465117	133
80	NMDC Ltd.	11	3	11	3	0	3
81	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	10	4	2	4	2	4
82	NTPC LTD.	1791	80	1737	80	1713	72
83	NUCLEAR POWER CORPN. OF INDIA LTD.	2188687	1689	2057452	1710	1837200	1690
84	OIL & NATURAL GAS CORPORATION LTD.	512701	699	731045	819	689776	768
85	OIL INDIA LTD.	192	12	60	20	0	8
86	P E C LTD.	0	6	0	5	0	7
87	POWER FINANCE CORPORATION LTD.	140	5	140	5	140	5
88	POWER GRID CORPORATION OF INDIA LTD.	646805	286	563036	296	431350	308
89	POWERGRID NM TRANMISSION LTD.	17536	0	2080	0	0	0
90	PROJECTS & DEVELOPMENT INDIA LTD.	20	7	19	7	16	8
91	RAIL VIKAS NIGAM LTD.	0	29	0	29	202	29
92	RAILTEL CORPORATION INDIA LTD.	0	10	0	10	9436	20
93	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	5	0	5	0	0
94	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1283	11	1287	12	1297	12
95	RASHTRIYA ISPAT NIGAM LTD.	1618	30	1602	32	1530	34
96	RICHARDSON & CRUDDAS(1972) LTD.	0	0	316	0	0	0
97	RITES INFRASTRUCTURE SERVICES LTD.	145	0	145	0	0	0
98	RITES LTD.	118	70	113	114	111	108
99	RURAL ELECTRIFICATION CORPN. LTD.	216	15	210	17	212	16
100	SAIL REFRACTORY COMPANY LTD.	2492	232	2486	258	2453	279
101	SCOOTERS INDIA LTD.	0	4	0	4	0	3
102	SETHUSAMUDRAM CORPN. LTD.	70984	15	71069	15	71361	16
103	SHIPPING CORPORATION OF INDIA LTD.	110	44	93	45	92	49
104	SJVN LTD.	0	3	0	3	0	3
105	STATE TRADING CORPN. OF INDIA LTD.	2751	55	1630	55	1515	54
106	STCL LTD.	0	0	0	0	6	9

107	STEEL AUTHORITY OF INDIA LTD.	343294	1389	343581	1455	345158	1519
108	TAMIL NADU TRADE PROMOTION ORGANISATION	7178	5	6933	5	6873	5
109	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	76	20	76	8	76	18
110	WAPCOS LTD.	35	15	20	16	18	13
<b>STATE TOTAL :</b>		<b>12415077</b>	<b>79442</b>	<b>12016640</b>	<b>84602</b>	<b>11118442</b>	<b>88302</b>
	<b>TELANGANA</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	37	0	0	0	0
2	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0	3	0	0	0	0
3	BEML LTD.	578	103	0	0	0	0
4	BHARAT BROADBAND NETWORK LTD.	8	4	0	0	0	0
5	BHARAT DYNAMICS LTD.	100098	3087	0	0	0	0
6	BHARAT HEAVY ELECTRICALS LTD.	218976	5800	0	0	0	0
7	BHARAT PETROLEUM CORPN. LTD.	53966	137	0	0	0	0
8	CEMENT CORPN. OF INDIA LTD.	6701	74	0	0	0	0
9	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	445	1	0	0	0	0
10	CENTRAL WAREHOUSING CORPN.	48	293	0	0	0	0
11	CONTAINER CORPORATION OF INDIA LTD.	5551	48	0	0	0	0
12	COTTON CORPN. OF INDIA LTD.	145	152	0	0	0	0
13	DREDGING CORPN. OF INDIA LTD.	0	12	0	0	0	0
14	ELECTRONICS CORPN. OF INDIA LTD.	31180	2436	0	0	0	0
15	GAIL (INDIA) LTD.	0	40	0	0	0	0
16	HINDUSTAN AERONAUTICS LTD.	44031	2205	0	0	0	0
17	HINDUSTAN CABLES LTD.	16677	589	0	0	0	0
18	HINDUSTAN FLUOROCARBONS LIMITED	7634	151	0	0	0	0
19	HINDUSTAN PETROLEUM CORPN. LTD.	10468	0	0	0	0	0
20	HINDUSTAN STEELWORKS COSTN. LTD.	1	0	0	0	0	0
21	HMT BEARINGS LTD.	2973	55	0	0	0	0
22	HOUSING & URBAN DEV. CORPN. LTD.	22	27	0	0	0	0
23	INDIAN OIL CORPORATION LTD.	53967	398	0	0	0	0
24	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	0	2	0	0	0	0
25	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	3	0	0	0	0
26	M M T C LTD.	104	34	0	0	0	0
27	MADRAS FERTILIZERS LTD.	20	12	0	0	0	0
28	MECON LTD.	0	1	0	0	0	0
29	MINERAL EXPLORATION CORPN. LTD.	181	6	0	0	0	0
30	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	23	0	0	0	0
31	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2	0	0	0	0	0
32	NATIONAL SEEDS CORPN. LTD.	1582	67	0	0	0	0
33	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	32	0	0	0	0
34	NMDC Ltd.	0	578	0	0	0	0
35	NTPC LTD.	450672	1298	0	0	0	0
36	POWER GRID CORPORATION OF INDIA LTD.	117247	116	0	0	0	0
37	RAILTEL CORPORATION INDIA LTD.	0	35	0	0	0	0
38	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	40	2	0	0	0	0

39	RASHTRIYA ISPAT NIGAM LTD.	7623	218	0	0	0	0
40	RURAL ELECTRIFICATION CORPN. LTD.	417	36	0	0	0	0
41	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	33494	1049	0	0	0	0
42	STEEL AUTHORITY OF INDIA LTD.	435	8	0	0	0	0
43	URANIUM CORPORATION OF INDIA LTD.	772	0	0	0	0	0
<b>STATE TOTAL :</b>		<b>1166058</b>	<b>19172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>TRIPURA</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	19	0	16	0	0
2	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	0	1	0
3	BHARAT BROADBAND NETWORK LTD.	221	0	0	0	0	0
4	BHARAT PETROLEUM CORPN. LTD.	351	1	356	1	547	1
5	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	0	0	0	0	0	2
6	BRIDGE & ROOF CO.(INDIA) LTD.	0	2	0	9	0	5
7	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	0	0	0	0	697	313
8	CENTRAL WAREHOUSING CORPN.	300	17	194	17	194	16
9	CONTAINER CORPORATION OF INDIA LTD.	17	0	0	0	0	0
10	ENGINEERING PROJECTS (INDIA) LTD.	4	6	4	6	4	8
11	GAIL (INDIA) LTD.	31896	20	32890	22	5390	21
12	GAIL GAS LTD.	0	0	0	0	0	84
13	HINDUSTAN PREFAB LTD.	0	0	0	1	0	0
14	HINDUSTAN STEELWORKS COSTN. LTD.	58	1	106	3	47	2
15	HOUSING & URBAN DEV. CORPN. LTD.	1	3	1	3	1	3
16	INDIAN OIL CORPORATION LTD.	11186	55	11294	61	7983	64
17	NATIONAL BLDG. CONSTN. CORPN. LTD.	14	68	13	116	13	149
18	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	0	1
19	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	111	30	118	36	0	64
20	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	1	0	1
21	NATIONAL TEXTILE CORPN. LTD.	405	133	0	0	0	0
22	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	164220	223	138430	229	90841	209
23	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	396	19	396	16	395	9
24	OIL & NATURAL GAS CORPORATION LTD.	451925	889	406993	943	348174	955
25	OIL INDIA LTD.	0	12	0	24	0	14
26	POWER GRID CORPORATION OF INDIA LTD.	33275	17	33275	14	31788	26
27	RAILTEL CORPORATION INDIA LTD.	0	2	0	2	0	2
28	REC POWER DISTRIBUTION CO. LTD.	24	0	0	0	0	0
29	rites LTD.	0	1	0	4	0	3
30	SJVN LTD.	0	2	0	1	0	1
31	STEEL AUTHORITY OF INDIA LTD.	0	0	0	0	0	2
32	THE JUTE CORPN. OF INDIA LTD.	1	28	1	18	1	43
<b>STATE TOTAL :</b>		<b>694405</b>	<b>1549</b>	<b>624071</b>	<b>1544</b>	<b>486076</b>	<b>1998</b>

	<b>UTTAR PRADESH</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	58	0	59	0	0
2	AIR INDIA CHARTERS LTD.	0	1	0	0	0	0
3	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	2167	260	1939	273	1735	311
4	BALMER LAWRIE & CO. LTD.	6	9	5	9	6	7
5	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1819	12	265	12	66	20
6	BHARAT BROADBAND NETWORK LTD.	27	8	0	7	0	0
7	BHARAT ELECTRONICS LTD.	49132	1861	46023	2153	36472	2120
8	BHARAT HEAVY ELECTRICALS LTD.	113833	4509	111272	4860	105492	4749
9	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4543	115	4477	118	4477	118
10	BHARAT PETROLEUM CORPN. LTD.	174321	1001	171894	1031	164458	1011
11	BHARAT PUMPS & COMPRESSORS LTD.	10437	618	5936	760	10386	870
12	BHARAT SANCHAR NIGAM LTD.	1443512	17628	1426359	18483	1402286	19520
13	BRAHMAPUTRA CRACKERS & POLYMER LTD.	74	0	74	1	74	0
14	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3	3	3	3	3	2
15	BRIDGE & ROOF CO.(INDIA) LTD.	3435	40	2706	40	2054	55
16	BRITISH INDIA CORPORATION LTD.	2471	898	4090	1237	2207	1150
17	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2032	67	2018	66	1900	133
18	BUNDELKHAND SAUR URJA LTD.	12	0	0	0	0	0
19	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	36	0	36	0	36	19
20	CENTRAL ELECTRONICS LTD.	7257	512	6030	542	5780	586
21	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2840	4	2822	5	2864	7
22	CENTRAL WAREHOUSING CORPN.	6649	550	6663	528	6357	646
23	COAL INDIA LTD.	16	13	5	16	14	19
24	CONTAINER CORPORATION OF INDIA LTD.	30917	174	29232	180	27123	158
25	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	172143	166	60679	169	31640	111
26	DREDGING CORPN. OF INDIA LTD.	0	5	0	3	0	2
27	E. C. G. C. LTD.	243	34	242	33	246	32
28	ELECTRONICS CORPN. OF INDIA LTD.	3	3	2	3	2	5
29	ENGINEERING PROJECTS (INDIA) LTD.	2	3	2	5	5	10
30	ENGINEERS INDIA LTD.	0	52	0	61	0	65
31	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	0	0	0	0	8	2
32	FERTILIZER CORPN. OF INDIA LTD.	7773	2	7773	3	7774	4
33	FOOD CORPN. OF INDIA	16618	7291	14490	7442	13932	8101
34	GAIL (INDIA) LTD.	2130492	1808	2018052	1557	1861775	1474
35	GAIL GAS LTD.	28304	84	24584	84	0	0
36	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	999	62	940	65	860	67
37	HINDUSTAN AERONAUTICS LTD.	64802	4886	60944	5108	44230	5315
38	HINDUSTAN CABLES LTD.	9723	185	9722	188	9722	192
39	HINDUSTAN PAPER CORPORATION LTD.	16	2	16	2	0	3
40	HINDUSTAN PETROLEUM CORPN. LTD.	125773	331	106989	319	89069	302
41	HINDUSTAN PREFAB LTD.	0	0	0	1	0	1
42	HINDUSTAN STEELWORKS COSTN. LTD.	122	0	123	3	150	6



43	HLL LIFECARE LTD.	2556	10	0	0	0	0
44	HMT MACHINE TOOLS LTD.	0	0	0	0	0	5
45	HOUSING & URBAN DEV. CORPN. LTD.	179	19	180	20	175	20
46	HSCC (INDIA) LTD.	1251	94	1265	100	1158	84
47	I T I LTD.	132753	4323	131553	5256	129601	1100
48	INDIA TOURISM DEV. CORPN. LTD.	54	12	54	15	58	15
49	INDIAN OIL CORPORATION LTD.	1121234	3305	1057774	3419	949169	3420
50	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1315	53	819	68	759	80
51	INSTRUMENTATION LTD.	19	14	22	15	22	17
52	IRCON INFRASTRUCTURE & SERVICES LTD.	488	0	488	0	0	0
53	IRCON INTERNATIONAL LTD.	6825	103	7618	127	8440	162
54	JAGDISHPUR PAPER MILLS LTD.	1650	0	1650	0	1650	0
55	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	33	0	39	0	34
56	M M T C LTD.	0	2	0	15	0	13
57	M S T C LTD.	3	3	3	3	0	0
58	MECON LTD.	0	11	0	3	0	2
59	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	0	1	0	1	0	1
60	NATIONAL BLDG. CONSTN. CORPN. LTD.	43	91	42	114	68	127
61	NATIONAL FERTILIZERS LTD.	4422	259	3979	156	3989	161
62	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1010	80	275	76	230	78
63	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	5	0
64	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	28	47	30	61	0	60
65	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	49	2	49	3	49	3
66	NATIONAL SEEDS CORPN. LTD.	1551	121	968	108	1063	114
67	NATIONAL SMALL INDUSTRIES CORPN. LTD.	706	94	740	88	740	89
68	NATIONAL TEXTILE CORPN. LTD.	0	0	405	152	405	165
69	NEYVELI LIGNITE CORPN. LTD.	0	18	0	15	0	2
70	NEYVELI UTTAR PRADESH POWER LTD	16941	10	1135	15	574	5
71	NHPC LTD.	396	17	0	11	0	0
72	NMDC Ltd.	0	1	0	1	0	2
73	NORTHERN COALFIELDS LTD.	340741	6774	304636	6925	360084	7067
74	NTPC ELECTRIC SUPPLY COMPANY LTD.	53	48	42	53	36	122
75	NTPC LTD.	3001545	6776	2816073	7291	2656553	7605
76	NTPC VIDYUT VYAPAR NIGAM LTD.	0	0	12	1	12	1
77	NUCLEAR POWER CORPN. OF INDIA LTD.	138039	935	137085	985	136115	1024
78	NUMALIGARH REFINERY LTD.	120	0	143	0	142	0
79	OIL & NATURAL GAS CORPORATION LTD.	4878	0	4878	0	2262	0
80	OIL INDIA LTD.	15892	220	7217	195	0	139
81	P E C LTD.	0	0	0	5	0	4
82	POWER GRID CORPORATION OF INDIA LTD.	2586320	777	2279011	805	1799109	810
83	PROJECTS & DEVELOPMENT INDIA LTD.	2878	232	2858	251	2517	264
84	RAIL VIKAS NIGAM LTD.	0	22	0	19	0	10
85	RAILTEL CORPORATION INDIA LTD.	0	57	0	57	7792	22

86	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	8	0	8	360	6
87	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	462	24	443	25	277	23
88	RASHTRIYA ISPAT NIGAM LTD.	218	24	214	23	207	21
89	REC POWER DISTRIBUTION CO. LTD.	0	2	6	0	1	0
90	rites LTD.	705	74	700	152	702	159
91	RURAL ELECTRIFICATION CORPN. LTD.	377	34	373	34	365	36
92	SCOOTERS INDIA LTD.	6013	560	5915	588	5847	582
93	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	8690	260	8335	273	7907	273
94	SJVN LTD.	0	156	9823	158	0	132
95	STATE TRADING CORPN. OF INDIA LTD.	0	22	0	22	0	24
96	STEEL AUTHORITY OF INDIA LTD.	41154	87	38293	111	37284	121
97	TANDA TRANSMISSION COMPANY LTD.	111	0	56	0	0	0
98	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	30	17	18	32	18	15
99	THDC INDIA LTD.	3374	82	2734	87	1457	84
100	UNCHAHAR TRANSMISSION LTD.	0	0	281	0	0	0
101	VIZAG TRANSMISSION LTD.	0	0	281	0	0	0
102	WAPCOS LTD.	21	6	19	4	12	3
<b>STATE TOTAL :</b>		<b>11857646</b>	<b>69175</b>	<b>10954902</b>	<b>73414</b>	<b>9950417</b>	<b>71499</b>
<b>UTTARANCHAL</b>							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	8	0	3	0	0
2	AIRLINE ALLIED SERVICES LTD.	2	0	0	0	0	0
3	BALMER LAWRIE & CO. LTD.	0	1	0	1	0	0
4	BHARAT BROADBAND NETWORK LTD.	3	2	0	2	0	0
5	BHARAT ELECTRONICS LTD.	7649	529	7346	537	7008	561
6	BHARAT HEAVY ELECTRICALS LTD.	259717	6218	256410	6580	250322	7020
7	BHARAT PETROLEUM CORPN. LTD.	2809	0	2654	1	2617	2
8	BHARAT SANCHAR NIGAM LTD.	177896	1973	174481	2053	172300	2148
9	BRIDGE & ROOF CO.(INDIA) LTD.	0	1	0	13	0	0
10	CENTRAL WAREHOUSING CORPN.	783	39	769	46	769	49
11	ENGINEERING PROJECTS (INDIA) LTD.	147	3	147	5	1	0
12	FERRO SCRAP NIGAM LTD.	333	18	334	19	332	19
13	FOOD CORPN. OF INDIA	1940	1398	1872	1401	1689	1446
14	GAIL (INDIA) LTD.	0	6	0	7	0	3
15	HINDUSTAN ANTIBIOTICS LTD.	3	20	3	25	3	25
16	HINDUSTAN PETROLEUM CORPN. LTD.	8689	22	7598	20	6627	23
17	HINDUSTAN SALTS LTD.	3	2	3	1	3	2
18	HINDUSTAN STEELWORKS COSTN. LTD.	3	0	0	0	0	0
19	HMT WATCHES LTD.	0	0	0	0	240	155
20	HOUSING & URBAN DEV. CORPN. LTD.	311	11	48	12	43	9
21	ITI LTD.	0	3	0	10	0	0
22	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	682	98
23	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	3439	131	2571	405	1557	143
24	INDIAN OIL CORPORATION LTD.	47887	163	43158	174	38901	162
25	INSTRUMENTATION LTD.	0	1	0	1	0	1
26	IRCON INFRASTRUCTURE & SERVICES LTD.	853	0	853	0	488	0

27	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	2	0	2	0	2
28	MECON LTD.	0	0	0	1	0	1
29	NATIONAL BLDG. CONSTN. CORPN. LTD.	1	100	0	112	0	66
30	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
31	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	975	95	1155	99	0	103
32	NATIONAL SEEDS CORPN. LTD.	0	18	0	14	0	15
33	NATIONAL SMALL INDUSTRIES CORPN. LTD.	5	8	4	8	4	9
34	NEPA LTD.	153	4	153	2	0	0
35	NHPC LTD.	219416	782	235200	848	234836	825
36	NTPC LTD.	246475	161	210461	152	168499	158
37	NUMALIGARH REFINERY LTD.	1	0	1	0	1	0
38	OIL & NATURAL GAS CORPORATION LTD.	133309	2437	134710	2521	125847	2463
39	OIL INDIA LTD.	0	5	0	5	0	1
40	POWER GRID CORPORATION OF INDIA LTD.	213668	59	197515	61	173110	81
41	RAIL VIKAS NIGAM LTD.	0	8	0	7	0	2
42	RASHTRIYA ISPAT NIGAM LTD.	61	3	60	4	59	4
43	REC POWER DISTRIBUTION CO. LTD.	4	0	0	0	0	0
44	rites LTD.	0	1	0	4	0	3
45	RURAL ELECTRIFICATION CORPN. LTD.	0	3	0	3	0	3
46	SCOOTERS INDIA LTD.	0	1	0	1	0	0
47	SIDCUL CONCOR INFRA COMPANY LTD.	4296	5	757	1	0	0
48	SJVN LTD.	11195	38	0	36	7420	27
49	STEEL AUTHORITY OF INDIA LTD.	8	2	8	2	0	6
50	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	9	21	9	14	9	20
51	THDC INDIA LTD.	1309336	1929	1246804	1970	1118781	1999
52	WAPCOS LTD.	0	2	0	0	0	0
<b>STATE TOTAL :</b>		<b>2651379</b>	<b>16233</b>	<b>2525084</b>	<b>17183</b>	<b>2312150</b>	<b>17654</b>
	<b>WEST BENGAL</b>						
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	586	0	460	0	0
2	AIR INDIA CHARTERS LTD.	0	12	0	0	0	0
3	AIR INDIA LTD.	656959	1727	704648	3000	700172	3000
4	AIRLINE ALLIED SERVICES LTD.	168	100	0	0	0	0
5	AIRPORTS AUTHORITY OF INDIA	443044	3214	438052	3214	437431	3543
6	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	25	11	25	0	27	0
7	ANDREW YULE & COMPANY LTD.	12620	7215	12147	7241	11819	7267
8	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	3	6	1	5	0	0
9	BALMER LAWRIE & CO. LTD.	18218	663	15110	679	13950	709
10	BEML LTD.	429	111	427	113	415	120
11	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	14628	353	5092	426	3546	505
12	BHARAT BHARI UDYOG NIGAM LTD.	77	17	78	17	78	20
13	BHARAT BROADBAND NETWORK LTD.	16	6	0	4	0	0
14	BHARAT COKING COAL LTD.	10081	1012	8247	1865	6083	965
15	BHARAT HEAVY ELECTRICALS LTD.	52813	865	51159	903	48721	957
16	BHARAT PETROLEUM CORPN. LTD.	86890	750	79478	837	72380	879

17	BHARAT PUMPS & COMPRESSORS LTD.	1	2	1	2	1	2
18	BHARAT SANCHAR NIGAM LTD.	1243622	13973	1248921	14973	1224620	16248
19	BHARAT WAGON & ENGG. CO. LTD.	5	4	5	4	5	4
20	BIRDS JUTE & EXPORTS LTD.	268	0	268	0	266	0
21	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	4	1	4	2	4	3
22	BRAITHWAITE & CO. LTD.	6762	330	6349	328	5980	353
23	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	716	126	715	183	1707	101
24	BRIDGE & ROOF CO.(INDIA) LTD.	7443	1088	7454	1027	6939	689
25	BURN STANDARD COMPANY LTD.	48939	683	48754	772	46957	732
26	CENTRAL COALFIELDS LTD.	82	0	78	0	78	15
27	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	41	11	41	9	35	8
28	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	6433	208	11053	252	10582	252
29	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1237	377	789	307	0	0
30	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1491	0	1435	1	1038	2
31	CENTRAL WAREHOUSING CORPN.	9951	366	8694	394	8347	425
32	COAL INDIA LTD.	45831	694	42700	720	34469	858
33	CONTAINER CORPORATION OF INDIA LTD.	6720	63	4877	67	4770	57
34	COTTON CORPN. OF INDIA LTD.	280	11	282	14	282	16
35	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	354	18	318	18	207	16
36	DREDGING CORPN. OF INDIA LTD.	54	62	54	77	54	84
37	E. C. G. C. LTD.	792	33	791	38	792	42
38	EASTERN COALFIELDS LTD.	488818	59381	375030	62278	368914	64113
39	EASTERN INVESTMENT LTD.	9	2	9	1	9	1
40	ELECTRONICS CORPN. OF INDIA LTD.	24	74	33	86	33	85
41	ENGINEERING PROJECTS (INDIA) LTD.	138	49	125	50	130	52
42	ENGINEERS INDIA LTD.	673	69	631	67	633	75
43	FERRO SCRAP NIGAM LTD.	4098	186	3947	202	4098	210
44	FOOD CORPN. OF INDIA	7586	6131	6530	6181	6161	6620
45	GAIL (INDIA) LTD.	90	13	1460	15	1419	17
46	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	55530	2738	53209	3016	48459	3341
47	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	16	7	16	7	15	7
48	HEAVY ENGINEERING CORPN. LTD.	118	4	117	7	117	7
49	HINDUSTAN AERONAUTICS LTD.	4652	424	3878	431	3356	425
50	HINDUSTAN ANTIBIOTICS LTD.	7	0	7	0	7	0
51	HINDUSTAN CABLES LTD.	21295	759	26937	836	32273	914
52	HINDUSTAN COPPER LTD.	2107	122	2090	128	2139	131
53	HINDUSTAN FERTILIZER CORPN. LTD.	16712	1	16715	3	16742	6
54	HINDUSTAN INSECTICIDES LTD.	3	12	3	9	0	0
55	HINDUSTAN PAPER CORPORATION LTD.	602	67	591	78	640	124
56	HINDUSTAN PETROLEUM CORPN. LTD.	78501	565	69698	601	61170	640
57	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	0	2	4
58	HINDUSTAN PREFAB LTD.	0	0	0	1	0	1
59	HINDUSTAN STEELWORKS COSTN. LTD.	2377	14	1298	14	1290	18

60	HLL LIFECARE LTD.	1	14	0	0	0	0
61	HMT MACHINE TOOLS LTD.	0	0	0	0	0	10
62	HOOGHLY DOCK AND PORT ENGINEERS LTD.	1999	339	2066	378	2141	420
63	HOOGHLY PRINTING COMPANY LTD.	643	47	335	53	335	53
64	HOUSING & URBAN DEV. CORPN. LTD.	1365	26	1269	25	1212	30
65	HSCC (INDIA) LTD.	4	0	0	1	0	3
66	I T I LTD.	170	31	170	72	170	200
67	INDIA TOURISM DEV. CORPN. LTD.	16	17	15	16	15	16
68	INDIA TRADE PROMOTION ORGANISATION	184	6	183	6	0	6
69	INDIAN OIL CORPORATION LTD.	1013572	3526	967967	3606	926455	3666
70	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	834	220	565	246	471	258
71	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	0	1	0	2	0	2
72	INSTRUMENTATION LTD.	35	14	35	17	35	10
73	IRCON INFRASTRUCTURE & SERVICES LTD.	1866	0	1808	0	839	0
74	IRCON INTERNATIONAL LTD.	793	49	772	37	773	39
75	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	44	0	46	0	48
76	KOLKATA METRO RAIL CORPORATION LTD.	174142	33	156208	33	0	0
77	M M T C LTD.	1403	112	1399	117	1393	124
78	M S T C LTD.	2506	145	2635	158	2505	167
79	MAHANADI COALFIELDLS LTD.	37	19	33	19	36	22
80	MECON LTD.	551	96	510	116	503	129
81	MINERAL EXPLORATION CORPN. LTD.	289	4	308	4	308	4
82	NATIONAL ALUMINIUM COMPANY LTD.	754	21	753	21	747	22
83	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	0	2	0	2	0	2
84	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	192	7	111	20	97
85	NATIONAL FILM DEV. CORPN. LTD.	35	10	29	8	27	9
86	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	76	15	0	13	71	15
87	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	2	0
88	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5002	50	4319	50	4084	1
89	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	125	117	140	132	142	142
90	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	15	2	15	3	15	2
91	NATIONAL SEEDS CORPN. LTD.	395	28	371	25	372	27
92	NATIONAL SMALL INDUSTRIES CORPN. LTD.	890	69	642	72	414	71
93	NATIONAL TEXTILE CORPN. LTD.	5535	24	5618	60	7509	67
94	NEYVELI LIGNITE CORPN. LTD.	40	3	40	2	40	2
95	NHPC LTD.	333913	450	328115	470	319502	482
96	NMDC Ltd.	31	4	30	4	30	5
97	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	28	4	17	7	12	9
98	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	413	8	412	8	409	9

99	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	2	0	2	0	2
100	NORTHERN COALFIELDS LTD.	18	11	17	11	21	12
101	NTPC ELECTRIC SUPPLY COMPANY LTD.	1	2	18	4	16	0
102	NTPC LTD.	634656	1391	632851	1476	607971	1473
103	NTPC VIDYUT VYAPAR NIGAM LTD.	0	1	0	1	0	1
104	NUMALIGARH REFINERY LTD.	26806	41	24449	40	22425	42
105	OIL & NATURAL GAS CORPORATION LTD.	99362	557	133466	730	130424	689
106	OIL INDIA LTD.	2252	173	1695	223	438	210
107	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	510	51	900	60
108	P E C LTD.	0	10	0	9	0	9
109	POWER GRID CORPORATION OF INDIA LTD.	639551	406	380253	428	335797	472
110	POWER SYSTEM OPERATION CORPORATION LTD.	6018	82	4812	87	4722	85
111	PROJECTS & DEVELOPMENT INDIA LTD.	4	6	4	6	4	6
112	RAIL VIKAS NIGAM LTD.	0	54	0	66	92	64
113	RAILTEL CORPORATION INDIA LTD.	38217	63	27113	63	9430	61
114	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2233	171	0	0	0	0
115	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	7	5	7	3	4	3
116	RASHTRIYA ISPAT NIGAM LTD.	239	29	219	29	211	27
117	REC POWER DISTRIBUTION CO. LTD.	0	2	0	0	0	0
118	MITES INFRASTRUCTURE SERVICES LTD.	75	0	64	0	0	0
119	MITES LTD.	2564	251	2489	332	2361	345
120	RURAL ELECTRIFICATION CORPN. LTD.	569	20	567	23	562	23
121	SCOOTERS INDIA LTD.	0	3	0	3	3	3
122	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	15286	1492	14837	1589	14805	1686
123	SHIPPING CORPORATION OF INDIA LTD.	1280	108	1154	113	655	134
124	SJVN LTD.	0	11	0	12	0	10
125	SOUTH EASTERN COALFIELDS LTD.	0	54	0	57	57	61
126	STATE TRADING CORPN. OF INDIA LTD.	1963	62	130	69	31	72
127	STCL LTD.	0	0	0	0	1	2
128	STEEL AUTHORITY OF INDIA LTD.	2776890	21924	2584195	22866	2396023	24995
129	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0	0	0	2
130	THE BISRA STONE LIME COMPANY LTD.	15	3	14	3	14	4
131	THE JUTE CORPN. OF INDIA LTD.	359	292	359	463	258	409
132	WAPCOS LTD.	46	9	42	9	43	9
STATE TOTAL :		9156426	138293	8546422	146671	7987217	151803
GRAND TOTAL :		190679631	1291174	175653080	1349142	155557529	1401519



## STATEMENT - 12

RANKING OF CPSEs IN TERMS OF PROFIT/LOSS BEFORE EXCEPTIONAL, EXTRAORDINARY ITEMS & TAX (PBEET) IN 2014-15

(₹ in Lakhs)

CPSE	2014-15	2013-14	2012-13	Rank based on PBEET 2014-15
OIL & NATURAL GAS CORPORATION LTD.	2655523	3243194	3054433	1
COAL INDIA LTD.	1365267	1542047	1033803	2
NTPC LTD.	1054665	1390465	1489452	3
NMDC Ltd.	988148	971548	946235	4
POWER FINANCE CORPORATION LTD.	837823	755831	596704	5
RURAL ELECTRIFICATION CORPN. LTD.	742704	653112	516395	6
BHARAT PETROLEUM CORPN. LTD.	741551	594898	403569	7
INDIAN OIL CORPORATION LTD.	632720	817871	564780	8
POWER GRID CORPORATION OF INDIA LTD.	628938	626375	564486	9
SOUTH EASTERN COALFIELDS LTD.	565954	720268	629037	10
MAHANADI COALFIELDLS LTD.	530402	542908	620248	11
GAIL (INDIA) LTD.	422150	605737	605777	12
HINDUSTAN PETROLEUM CORPN. LTD.	415412	261551	147454	13
OIL INDIA LTD.	372870	441044	528323	14
NORTHERN COALFIELDS LTD.	371347	335571	442058	15
HINDUSTAN AERONAUTICS LTD.	317252	357769	349697	16
ONGC VIDESH LTD.	306665	694672	668257	17
NUCLEAR POWER CORPN. OF INDIA LTD.	280812	288434	261458	18
AIRPORTS AUTHORITY OF INDIA	279141	269817	133812	19
CENTRAL COALFIELDS LTD.	274034	252587	268356	20
STEEL AUTHORITY OF INDIA LTD.	235891	226543	346998	21
NHPC LTD.	230422	158306	296212	22
SJVN LTD.	217953	133819	118458	23
BHARAT HEAVY ELECTRICALS LTD.	214001	501430	943244	24
NEYVELI LIGNITE CORPN. LTD.	203735	228210	188631	25
NATIONAL ALUMINIUM COMPANY LTD.	196500	96718	90504	26
INDIAN RAILWAY FINANCE CORPORATION LTD.	191417	157203	145417	27
EASTERN COALFIELDS LTD.	178241	130264	189718	28
BHARAT ELECTRONICS LTD.	146669	117474	111459	29
HOUSING & URBAN DEV. CORPN. LTD.	143094	93435	106170	30
CONTAINER CORPORATION OF INDIA LTD.	129457	128425	121208	31
INDIA INFRASTRUCTURE FINANCE CO. LTD.	121651	93486	134803	32
BHARAT COKING COAL LTD.	115422	208901	170906	33
NUMALIGARH REFINERY LTD.	113313	57163	27575	34
NHDC LTD.	98377	135150	74091	35
IRCON INTERNATIONAL LTD.	84429	124906	101473	36
MAZAGON DOCK SHIPBUILDERS LTD.	74600	58757	63889	37
THDC INDIA LTD.	73805	66597	59751	38
MOIL LTD.	65057	76933	63678	39
BHARAT DYNAMICS LTD.	61419	50859	41906	40
WESTERN COALFIELDS LTD.	54479	32586	42887	41
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	50963	36732	38012	42
ENGINEERS INDIA LTD.	46756	69802	89094	43
rites LTD.	45610	38609	34507	44
KAMARAJAR PORT LTD.	44349	40264	22267	45

NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	42027	28800	29544	46
NATIONAL BLDG. CONSTN. CORPN. LTD.	39100	36122	30696	47
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	37857	34030	25058	48
COCHIN SHIPYARD LTD.	36757	29095	27555	49
ANTRIX CORPORATION LTD.	32540	29634	25395	50
SHIPPING CORPORATION OF INDIA LTD.	27613	-22139	-36819	51
CENTRAL WAREHOUSING CORPN.	26006	25647	20923	52
E. C. G. C. LTD.	25517	53905	35000	53
RAIL VIKAS NIGAM LTD.	23635	19517	16746	54
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	21311	13570	9942	55
BALMER LAWRIE & CO. LTD.	21044	21962	22352	56
INDIA TRADE PROMOTION ORGANISATION	20183	17694	14945	57
RAILTEL CORPORATION INDIA LTD.	16621	16891	14153	58
NATIONAL SMALL INDUSTRIES CORPN. LTD.	14912	11243	9235	59
MISHRA DHATU NIGAM LTD.	13851	11881	11778	60
M S T C LTD.	13147	11941	19340	61
WAPCOS LTD.	11216	10251	8506	62
RASHTRIYA ISPAT NIGAM LTD.	10335	54915	52647	63
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	10253	6968	7166	64
AIR INDIA AIR TRANSPORT SERVICES LTD.	10088	254	98	65
MINERAL EXPLORATION CORPN. LTD.	9160	3823	3133	66
HINDUSTAN COPPER LTD.	8045	43065	40361	67
POWER SYSTEM OPERATION CORPORATION LTD.	7458	9096	13035	68
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	7407	6799	5837	69
PAWAN HANS LTD.	7318	5470	2794	70
REC TRANSMISSION PROJECTS CO. LTD.	6992	3430	409	71
ELECTRONICS CORPN. OF INDIA LTD.	6915	8969	1806	72
NTPC VIDYUT VYAPAR NIGAM LTD.	6648	9128	6304	73
DREDGING CORPN. OF INDIA LTD.	6423	3883	2160	74
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	6104	18492	19269	75
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	5472	5211	3851	76
GOA SHIPYARD LTD.	5317	-6279	2612	77
REC POWER DISTRIBUTION CO. LTD.	5252	5017	1598	78
KANTI BIJLEE UTPADAN NIGAM LTD.	4515	-66	-1415	79
NATIONAL FERTILIZERS LTD.	4472	-16116	-17321	80
ENGINEERING PROJECTS (INDIA) LTD.	4121	2611	3165	81
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	3955	2084	1078	82
KONKAN RAILWAY CORPORATION LTD.	3939	1311	-6333	83
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3933	3460	2977	84
HSCC (INDIA) LTD.	3795	3713	3601	85
BALMER LAWRIE INVESTMENTS LTD.	3769	3609	3261	86
M M T C LTD.	3681	25837	12924	87
NATIONAL SEEDS CORPN. LTD.	3665	8170	6226	88
MUMBAI RAILWAY VIKAS CORPORATION LTD.	3657	2301	1224	89
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	3614	3006	2518	90
INDIA TOURISM DEV. CORPN. LTD.	3487	879	364	91
STATE TRADING CORPN. OF INDIA LTD.	3471	9514	7414	92
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	3439	2909	4361	93
SAIL REFRACTORY COMPANY LTD.	3368	2328	1478	94
PFC CONSULTING LTD.	3333	4086	2339	95
MECON LTD.	3301	6869	15072	96

ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	3165	3147	2351	97
KIOCL LTD.	3126	7076	3234	98
HLL LIFECARE LTD.	3021	3622	3780	99
PFC GREEN ENERGY LTD.	2830	1951	-25	100
COTTON CORPN. OF INDIA LTD.	2602	4194	4020	101
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	2584	1674	2625	102
FERRO SCRAP NIGAM LTD.	2551	1292	258	103
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2378	2003	1987	104
TAMIL NADU TRADE PROMOTION ORGANISATION	2343	2752	2167	105
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2190	2794	2448	106
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	2153	1985	2569	107
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2142	2009	1739	108
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2096	1988	3929	109
IRCON INFRASTRUCTURE & SERVICES LTD.	2029	1341	279	110
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1971	5184	6164	111
GAIL GAS LTD.	1839	1709	3481	112
CEMENT CORPN. OF INDIA LTD.	1818	-2685	949	113
BRIDGE & ROOF CO.(INDIA) LTD.	1789	1696	5603	114
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1733	1207	1519	115
CONCOR AIR LTD.	1719	13	0	116
THE JUTE CORPN. OF INDIA LTD.	1613	1652	1900	117
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1415	327	287	118
ANDREW YULE & COMPANY LTD.	1389	2543	1400	119
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1339	958	1136	120
SOLAR ENERGY CORPORATION OF INDIA	1299	-416	0	121
KARNATAKA TRADE PROMOTION ORGANISATION	1246	464	574	122
URANIUM CORPORATION OF INDIA LTD.	1133	1633	14417	123
SCOOTERS INDIA LTD.	1109	1360	-600	124
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	959	964	464	125
IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	930	1260	1304	126
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	888	670	576	127
KUMARAKRUPPA FRONTIER HOTELS LTD.	841	837	557	128
EdCIL(India) Ltd.	711	1409	806	129
BEML LTD.	676	-681	-13245	130
HINDUSTAN PREFAB LTD.	660	58	-370	131
BEL OPTRONICS DEVICES LTD.	541	767	601	132
CENTRAL ELECTRONICS LTD.	448	315	-236	133
AGRINNOVATE INDIA LTD.	429	0	0	134
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	405	248	0	135
INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	293	0	0	136
PFC CAPITAL ADVISORY SERVICE LTD.	278	449	127	137
HINDUSTAN STEELWORKS COSTN. LTD.	243	-1867	-1563	138
PRIZE PETROLEUM COMPANY LTD.	233	-1354	-113	139
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	209	688	688	140
HINDUSTAN INSECTICIDES LTD.	204	190	305	141
HMT (INTERNATIONAL) LTD.	166	49	685	142
DELHI POLICE HOUSING CORPORATION LTD.	162	132	134	143
NTPC ELECTRIC SUPPLY COMPANY LTD.	160	1976	-2466	144
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	141	110	12	145
ORISSA DRUGS & CHEMICALS LTD.	135	49	90	146
BHARAT BHARI UDYOG NIGAM LTD.	100	452	46	147

CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	36	29	-53	148
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	32	0	0	149
MILLENNIUM TELECOM LTD.	18	6	3	150
MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	15	116	105	151
rites INFRASTRUCTURE SERVICES LTD.	15	-3	0	152
HOOGHLY PRINTING COMPANY LTD.	10	15	11	153
DONYI POLO ASHOK HOTEL LTD.	-1	32	7	154
HLL BIOTECH LTD.	-11	0	0	155
BHARAT BROADBAND NETWORK LTD.	-15	277	0	156
BROADCAST ENGG. CONSULTANTS INDIA LTD.	-21	52	-1125	157
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	-22	375	431	158
PONDICHERRY ASHOK HOTEL CORPN. LTD.	-31	-24	-21	159
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	-49	-650	-1600	160
UTKAL ASHOK HOTEL CORPN. LTD.	-70	-59	-61	161
INDIAN VACCINE CORP. LTD.	-70	-119	77	162
J & K MINERAL DEVELOPMENT CORPN. LTD.	-80	-74	-96	163
VIGNYAN INDUSTRIES LTD.	-85	-145	-228	164
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-107	-96	-95	165
CREDA HPCL BIOFUEL LTD.	-125	-86	-35	166
NATIONAL RESEARCH DEVELOPMENT CORPN.	-134	-170	-247	167
ASSAM ASHOK HOTEL CORPN. LTD.	-136	14	-48	168
IDPL (TAMILNADU) LTD.	-234	-234	-341	169
RICHARDSON & CRUDDAS(1972) LTD.	-365	-383	-2949	170
BHEL ELECTRICAL MACHINES LTD.	-417	-131	-130	171
FERTILIZER CORPN. OF INDIA LTD.	-450	6	3771	172
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	-451	13596	290	173
INDIAN RARE EARTHS LTD.	-469	4626	24610	174
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	-486	-232	-150	175
HINDUSTAN SALTS LTD.	-493	-8	74	176
BIRDS JUTE & EXPORTS LTD.	-554	-473	-846	177
NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-589	-444	-282	178
NATIONAL FILM DEV. CORPN. LTD.	-834	-210	831	179
TCIL BINA TOLL ROAD LTD.	-942	0	0	180
SAMBHAR SALTS LTD.	-983	45	13	181
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-993	-1564	77	182
HINDUSTAN NEWSPRINT LTD.	-1005	-896	-1817	183
PROJECTS & DEVELOPMENT INDIA LTD.	-1048	194	1533	184
HINDUSTAN FLUOROCARBONS LIMITED	-1068	-2482	95	185
EASTERN INVESTMENT LTD.	-1263	24	196	186
INDIAN OIL-CREDA BIOFUELS LTD.	-1300	-358	0	187
FRESH & HEALTHY ENTERPRISES LTD.	-1447	-3916	-948	188
NAGALAND PULP & PAPER COMPANY LTD.	-1538	-1473	-1458	189
BHARAT WAGON & ENGG. CO. LTD.	-1763	-648	-762	190
HMT BEARINGS LTD.	-1775	-1598	-845	191
THE BISRA STONE LIME COMPANY LTD.	-2727	-1876	-1785	192
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	-2808	-3655	-1794	193
TUNGABHADRA STEEL PRODUCTS LTD.	-2887	-3191	-3115	194
BURN STANDARD COMPANY LTD.	-3084	-828	-1966	195
HOOGHLY DOCK AND PORT ENGINEERS LTD.	-3380	-6933	-3984	196
BHARAT PETRO RESOURCES LTD.	-3438	-16617	-38264	197
BRAITHWAITE & CO. LTD.	-4461	1320	873	198

ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	-4508	-4012	-3564	199
BHARAT PUMPS & COMPRESSORS LTD.	-4754	-1568	-2676	200
NEPA LTD.	-4871	-5474	-8408	201
HMT CHINAR WATCHES LTD.	-4905	-4100	-4100	202
HOTEL CORPN. OF INDIA LTD.	-4980	-4212	-3562	203
AIR INDIA CHARTERS LTD.	-6103	-34532	-38417	204
INSTRUMENTATION LTD.	-7880	-6762	-5370	205
HPCL BIOFUELS LTD.	-8437	-11274	-14722	206
P E C LTD.	-8450	7166	12981	207
HINDUSTAN ANTIBIOTICS LTD.	-8963	-8423	-6937	208
BRITISH INDIA CORPORATION LTD.	-9224	-8094	-8230	209
HMT LTD.	-9657	-16918	-14537	210
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-12718	-15829	-3264	211
HMT MACHINE TOOLS LTD.	-13377	-5266	-4365	212
MADRAS FERTILIZERS LTD.	-13469	10580	2444	213
HINDUSTAN SHIPYARD LTD.	-16459	-4592	-4758	214
INDIAN DRUGS & PHARMACEUTICALS LTD.	-16721	-17462	-23958	215
AIRLINE ALLIED SERVICES LTD.	-18857	-22122	-13339	216
HEAVY ENGINEERING CORPN. LTD.	-19769	-15173	2038	217
HINDUSTAN ORGANIC CHEMICALS LTD.	-21460	-17571	-13669	218
HMT WATCHES LTD.	-25920	-23307	-23160	219
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	-28176	34672	57872	220
I T I LTD.	-29798	-34631	-31206	221
NATIONAL TEXTILE CORPN. LTD.	-31439	-17804	-1464	222
HINDUSTAN PAPER CORPORATION LTD.	-33126	-11850	-23560	223
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-37585	-36879	-35435	224
HINDUSTAN FERTILIZER CORPN. LTD.	-38075	-38050	-38053	225
AIR INDIA ENGINEERING SERVICES LTD.	-38950	0	0	226
STCL LTD.	-41105	-34692	-29623	227
CHENNAI PETROLEUM CORPORATION LTD.	-74239	-33096	-169769	228
HINDUSTAN CABLES LTD.	-93785	-78188	-88502	229
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-212350	-182029	-156021	230
MANGALORE REFINERY & PETROCHEMICALS LTD.	-218933	29780	-52130	231
MAHANAGAR TELEPHONE NIGAM LTD.	-289339	-329862	-532112	232
AIR INDIA LTD.	-585302	-732670	-763184	233
BHARAT SANCHAR NIGAM LTD.	-884342	-712419	-795536	234
<b>TOTAL :</b>	<b>14675352</b>	<b>16667743</b>	<b>15123803</b>	

**STATEMENT - 13**  
**RANKING OF CPSEs IN TERMS OF NET TURNOVER / REVENUE IN 2014-15**

(₹ in Lakhs)

CPSE	Net Turnover / Revenue			Rank
	2014-15	2013-14	2012-13	2014-15
INDIAN OIL CORPORATION LTD.	46793390	49711413	47065059	1
BHARAT PETROLEUM CORPN. LTD.	25325486	27103735	25064926	2
HINDUSTAN PETROLEUM CORPN. LTD.	21730692	23250321	21587741	3
FOOD CORPN. OF INDIA	13476404	12791004	12084425	4
OIL & NATURAL GAS CORPORATION LTD.	8309347	8420278	8330896	5
NTPC LTD.	7391569	7264402	6620024	6
MANGALORE REFINERY & PETROCHEMICALS LTD.	6241714	7523041	6883826	7
GAIL (INDIA) LTD.	5746450	5827489	4819529	8
STEEL AUTHORITY OF INDIA LTD.	5112938	5235967	4998690	9
CHENNAI PETROLEUM CORPORATION LTD.	4789630	5395473	4685924	10
BHARAT HEAVY ELECTRICALS LTD.	3158805	4105793	5096346	11
BHARAT SANCHAR NIGAM LTD.	2724223	2615326	2565481	12
POWER FINANCE CORPORATION LTD.	2486132	2132256	1726027	13
SOUTH EASTERN COALFIELDS LTD.	2234102	2222861	2140813	14
RURAL ELECTRIFICATION CORPN. LTD.	2022953	1701798	1351886	15
AIR INDIA LTD.	1980171	1837096	1602784	16
ONGC VIDESH LTD.	1888170	2177715	1755783	17
M M T C LTD.	1828484	2526965	2859941	18
POWER GRID CORPORATION OF INDIA LTD.	1717723	1523028	1275785	19
HINDUSTAN AERONAUTICS LTD.	1563033	1513589	1432929	20
STATE TRADING CORPN. OF INDIA LTD.	1449400	1544863	1904163	21
MAHANADI COALFIELDLS LTD.	1238775	1063995	1078418	22
NMDC Ltd.	1236247	1206514	1071344	23
CENTRAL COALFIELDS LTD.	1205903	1051450	918155	24
EASTERN COALFIELDS LTD.	1089615	949196	976991	25
NUMALIGARH REFINERY LTD.	1082705	987676	875701	26
RASHTRIYA ISPAT NIGAM LTD.	1043217	1343148	1356528	27
NORTHERN COALFIELDS LTD.	1032531	996519	935993	28
BHARAT COKING COAL LTD.	1018444	1011256	1017662	29
OIL INDIA LTD.	974823	958682	994757	30
NUCLEAR POWER CORPN. OF INDIA LTD.	891598	838413	796151	31
AIRPORTS AUTHORITY OF INDIA	889095	801862	672551	32
NATIONAL FERTILIZERS LTD.	855320	804276	674673	33
WESTERN COALFIELDS LTD.	806643	707636	720551	34
NATIONAL ALUMINIUM COMPANY LTD.	789153	715632	735420	35
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	786166	672319	703866	36
INDIAN RAILWAY FINANCE CORPORATION LTD.	693880	618715	554959	37
BHARAT ELECTRONICS LTD.	686169	632748	612555	38
NHPC LTD.	680225	553704	516540	39
P E C LTD.	625451	1007468	1218283	40
NEYVELI LIGNITE CORPN. LTD.	609758	598001	560043	41
CONTAINER CORPORATION OF INDIA LTD.	557370	498455	440616	42
M S T C LTD.	542497	523030	636603	43
COTTON CORPN. OF INDIA LTD.	538928	489540	200721	44
NATIONAL BLDG. CONSTN. CORPN. LTD.	466214	403974	319848	45
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	451142	390104	371746	46



SHIPPING CORPORATION OF INDIA LTD.	418644	423180	419804	47
INDIA INFRASTRUCTURE FINANCE CO. LTD.	400739	389680	327902	48
NTPC VIDYUT VYAPAR NIGAM LTD.	387360	347571	304296	49
MAZAGON DOCK SHIPBUILDERS LTD.	361891	288672	233139	50
MAHANAGAR TELEPHONE NIGAM LTD.	340008	339173	342866	51
HOUSING & URBAN DEV. CORPN. LTD.	334655	294503	286635	52
RAIL VIKAS NIGAM LTD.	314197	249237	211685	53
BEML LTD.	299917	312017	299887	54
BALMER LAWRIE & CO. LTD.	286864	276218	270293	55
IRCON INTERNATIONAL LTD.	286399	405720	423178	56
SJVN LTD.	281753	187358	168210	57
BHARAT DYNAMICS LTD.	279968	177989	107471	58
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	274082	255585	416147	59
NATIONAL SMALL INDUSTRIES CORPN. LTD.	250697	209669	156750	60
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	243386	200172	147072	61
THDC INDIA LTD.	239716	217376	195614	62
AIR INDIA CHARTERS LTD.	229483	206940	156088	63
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	199474	222819	236383	64
COCHIN SHIPYARD LTD.	185952	165266	155790	65
ANTRIX CORPORATION LTD.	171756	147735	116874	66
ENGINEERS INDIA LTD.	171300	188442	245219	67
MADRAS FERTILIZERS LTD.	170526	259705	235055	68
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	161469	161535	153136	69
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	153051	127975	132524	70
CENTRAL WAREHOUSING CORPN.	147333	141011	131658	71
HINDUSTAN STEELWORKS COSTN. LTD.	147100	135995	123853	72
BRIDGE & ROOF CO.(INDIA) LTD.	143478	138255	132045	73
NHDC LTD.	137088	193440	109545	74
ELECTRONICS CORPN. OF INDIA LTD.	131988	145620	172940	75
KONKAN RAILWAY CORPORATION LTD.	125586	122159	108569	76
NATIONAL TEXTILE CORPN. LTD.	121395	110373	102597	77
HINDUSTAN COPPER LTD.	113820	162505	147342	78
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	111785	89076	71907	79
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	110851	117471	115504	80
rites LTD.	110428	115491	101785	81
HLL LIFECARE LTD.	106438	94726	83566	82
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	103640	92629	68077	83
ENGINEERING PROJECTS (INDIA) LTD.	103128	85516	84061	84
GAIL GAS LTD.	102459	99853	73343	85
E. C. G. C. LTD.	102244	91167	80173	86
WAPCOS LTD.	91454	90102	56725	87
URANIUM CORPORATION OF INDIA LTD.	87394	79530	82716	88
NATIONAL SEEDS CORPN. LTD.	85798	72111	68478	89
MOIL LTD.	83116	102845	97503	90
HINDUSTAN PAPER CORPORATION LTD.	81880	66116	59545	91
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	81852	53388	38924	92
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	81654	64743	60105	93
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	80208	80008	68205	94
GOA SHIPYARD LTD.	75815	51276	50970	95
DREDGING CORPN. OF INDIA LTD.	73496	77041	63492	96
MISHRA DHATU NIGAM LTD.	65570	56271	55859	97

AIR INDIA AIR TRANSPORT SERVICES LTD.	65324	10140	7479	98
KIOCL LTD.	63037	153237	115912	99
ITI LTD.	62095	77316	92200	100
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	59944	45953	56999	101
AIR INDIA ENGINEERING SERVICES LTD.	57850	0	0	102
KAMARAJAR PORT LTD.	56644	50193	32021	103
PAWAN HANS LTD.	52236	51626	45643	104
RAILTEL CORPORATION INDIA LTD.	48182	44980	36207	105
INDIA TOURISM DEV. CORPN. LTD.	47228	43826	41003	106
KANTI BIJLEE UTPADAN NIGAM LTD.	45998	16149	988	107
CEMENT CORPN. OF INDIA LTD.	45072	36366	31964	108
MECON LTD.	43059	37144	56483	109
INDIAN RARE EARTHS LTD.	42351	41456	55692	110
COAL INDIA LTD.	41425	33680	37900	111
HEAVY ENGINEERING CORPN. LTD.	40003	41975	74970	112
ANDREW YULE & COMPANY LTD.	39426	38118	32318	113
HINDUSTAN NEWSPRINT LTD.	34108	34577	32364	114
HINDUSTAN INSECTICIDES LTD.	33991	33035	30111	115
CONCOR AIR LTD.	30029	3885	0	116
HINDUSTAN SHIPYARD LTD.	28151	43045	48384	117
MINERAL EXPLORATION CORPN. LTD.	26566	19053	16538	118
FERRO SCRAP NIGAM LTD.	26410	22414	18679	119
HINDUSTAN PREFAB LTD.	25013	18632	16494	120
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	24917	24565	22720	121
INDIA TRADE PROMOTION ORGANISATION	24197	22735	22255	122
AIRLINE ALLIED SERVICES LTD.	22663	21766	26049	123
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	22440	21597	23962	124
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	20022	26596	30221	125
HPCL BIOFUELS LTD.	19771	13940	9549	126
POWER SYSTEM OPERATION CORPORATION LTD.	19708	19705	22004	127
HMT MACHINE TOOLS LTD.	17215	17525	23944	128
HINDUSTAN ORGANIC CHEMICALS LTD.	16831	23720	62487	129
CENTRAL ELECTRONICS LTD.	16829	17207	19216	130
SCOOTERS INDIA LTD.	16781	19435	20982	131
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	16270	16508	13023	132
INSTRUMENTATION LTD.	15917	15849	17206	133
THE JUTE CORPN. OF INDIA LTD.	15268	19450	17461	134
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	14624	17297	17297	135
SAIL REFRACTORY COMPANY LTD.	14288	14851	10708	136
BURN STANDARD COMPANY LTD.	13318	24721	20987	137
BRAITHWAITE & CO. LTD.	12411	36712	29424	138
BEL OPTRONICS DEVICES LTD.	10265	17151	14705	139
BHARAT PUMPS & COMPRESSORS LTD.	10258	14914	13006	140
NEPA LTD.	10223	13954	13220	141
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	9957	8996	8350	142
REC POWER DISTRIBUTION CO. LTD.	8543	7399	2982	143
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	8267	8164	7753	144
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	8244	8859	7384	145
BROADCAST ENGG. CONSULTANTS INDIA LTD.	7723	7006	4118	146
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	7484	6177	463	147
EdCIL(India) Ltd.	7414	7099	6085	148

REC TRANSMISSION PROJECTS CO. LTD.	6375	3065	0	149
INDIAN DRUGS & PHARMACEUTICALS LTD.	6355	5875	6071	150
MUMBAI RAILWAY VIKAS CORPORATION LTD.	6334	4799	3312	151
HMT LTD.	6147	7971	10095	152
RICHARDSON & CRUDDAS(1972) LTD.	5762	6699	7416	153
rites INFRASTRUCTURE SERVICES LTD.	5397	26	0	154
HOTEL CORPN. OF INDIA LTD.	5026	4842	4528	155
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	4958	1904	3420	156
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	4943	4059	0	157
PROJECTS & DEVELOPMENT INDIA LTD.	4639	5936	6841	158
TAMIL NADU TRADE PROMOTION ORGANISATION	4355	3059	2594	159
HSCC (INDIA) LTD.	4228	3919	3379	160
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	3786	3356	3089	161
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	3770	5812	4973	162
SOLAR ENERGY CORPORATION OF INDIA	3760	368	0	163
NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	3752	5413	4371	164
PFC CONSULTING LTD.	3731	4470	2721	165
IRCON INFRASTRUCTURE & SERVICES LTD.	3639	3108	1258	166
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	3440	2763	2843	167
PFC GREEN ENERGY LTD.	3365	2269	5	168
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3341	3182	3430	169
HMT (INTERNATIONAL) LTD.	3340	2508	3409	170
HINDUSTAN FLUOROCARBONS LIMITED	3275	3134	4448	171
FRESH & HEALTHY ENTERPRISES LTD.	3214	8513	3883	172
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	3203	3651	2967	173
VIGNYAN INDUSTRIES LTD.	3067	3675	2747	174
NATIONAL FILM DEV. CORPN. LTD.	2763	11661	23865	175
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2490	4350	8567	176
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	2442	4712	4279	177
BHEL ELECTRICAL MACHINES LTD.	2188	3703	2653	178
ORISSA DRUGS & CHEMICALS LTD.	1909	1469	1372	179
SAMBHAR SALTS LTD.	1894	1579	1666	180
HINDUSTAN ANTIBIOTICS LTD.	1854	3019	5208	181
NTPC ELECTRIC SUPPLY COMPANY LTD.	1686	2820	1634	182
HMT BEARINGS LTD.	1657	1633	1255	183
HOOGHLY PRINTING COMPANY LTD.	1599	1580	950	184
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1537	1512	1402	185
IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	1323	290	148	186
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1206	1069	962	187
IDPL (TAMILNADU) LTD.	1044	1044	1344	188
HMT WATCHES LTD.	975	812	1106	189
PRIZE PETROLEUM COMPANY LTD.	895	859	721	190
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	893	801	937	191
NATIONAL RESEARCH DEVELOPMENT CORPN.	861	666	578	192
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	827	1239	1299	193
HINDUSTAN SALTS LTD.	730	780	873	194
THE BISRA STONE LIME COMPANY LTD.	710	2853	2781	195
MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	679	690	643	196
KARNATAKA TRADE PROMOTION ORGANISATION	658	480	669	197
ASSAM ASHOK HOTEL CORPN. LTD.	644	830	685	198
KUMARAKRUPPA FRONTIER HOTELS LTD.	600	559	501	199

BHARAT WAGON & ENGG. CO. LTD.	587	5455	2071	200
TCIL BINA TOLL ROAD LTD.	498	0	0	201
PFC CAPITAL ADVISORY SERVICE LTD.	443	597	171	202
BHARAT BHARI UDYOG NIGAM LTD.	316	1080	1523	203
HOOGHLY DOCK AND PORT ENGINEERS LTD.	295	0	513	204
PONDICHERRY ASHOK HOTEL CORPN. LTD.	285	205	174	205
MILLENNIUM TELECOM LTD.	282	0	20	206
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	273	489	475	207
DONYI POLO ASHOK HOTEL LTD.	253	269	217	208
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	168	221	230	209
HLL BIOTECH LTD.	115	0	0	210
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	93	186	154	211
HMT CHINAR WATCHES LTD.	91	36	36	212
BRITISH INDIA CORPORATION LTD.	64	92	179	213
AGRINNOVATE INDIA LTD.	49	0	0	214
BHARAT BROADBAND NETWORK LTD.	41	41	0	215
TUNGABHADRA STEEL PRODUCTS LTD.	37	61	130	216
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	26	0	0	217
STCL LTD.	23	9009	10556	218
CREDA HPCL BIOFUEL LTD.	18	2	0	219
NAGALAND PULP & PAPER COMPANY LTD.	3	18	124	220
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	1	125	374	221

**STATEMENT - 14**  
**RANKING OF CPSEs IN TERMS OF EMPLOYMENT IN 2014-15**

CPSE	No. of Employees ( excluding casual labour )			Rank
	2014-15	2013-14	2012-13	2014-15
BHARAT SANCHAR NIGAM LTD.	225512	238277	252492	1
STEEL AUTHORITY OF INDIA LTD.	93352	97897	101878	2
FOOD CORPN. OF INDIA	73961	74021	80167	3
EASTERN COALFIELDS LTD.	68681	71826	74276	4
SOUTH EASTERN COALFIELDS LTD.	67800	70910	73718	5
BHARAT COKING COAL LTD.	56051	58960	61698	6
WESTERN COALFIELDS LTD.	50071	52484	54960	7
CENTRAL COALFIELDS LTD.	45011	46686	48126	8
BHARAT HEAVY ELECTRICALS LTD.	44905	47525	48399	9
MAHANAGAR TELEPHONE NIGAM LTD.	33770	36523	39264	10
OIL & NATURAL GAS CORPORATION LTD.	33185	34576	32988	11
INDIAN OIL CORPORATION LTD.	32962	33793	34084	12
HINDUSTAN AERONAUTICS LTD.	31144	32108	32644	13
NTPC LTD.	22496	23411	23872	14
MAHANADI COALFIELDLS LTD.	22259	22278	22065	15
RASHTRIYA ISPAT NIGAM LTD.	18137	18371	18072	16
AIRPORTS AUTHORITY OF INDIA	17410	18036	18573	17
NEYVELI LIGNITE CORPN. LTD.	16445	16849	17364	18
NORTHERN COALFIELDS LTD.	16226	16741	16073	19
ANDREW YULE & COMPANY LTD.	14983	15031	15043	20
AIR INDIA LTD.	14013	23259	25047	21
BHARAT PETROLEUM CORPN. LTD.	12687	13214	13213	22
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	11784	12257	12606	23
NUCLEAR POWER CORPN. OF INDIA LTD.	11595	11772	11596	24
HINDUSTAN PETROLEUM CORPN. LTD.	10634	10849	11027	25
BHARAT ELECTRONICS LTD.	9703	9952	10305	26
BEML LTD.	9599	10328	11005	27
NHPC LTD.	9211	9845	10419	28
MAZAGON DOCK SHIPBUILDERS LTD.	8925	8635	12311	29
POWER GRID CORPORATION OF INDIA LTD.	8425	8694	8909	30
NATIONAL TEXTILE CORPN. LTD.	8030	8310	8348	31
OIL INDIA LTD.	7892	7837	8076	32
NATIONAL ALUMINIUM COMPANY LTD.	7320	7425	7555	33
AIR INDIA AIR TRANSPORT SERVICES LTD.	6765	3702	0	34
MOIL LTD.	6417	6473	6485	35
I T I LTD.	6098	7350	8516	36
NMDC Ltd.	5490	5664	5777	37
KONKAN RAILWAY CORPORATION LTD.	4943	4847	4785	38
URANIUM CORPORATION OF INDIA LTD.	4685	4650	4590	39
CENTRAL WAREHOUSING CORPN.	4557	4777	5222	40
GAIL (INDIA) LTD.	4266	4022	3961	41
AIR INDIA ENGINEERING SERVICES LTD.	4000	0	0	42
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3957	4073	4060	43
NATIONAL FERTILIZERS LTD.	3798	4068	4291	44
HINDUSTAN COPPER LTD.	3676	4112	4498	45

CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3629	3135	3142	46
BHARAT DYNAMICS LTD.	3183	3266	3300	47
ENGINEERS INDIA LTD.	3166	3276	3379	48
COAL INDIA LTD.	2895	3106	3317	49
ELECTRONICS CORPN. OF INDIA LTD.	2863	3207	3769	50
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2834	3133	3480	51
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	2592	2862	2992	52
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	2565	2729	2697	53
rites LTD.	2279	2241	2173	54
HMT MACHINE TOOLS LTD.	2218	2567	3983	55
ONGC VIDESH LTD.	2119	2395	2193	56
NATIONAL BLDG. CONSTN. CORPN. LTD.	2047	2136	2211	57
THDC INDIA LTD.	2013	2067	2099	58
INDIAN RARE EARTHS LTD.	1961	2054	2137	59
HINDUSTAN PAPER CORPORATION LTD.	1843	2061	2270	60
SVVN LTD.	1824	1874	1797	61
HLL LIFECARE LTD.	1814	1836	1879	62
COCHIN SHIPYARD LTD.	1786	2450	1656	63
HEAVY ENGINEERING CORPN. LTD.	1757	2035	2389	64
MANGALORE REFINERY & PETROCHEMICALS LTD.	1720	1715	1627	65
NATIONAL SEEDS CORPN. LTD.	1650	701	767	66
HINDUSTAN SHIPYARD LTD.	1646	1832	2159	67
CHENNAI PETROLEUM CORPORATION LTD.	1628	1688	1705	68
INDIA TOURISM DEV. CORPN. LTD.	1577	1733	1874	69
GOA SHIPYARD LTD.	1568	1545	1602	70
MECON LTD.	1563	1673	1704	71
HINDUSTAN CABLES LTD.	1533	1698	1832	72
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1502	1672	1718	73
BRITISH INDIA CORPORATION LTD.	1490	1637	1802	74
M M T C LTD.	1438	1536	1598	75
HMT LTD.	1421	1434	1442	76
BRIDGE & ROOF CO.(INDIA) LTD.	1409	1477	1475	77
BALMER LAWRIE & CO. LTD.	1365	1431	1465	78
IRCON INTERNATIONAL LTD.	1359	1434	1470	79
MINERAL EXPLORATION CORPN. LTD.	1355	1481	1639	80
CONTAINER CORPORATION OF INDIA LTD.	1332	1325	1187	81
HINDUSTAN INSECTICIDES LTD.	1210	1212	1192	82
HOTEL CORPN. OF INDIA LTD.	1201	1201	1405	83
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1174	1355	1481	84
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP. LTD	1065	1182	1193	85
HINDUSTAN ANTIBIOTICS LTD.	1051	1120	1147	86
HINDUSTAN ORGANIC CHEMICALS LTD.	1041	1146	1232	87
HMT WATCHES LTD.	1005	1055	1105	88
INSTRUMENTATION LTD.	996	1151	1257	89
COTTON CORPN. OF INDIA LTD.	980	964	1029	90
FERRO SCRAP NIGAM LTD.	957	1010	1051	91
KIOCL LTD.	947	957	1251	92
HOUSING & URBAN DEV. CORPN. LTD.	892	916	948	93
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	886	899	916	94
INDIA TRADE PROMOTION ORGANISATION	884	940	1005	95
NATIONAL SMALL INDUSTRIES CORPN. LTD.	880	881	899	96



NUMALIGARH REFINERY LTD.	878	864	852	97
MISHRA DHATU NIGAM LTD.	836	904	976	98
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	835	944	989	99
CEMENT CORPN. OF INDIA LTD.	813	910	910	100
SHIPPING CORPORATION OF INDIA LTD.	792	836	891	101
THE BISRA STONE LIME COMPANY LTD.	787	981	1039	102
AIR INDIA CHARTERS LTD.	771	277	277	103
STATE TRADING CORPN. OF INDIA LTD.	738	795	830	104
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	728	738	714	105
BHARAT WAGON & ENGG. CO. LTD.	711	755	793	106
MADRAS FERTILIZERS LTD.	693	734	773	107
BURN STANDARD COMPANY LTD.	683	772	842	108
WAPCOS LTD.	674	618	559	109
AIRLINE ALLIED SERVICES LTD.	664	938	980	110
E. C. G. C. LTD.	655	657	643	111
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	647	537	393	112
HINDUSTAN NEWSPRINT LTD.	640	702	731	113
BHARAT PUMPS & COMPRESSORS LTD.	638	780	889	114
NEPA LTD.	635	621	1178	115
RURAL ELECTRIFICATION CORPN. LTD.	601	631	648	116
SCOOTERS INDIA LTD.	594	620	613	117
THE JUTE CORPN. OF INDIA LTD.	588	682	769	118
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	564	641	714	119
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	563	866	101	120
DREDGING CORPN. OF INDIA LTD.	560	600	620	121
NHDC LTD.	533	540	547	122
RAILTEL CORPORATION INDIA LTD.	525	522	428	123
CENTRAL ELECTRONICS LTD.	518	549	586	124
PAWAN HANS LTD.	456	467	924	125
POWER FINANCE CORPORATION LTD.	450	446	428	126
POWER SYSTEM OPERATION CORPORATION LTD.	444	459	436	127
ENGINEERING PROJECTS (INDIA) LTD.	436	437	435	128
BRAHMAPUTRA CRACKERS & POLYMER LTD.	430	353	205	129
RAIL VIKAS NIGAM LTD.	415	410	371	130
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	405	481	566	131
BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	403	408	412	132
HPCL BIOFUELS LTD.	394	394	183	133
PROJECTS & DEVELOPMENT INDIA LTD.	393	426	445	134
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	348	657	687	135
HOOGHLY DOCK AND PORT ENGINEERS LTD.	339	378	420	136
BRAITHWAITE & CO. LTD.	330	328	353	137
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	314	322	344	138
M S T C LTD.	307	318	319	139
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	295	297	304	140
HINDUSTAN PREFAB LTD.	256	262	273	141
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	252	241	242	142
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	252	296	312	143
SAIL REFRACTORY COMPANY LTD.	232	258	279	144
HINDUSTAN SALTS LTD.	222	111	102	145
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	208	193	199	146

GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	199	207	0	147
MUMBAI RAILWAY VIKAS CORPORATION LTD.	198	187	180	148
KANTI BIJLEE UTPADAN NIGAM LTD.	195	195	168	149
NLC TAMIL NADU POWER LTD.	186	151	133	150
NAGALAND PULP & PAPER COMPANY LTD.	183	220	216	151
BHEL ELECTRICAL MACHINES LTD.	175	178	183	152
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	171	184	191	153
P E C LTD.	169	188	202	154
HINDUSTAN FLUOROCARBONS LIMITED	151	179	157	155
HSCC (INDIA) LTD.	151	143	123	156
BEL OPTRONICS DEVICES LTD.	133	111	112	157
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	131	406	144	158
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	127	130	129	159
BHARTIYA RAIL BIJLEE CO. LTD.	125	125	109	160
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	119	129	133	161
SAMBHAR SALTS LTD.	118	115	115	162
GAIL GAS LTD.	118	112	112	163
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	115	118	118	164
BHARAT BROADBAND NETWORK LTD.	114	90	25	165
VIGNYAN INDUSTRIES LTD.	113	247	146	166
IDPL (TAMILNADU) LTD.	112	112	111	167
HINDUSTAN STEELWORKS COSTN. LTD.	106	200	310	168
KAMARAJAR PORT LTD.	102	103	100	169
NATIONAL FILM DEV. CORPN. LTD.	99	98	102	170
INDIAN DRUGS & PHARMACEUTICALS LTD.	95	114	212	171
NATIONAL RESEARCH DEVELOPMENT CORPN.	80	86	87	172
INDIA INFRASTRUCTURE FINANCE CO. LTD.	79	58	52	173
EdCIL(India) Ltd.	78	81	78	174
NTPC ELECTRIC SUPPLY COMPANY LTD.	76	87	122	175
TUNGABHADRA STEEL PRODUCTS LTD.	75	84	93	176
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	75	77	78	177
ANTRIX CORPORATION LTD.	74	68	68	178
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	73	73	76	179
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	69	98	99	180
BROADCAST ENGG. CONSULTANTS INDIA LTD.	67	70	144	181
ASSAM ASHOK HOTEL CORPN. LTD.	65	69	72	182
ORISSA DRUGS & CHEMICALS LTD.	61	64	69	183
MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	60	61	58	184
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	58	69	74	185
HMT BEARINGS LTD.	55	62	65	186
HMT CHINAR WATCHES LTD.	54	54	54	187
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	53	53	1	188
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	53	55	55	189
NTPC VIDYUT VYAPAR NIGAM LTD.	50	53	53	190
NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	50	43	69	191
BHARAT PETRO RESOURCES LTD.	50	34	34	192
HOOGHLY PRINTING COMPANY LTD.	47	53	53	193
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	47	47	47	194
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	42	43	45	195
HMT (INTERNATIONAL) LTD.	39	52	59	196

SJVN THERMAL PVT. LTD.	39	39	0	197
HLL BIOTECH LTD.	39	39	51	198
SOLAR ENERGY CORPORATION OF INDIA	36	36	0	199
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	34	35	40	200
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	33	38	31	201
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	33	32	32	202
KOLKATA METRO RAIL CORPORATION LTD.	33	33	0	203
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	32	32	32	204
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	30	0	0	205
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	27	22	29	206
FRESH & HEALTHY ENTERPRISES LTD.	27	31	30	207
DONYI POLO ASHOK HOTEL LTD.	26	46	42	208
PRIZE PETROLEUM COMPANY LTD.	23	23	31	209
UTKAL ASHOK HOTEL CORPN. LTD.	23	23	23	210
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	21	30	22	211
INDIAN RAILWAY FINANCE CORPORATION LTD.	19	19	19	212
PONDICHERRY ASHOK HOTEL CORPN. LTD.	19	20	21	213
MJSJ COAL LTD.	18	18	19	214
PFC GREEN ENERGY LTD.	17	18	0	215
BHARAT BHARI UDYOG NIGAM LTD.	17	17	20	216
RICHARDSON & CRUDDAS(1972) LTD.	17	22	34	217
NEYVELI UTTAR PRADESH POWER LTD	17	18	5	218
MNH SHAKTI LTD.	16	16	16	219
SETHUSAMUDRAM CORPN. LTD.	15	15	16	220
STCL LTD.	14	25	54	221
REC POWER DISTRIBUTION CO. LTD.	13	0	11	222
INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	13	12	10	223
FERTILIZER CORPN. OF INDIA LTD.	13	17	22	224
MAHANADI BASIN POWER LTD.	10	9	4	225
IRCON INFRASTRUCTURE & SERVICES LTD.	9	10	119	226
AGRINNOVATE INDIA LTD.	8	0	0	227
PFC CAPITAL ADVISORY SERVICE LTD.	7	7	7	228
CREDA HPCL BIOFUEL LTD.	7	8	6	229
HINDUSTAN FERTILIZER CORPN. LTD.	6	8	11	230
J & K MINERAL DEVELOPMENT CORPN. LTD.	5	5	5	231
SIDCUL CONCOR INFRA COMPANY LTD.	5	1	0	232
TAMIL NADU TRADE PROMOTION ORGANISATION	5	5	5	233
IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	4	4	4	234
VIZAG TRANSMISSION LTD.	4	0	0	235
INDIAN VACCINE CORP. LTD.	3	3	3	236
KUMARAKRUPPA FRONTIER HOTELS LTD.	3	3	3	237
INDIAN OIL-CREDA BIOFUELS LTD.	3	5	5	238
KARNATAKA TRADE PROMOTION ORGANISATION	2	2	2	239
EASTERN INVESTMENT LTD.	2	1	1	240
NMDC-CMDC LTD.	2	3	3	241
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1	0	0	242

**STATEMENT - 15**  
**RANKING OF CPSEs IN TERMS OF GROSS BLOCK IN 2014-15**

(₹ in Lakhs)

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2014-15	2013-14	2012-13	2014-15			
OIL & NATURAL GAS CORPORATION LTD.	29004210	9820176	27060778	9606251	23656776	7992419	1
NTPC LTD.	18497108	7884907	16188073	7211083	14035512	6293610	2
BHARAT SANCHAR NIGAM LTD.	17236688	4385499	17092039	5062105	17581531	6084638	3
POWER GRID CORPORATION OF INDIA LTD.	17118841	8968621	14598037	7315407	11542359	6140064	4
INDIAN OIL CORPORATION LTD.	15796695	6625147	14648824	6294879	12311260	6063273	5
ONGC VIDESH LTD.	11592885	5646586	10856947	5055508	6796739	3200527	6
STEEL AUTHORITY OF INDIA LTD.	9440119	3616861	8781890	2677065	7859327	1677740	7
NUCLEAR POWER CORPN. OF INDIA LTD.	5488824	2185653	4806718	1136707	4294705	1207232	8
HINDUSTAN PETROLEUM CORPN. LTD.	5164934	2906281	4705232	2591224	4217908	2254870	9
BHARAT PETROLEUM CORPN. LTD.	4947531	2031506	4122888	1903951	3609452	1669041	10
NHPC LTD.	4903686	2269516	4758815	2407954	4542908	1803996	11
GAIL (INDIA) LTD.	4574928	2775968	4378417	2147663	4012679	1970745	12
AIR INDIA LTD.	4450261	3342997	4211812	3305713	4266540	3458983	13
MAHANAGAR TELEPHONE NIGAM LTD.	2730634	1043231	2709125	1122095	3160226	1489918	14
RASHTRIYA ISPAT NIGAM LTD.	2610351	535674	2431577	453278	2257578	378981	15
MANGALORE REFINERY & PETROCHEMICALS LTD.	2231910	1410926	2080253	599142	1889294	578063	16
AIRPORTS AUTHORITY OF INDIA	2148564	824772	2035780	865395	1955234	923017	17
NEYVELI LIGNITE CORPN. LTD.	1946351	642566	1835753	647062	1770054	663536	18
SHIPPING CORPORATION OF INDIA LTD.	1778880	1144446	1754918	1193473	1674672	1154025	19
OIL INDIA LTD.	1688305	642990	1451070	547873	1296881	499487	20
NATIONAL ALUMINIUM COMPANY LTD.	1583443	664542	1562687	679194	1517689	662889	21
SJVN LTD.	1347375	905238	1314183	566866	1187154	581983	22
THDC INDIA LTD.	1312728	795672	1249575	843490	1198796	879607	23
BHARAT HEAVY ELECTRICALS LTD.	1310657	414052	1269261	469294	1195485	445849	24
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1179597	220975	1015323	219961	837783	225340	25
NMDC Ltd.	1065466	133369	804680	136228	581804	126466	26
SOUTH EASTERN COALFIELDS LTD.	1016156	390882	926302	338487	848054	332901	27
CHENNAI PETROLEUM CORPORATION LTD.	900711	407681	855840	429187	827664	456784	28
NORTHERN COALFIELDS LTD.	795774	251971	739577	225786	767067	213506	29
NHDC LTD.	759248	521651	755490	550714	721115	548970	30
NATIONAL FERTILIZERS LTD.	726619	444331	719585	468224	707562	350052	31
EASTERN COALFIELDS LTD.	696476	156540	593449	138379	561708	125483	32
MAHANADI COALFIELDLS LTD.	677386	308748	596562	278858	512754	221252	33
NLC TAMIL NADU POWER LTD.	664882	7272	574349	7336	465117	6341	34
CENTRAL COALFIELDS LTD.	604295	175375	562603	161339	512760	139782	35
BRAHAMPUTRA CRACKERS & POLYMER LTD.	598992	27720	586147	24154	550235	17134	36
BHARAT COKING COAL LTD.	568849	132051	530006	138159	482590	135875	37
CONTAINER CORPORATION OF INDIA LTD.	549238	324185	470102	300938	418270	272011	38
WESTERN COALFIELDS LTD.	532881	172163	496029	158412	480736	153763	39
HINDUSTAN AERONAUTICS LTD.	523902	140630	475188	147228	437689	200847	40
BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	500478	20231	439754	23320	382468	21617	41
BHARTIYA RAIL BIJLEE CO. LTD.	489013	40038	399093	36960	250534	35547	42
AIR INDIA CHARTERS LTD.	475858	326413	465939	341567	444317	341445	43
NUMALIGARH REFINERY LTD.	461623	192522	432814	162415	387829	169062	44

KONKAN RAILWAY CORPORATION LTD.	432799	288087	421706	290728	415342	293661	45
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	411946	150104	408818	161967	386945	141671	46
ITI LTD.	372325	242343	371757	245286	369669	248565	47
URANIUM CORPORATION OF INDIA LTD.	356398	71339	322847	76739	291038	80939	48
KANTI BIJLEE UTPADAN NIGAM LTD.	356318	67303	297453	51300	225379	23109	49
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	331531	1224	159757	938	102715	714	50
DREDGING CORPN. OF INDIA LTD.	305220	187134	327408	218775	198818	100778	51
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	294086	97095	285889	104290	241237	104664	52
BHARAT ELECTRONICS LTD.	262492	77111	242352	65094	223465	57545	53
NATIONAL TEXTILE CORPN. LTD.	184171	106815	183778	123080	178702	90729	54
FOOD CORPN. OF INDIA	182077	55808	162290	49892	151399	42569	55
KOLKATA METRO RAIL CORPORATION LTD.	174142	4467	156208	4325	0	0	56
KAMARAJAR PORT LTD.	172049	152731	168429	138876	112466	86649	57
HINDUSTAN COPPER LTD.	171731	20201	152579	21179	139467	20633	58
CENTRAL WAREHOUSING CORPN.	169464	125715	159249	119172	146604	110397	59
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	149343	28180	148307	27606	143440	24336	60
PAWAN HANS LTD.	148237	86276	145780	92257	150219	98392	61
BEML LTD.	141797	46871	137350	49870	132556	53074	62
RAILTEL CORPORATION INDIA LTD.	140382	59612	113854	53640	101067	52711	63
KIOCL LTD.	119798	24930	122175	29499	164774	33289	64
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	114350	38734	114802	39170	110048	41138	65
BHARAT DYNAMICS LTD.	108231	39386	90470	35960	78107	27800	66
STATE TRADING CORPN. OF INDIA LTD.	102243	95955	10720	6243	10911	5777	67
HINDUSTAN PAPER CORPORATION LTD.	100121	20331	98860	22144	98766	23843	68
MADRAS FERTILIZERS LTD.	96590	18334	96210	19523	95519	23160	69
CEMENT CORPN. OF INDIA LTD.	77520	12169	76739	12741	76941	12913	70
HPCL BIOFUELS LTD.	75765	63414	75787	65847	72009	64095	71
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	71577	13716	71577	13716	71597	16858	72
SETHUSAMUDRAM CORPN. LTD.	70984	7	71069	228	71593	267	73
FERTILIZER CORPN. OF INDIA LTD.	68278	6470	112614	6088	112637	6207	74
MOIL LTD.	66362	29391	57905	23233	50688	23352	75
HINDUSTAN ORGANIC CHEMICALS LTD.	65046	11679	70453	13314	77796	15663	76
COCHIN SHIPYARD LTD.	64962	37744	60995	38341	58236	24730	77
INDIAN RARE EARTHS LTD.	64364	14576	60618	16043	58031	16359	78
COAL INDIA LTD.	64068	8908	60481	9625	51883	9663	79
BALMER LAWRIE & CO. LTD.	61076	40685	54302	29030	43758	26349	80
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	57502	36574	55158	36548	50408	27979	81
BURN STANDARD COMPANY LTD.	54164	47303	53979	46465	53089	45978	82
MAZAGON DOCK SHIPBUILDERS LTD.	53351	26581	48759	17612	39100	12603	83
GAIL GAS LTD.	52248	32323	51194	32072	47288	24732	84
IRCON INTERNATIONAL LTD.	50260	15727	50924	16874	49912	17795	85
HLL LIFECARE LTD.	49835	23450	42771	18663	36786	17464	86
HINDUSTAN NEWSPRINT LTD.	48154	16098	45787	14311	43647	14333	87
HINDUSTAN CABLES LTD.	47695	4018	52818	4381	57887	4895	88
ENGINEERS INDIA LTD.	45820	26970	40420	11790	32909	5047	89
rites LTD.	41023	21689	33760	20872	28827	18485	90
MISHRA DHATU NIGAM LTD.	39614	24428	36491	11547	33477	6817	91
HEAVY ENGINEERING CORPN. LTD.	38749	7423	37836	7676	38211	8663	92
POWER SYSTEM OPERATION CORPORATION LTD.	34807	3643	31030	3141	29472	3655	93
HINDUSTAN FERTILIZER CORPN. LTD.	34696	1973	34699	2061	34712	2078	94
HMT MACHINE TOOLS LTD.	34403	5541	34404	6729	34521	7545	95

BEL OPTRONICS DEVICES LTD.	33004	27378	32876	2214	21715	746	96
ELECTRONICS CORPN. OF INDIA LTD.	32935	13115	33248	15115	30046	11615	97
AIR INDIA AIR TRANSPORT SERVICES LTD.	30844	15086	2	1	1	1	98
AIR INDIA ENGINEERING SERVICES LTD.	30434	14362	0	0	0	0	99
GOA SHIPYARD LTD.	30262	6606	54607	32428	45268	33802	100
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	29332	15532	22958	11043	20752	11400	101
E. C. G. C. LTD.	27530	11849	24983	12348	19803	12535	102
VIZAG TRANSMISSION LTD.	26983	3	281	0	0	0	103
BRIDGE & ROOF CO.(INDIA) LTD.	26611	4893	26635	5968	26096	7325	104
ANDREW YULE & COMPANY LTD.	26386	18040	25446	17765	24651	17370	105
HINDUSTAN SHIPYARD LTD.	25346	6705	25220	7388	25138	7596	106
BHARAT PETRO RESOURCES LTD.	23585	79	18212	164	19009	300	107
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	23291	8083	20874	7145	19883	7518	108
HINDUSTAN ANTIBIOTICS LTD.	21870	6034	22180	5977	22168	6442	109
NATIONAL SEEDS CORPN. LTD.	21517	12082	6634	3841	5774	3106	110
ORISSA INTEGRATED POWER LTD.	21377	3	18037	5	8735	4	111
M M T C LTD.	20325	5783	20931	7523	20798	8664	112
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	20245	17520	19089	17347	18041	16669	113
HOUSING & URBAN DEV. CORPN. LTD.	19535	7469	18552	6810	17595	7106	114
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	18900	11325	18926	12652	24201	12544	115
HMT WATCHES LTD.	18826	723	18871	862	18895	886	116
FERRO SCRAP NIGAM LTD.	18295	5679	18777	5285	19019	5280	117
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	17609	4316	17492	3294	17320	1882	118
POWERGRID NM TRANSMISSION LTD.	17536	1	2080	0	2060	0	119
NEYVELI UTTAR PRADESH POWER LTD	16943	15263	1135	13	574	0	120
NATIONAL SMALL INDUSTRIES CORPN. LTD.	16521	5970	14390	6098	12580	5919	121
MECON LTD.	16438	8372	14504	7899	13578	7398	122
BHARAT BROADBAND NETWORK LTD.	15862	1240	853	912	210	55	123
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	15829	6865	15619	8381	15463	8976	124
INDIA TOURISM DEV. CORPN. LTD.	15632	4271	14994	5222	14646	5796	125
HINDUSTAN INSECTICIDES LTD.	15628	4235	15106	3397	14118	2673	126
INDIAN DRUGS & PHARMACEUTICALS LTD.	15244	1756	14725	1972	2047	1936	127
HMT LTD.	13857	2396	13949	2831	13937	3159	128
TCIL BINA TOLL ROAD LTD.	12087	11918	11474	0	0	0	129
RURAL ELECTRIFICATION CORPN. LTD.	11472	7393	11035	7212	10530	7130	130
INDIA TRADE PROMOTION ORGANISATION	11359	4629	11611	5224	11300	5482	131
POWER FINANCE CORPORATION LTD.	11274	6579	11009	7063	10926	7434	132
IRCON INFRASTRUCTURE & SERVICES LTD.	10957	10553	10844	7861	8886	1	133
NAGALAND PULP & PAPER COMPANY LTD.	10582	383	8538	565	7713	562	134
BHARAT PUMPS & COMPRESSORS LTD.	10460	5145	5959	4282	10408	4584	135
NEPA LTD.	10458	1643	10585	1771	10620	1837	136
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	10245	10042	0	0	0	0	137
HINDUSTAN STEELWORKS COSTN. LTD.	9761	4188	8983	3423	9063	3685	138
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	9465	105	8319	101	5118	92	139
MINERAL EXPLORATION CORPN. LTD.	9238	3724	13980	3421	13487	3663	140
COTTON CORPN. OF INDIA LTD.	8968	4911	8767	5270	8707	5530	141
HOTEL CORPN. OF INDIA LTD.	8829	3288	8102	3055	8094	3226	142
INSTRUMENTATION LTD.	8632	2095	8314	1942	7796	1569	143
HLL BIOTECH LTD.	8311	231	2496	214	540	34	144
FRESH & HEALTHY ENTERPRISES LTD.	8168	5243	8134	5745	8181	6152	145
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	8048	2613	7823	3267	7326	3411	146



HINDUSTAN FLUOROCARBONS LIMITED	7634	2058	7283	1784	7158	1895	147
CENTRAL ELECTRONICS LTD.	7257	3766	6030	2854	5780	2908	148
TAMIL NADU TRADE PROMOTION ORGANISATION	7178	4332	6933	4945	6873	5109	149
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	6844	3252	6011	3712	5995	4015	150
PROJECTS & DEVELOPMENT INDIA LTD.	6840	1906	6796	2331	6325	2026	151
COASTAL TAMIL NADU POWER LTD.	6769	1	5515	1	3882	1	152
BRAITHWAITE & CO. LTD.	6762	2239	6349	2100	5980	1864	153
NMDC-CMDC LTD.	6732	1	10	3	11	3	154
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	6433	1403	11053	2673	11055	2966	155
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	6270	1638	5813	1969	5406	2047	156
IDPL (TAMILNADU) LTD.	6173	5664	6173	5664	6173	5693	157
SJVN THERMAL PVT. LTD.	6166	79	4721	72	0	0	158
SCOOTERS INDIA LTD.	6013	1262	5919	1469	5852	1540	159
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5893	1148	5676	1103	5704	1158	160
TCIL LAKHNADONE TOLL ROAD LTD.	5570	0	3491	0	0	0	161
MUMBAI RAILWAY VIKAS CORPORATION LTD.	5245	4214	5218	4510	5157	4647	162
MNH SHAKTI LTD.	5171	2341	5214	2458	4592	2537	163
CHHATTISHGARH SURGUJA POWER LTD.	5052	1	4412	3	5956	4	164
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4543	605	4477	733	4477	733	165
BRITISH INDIA CORPORATION LTD.	4470	659	4484	738	4482	773	166
SIDCUL CONCOR INFRA COMPANY LTD.	4296	95	757	101	0	0	167
NATIONAL BLDG. CONSTN. CORPN. LTD.	4154	2622	3544	2255	3799	2433	168
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	3731	737	4019	829	4402	964	169
RAIL VIKAS NIGAM LTD.	3665	579	3209	694	2544	776	170
MJSJ COAL LTD.	3518	3083	7630	4183	7418	4264	171
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	3439	372	2571	505	1557	565	172
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	3426	2174	3339	2287	3337	2429	173
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	3385	1432	3144	1468	2958	1461	174
J & K MINERAL DEVELOPMENT CORPN. LTD.	3231	330	2948	354	1826	206	175
SAMBHAR SALTS LTD.	3229	1706	3364	655	2824	642	176
M S T C LTD.	3012	1639	3120	1538	3037	1696	177
HMT BEARINGS LTD.	2973	100	2973	124	3023	132	178
KARNATAKA TRADE PROMOTION ORGANISATION	2912	2285	1910	762	1910	850	179
RICHARDSON & CRUDDAS(1972) LTD.	2799	557	2911	706	3220	758	180
HPCL RAJASTHAN REFINERY LTD.	2760	0	2029	0	0	0	181
WAPCOS LTD.	2651	1360	2362	1464	2063	1210	182
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2576	1351	2526	1393	2459	1196	183
SAIL REFRACTORY COMPANY LTD.	2492	1870	2486	2074	2453	2228	184
ENGINEERING PROJECTS (INDIA) LTD.	2320	912	2202	916	1853	635	185
BHARAT WAGON & ENGG. CO. LTD.	2313	669	2310	729	2279	763	186
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2265	1492	2254	1638	2188	1409	187
PRIZE PETROLEUM COMPANY LTD.	2177	1600	2175	1616	2344	1649	188
BROADCAST ENGG. CONSULTANTS INDIA LTD.	2036	1235	2020	1457	1900	1469	189
TUNGABHADRA STEEL PRODUCTS LTD.	2033	293	2056	338	2058	393	190
HOOGHLY DOCK AND PORT ENGINEERS LTD.	1999	231	2066	311	2141	327	191
ANTRIX CORPORATION LTD.	1882	1527	1881	1510	1794	1554	192
THE BISRA STONE LIME COMPANY LTD.	1861	238	2002	394	1992	465	193
CONCOR AIR LTD.	1851	350	800	421	365	171	194
POWER GRID JABALPUR TRANSMISSION LTD.	1840	0	0	0	0	0	195
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1828	873	1793	945	1700	968	196
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP. LTD	1787	308	1784	494	1784	515	197

BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1776	571	1763	695	1746	783	198
INDIAN RAILWAY FINANCE CORPORATION LTD.	1733	1201	1727	1261	1723	1293	199
VIGNYAN INDUSTRIES LTD.	1673	840	1657	910	1657	986	200
JAGDISHPUR PAPER MILLS LTD.	1650	0	1650	0	1650	0	201
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1523	1184	730	475	659	261	202
INDIAN CATALYST PVT. LTD.	1490	612	0	0	0	0	203
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1452	0	29	0	0	0	204
INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	1433	10	986	10	13	12	205
NATIONAL FILM DEV. CORPN. LTD.	1359	694	1730	433	1551	495	206
HINDUSTAN SALTS LTD.	1318	352	1277	405	1106	369	207
INDIAN VACCINE CORP. LTD.	1276	629	1760	767	1760	1102	208
HSCC (INDIA) LTD.	1265	650	1265	693	1224	686	209
MAHANADI BASIN POWER LTD.	1257	9	983	9	726	1	210
HMT CHINAR WATCHES LTD.	1214	121	1216	174	1216	174	211
BHEL ELECTRICAL MACHINES LTD.	1100	711	1066	778	1062	869	212
STCL LTD.	1089	491	1211	651	1217	738	213
EdCIL(India) Ltd.	1058	481	1026	530	1012	529	214
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1032	294	999	303	394	258	215
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1002	619	958	638	3853	670	216
NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	979	174	955	160	945	175	217
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	968	557	959	604	949	592	218
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	942	388	962	453	0	0	219
HMT (INTERNATIONAL) LTD.	833	521	836	549	835	566	220
CREDA HPCL BIOFUEL LTD.	800	24	1073	32	807	24	221
COASTAL MAHARASHTRA MEGA POWER LTD.	722	0	647	0	576	0	222
KUMARAKRUPPA FRONTIER HOTELS LTD.	680	97	680	99	680	104	223
HOOGHLY PRINTING COMPANY LTD.	643	267	643	304	642	331	224
P E C LTD.	636	60	636	76	626	74	225
MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	636	268	617	299	578	270	226
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	623	306	627	326	624	353	227
INDIAN OIL-CREDA BIOFUELS LTD.	622	1	1824	4	2003	5	228
BITES INFRASTRUCTURE SERVICES LTD.	614	442	600	0	447	0	229
DEOGHAR MEGA POWER LTD.	608	0	497	0	249	0	230
ORISSA DRUGS & CHEMICALS LTD.	584	417	519	363	194	44	231
INDIA INFRASTRUCTURE FINANCE CO. LTD.	554	156	485	322	231	120	232
ASSAM ASHOK HOTEL CORPN. LTD.	508	191	517	220	515	234	233
SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	502	0	411	0	294	0	234
GHOHARPALLI INTEGRATED POWER COMPANY LTD.	435	0	356	0	262	0	235
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	430	245	419	287	412	298	236
AIRLINE ALLIED SERVICES LTD.	418	25	405	46	405	47	237
POWERGRID KALA AMB TRANSMISSION LTD.	413	0	0	0	0	0	238
COASTAL KARNATAKA POWER LTD.	387	0	338	0	286	0	239
THE JUTE CORPN. OF INDIA LTD.	377	238	377	238	376	244	240
PONDICHERRY ASHOK HOTEL CORPN. LTD.	367	186	368	228	348	220	241
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	301	240	55	44	43	41	242
UNCHAHAAR TRANSMISSION LTD.	299	0	281	0	0	0	243
HINDUSTAN PREFAB LTD.	295	295	868	370	857	371	244
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	290	54	287	66	281	68	245
UTKAL ASHOK HOTEL CORPN. LTD.	288	97	288	100	288	103	246

PUNJAB ASHOK HOTEL COMPANY LTD.	280	0	277	1	276	1	247
HIGH SPEED RAIL CORPORATION OF INDIA LTD.	272	9	14	12	0	0	248
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	271	70	270	79	266	80	249
BIRDS JUTE & EXPORTS LTD.	268	15	268	20	266	18	250
NATIONAL RESEARCH DEVELOPMENT CORPN.	249	58	242	88	232	73	251
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	224	117	149	57	128	44	252
SOLAR ENERGY CORPORATION OF INDIA	212	141	183	162	0	0	253
DONYI POLO ASHOK HOTEL LTD.	180	77	179	89	175	91	254
NTPC ELECTRIC SUPPLY COMPANY LTD.	146	40	194	68	219	91	255
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	137	22	124	24	126	27	256
PFC CONSULTING LTD.	118	32	107	52	84	50	257
REC POWER DISTRIBUTION CO. LTD.	114	62	99	56	72	53	258
TANDA TRANSMISSION COMPANY LTD.	111	0	56	0	0	0	259
AGRINNOVATE INDIA LTD.	111	94	0	0	0	0	260
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	92	37	92	48	93	51	261
NTPC VIDYUT VYAPAR NIGAM LTD.	79	32	97	44	83	42	262
BHARAT BHARI UDYOG NIGAM LTD.	77	2	78	3	78	4	263
BALLABGARH - GN TRANSMISSION CO. LTD.	62	0	51	0	0	0	264
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	54	51	0	0	0	0	265
CHHATTIS GARH-WR TRANSMISSION LTD.	47	0	0	0	0	0	266
SIPAT TRANSMISSION LTD.	46	0	0	0	0	0	267
MOHINDER GARH-BHIWANI TRANSMISSION LTD.	39	0	0	0	0	0	268
MILLENNIUM TELECOM LTD.	38	1	38	4	38	4	269
BEL-THALES SYSTEMS LTD.	34	30	0	0	0	0	270
RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	33	0	0	0	0	0	271
BUNDELKHAND SAUR URJA LTD.	12	0	0	0	0	0	272
ODISHA INFRAPOWER LTD.	11	0	0	0	0	0	273
REC TRANSMISSION PROJECTS CO. LTD.	10	8	5	5	0	0	274
EASTERN INVESTMENT LTD.	9	4	9	5	9	5	275
PFC GREEN ENERGY LTD.	8	2	8	5	4	3	276
IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	5	1	6	3	5	4	277
SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	0	0	0	278
PFC CAPITAL ADVISORY SERVICE LTD.	4	1	4	2	1	0	279
CHEYUR INFRA LTD.	1	0	0	0	0	0	280
TATIYA ANDHRA MEGA POWER LTD.	0	0	0	0	948	0	281
BHARAT PETRO RESOURCES JPDA	0	0	0	0	8476	0	282

**STATEMENT - 16**  
**CAPACITY UTILISATION IN MANUFACTURING CPSEs**

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2014-15	2013-14	2012-13
	<b>Product</b>					
	STEEL					
	FERRO SCRAP NIGAM LTD.					
1	Scrap & Slag	11.74	Metric Ton	11.31	11.25	10.99
				(96.34)	(95.83)	(93.61)
	MISHRA DHATU NIGAM LTD.					
2	Super Alloys, Ti and Ti Alloys , Special steels	3943.33	MT	4732	4111	4687
				(120)	(120)	(120)
	RASHTRIYA ISPAT NIGAM LTD.					
3	Bar Products	711338.18	tonnes	782472	873845	866641
				(110)	(123)	(122)
4	MMSM Products	851942.27	tonnes	826384	938777	877715
				(97)	(110)	(103)
5	Pig Iron	555293.02	tonnes	238776	327002	493267
				(43)	(59)	(89)
6	Saleable Steel	3110394.85	tonnes	3017083	3016068	2900470
				(97)	(112)	(109)
7	Wire Rods	918584.62	tonnes	955328	997710	972754
				(104)	(117)	(114)
	SAIL REFRACTORY COMPANY LTD.					
8	CALCINED PRODUCTS	11950	MT	7170	11545	9623
				(60)	(96)	(0)
9	FIRED BRICKS	15552.81	MT	13842	12669	12043
				(89)	(93)	(90)
10	MAG CARBON BRICKS	4328.85	MT	4502	4259	1398
				(104)	(99)	(33)
11	OTHERS	26000	MT	1560	7883	4277
				(6)	(28)	(15)
	STEEL AUTHORITY OF INDIA LTD.					
12	Saleable Steel	11.21	Million Tonnes	13	13	12
				(116)	(116)	(110)
	PETROLEUM (REFINERY & MARKETING)					
	BHARAT PETROLEUM CORPN. LTD.					
13	atf	NA	mt			
14	Benzene	192893.5	mt	78064	37057	50522
				(40.47)	(19.21)	(26.19)
15	bitumen	NA	mt			
16	crude oil	21.5	mmt	23.36	23.35	23.20
				(108.65)	(108.60)	(107.91)
17	furnace oil	NA	mt			
18	hsd	NA	mt			
19	ldo	NA	mt			
20	lpg	NA	mt			
21	Lubricants	248444.46	mt	287649	258112	253886
				(115.78)	(103.90)	(102.19)
22	ms	NA	mt			
23	naphtha	NA	mt			
24	others	NA	mt			
25	sko	NA	mt			

26	sulpher	117660.81	mt	93105	92446	92075
				(79.13)	(78.57)	(78.25)
27	Toluene	73108.15	mt	25215	16903	21159
				(34.49)	(23.12)	(28.95)
	GAIL (INDIA) LTD.					
28	LIQUID HYDROCARBON	1506.73	TMT	1276.805	1302.318	1376.162
				(84.74)	(86.44)	(91.34)
29	LPG Transmission	3.33	MMTPA	3.437	3.145	3.136
				(103.20)	(94.46)	(94.17)
30	Natural Gas Transmission	206.04	MMSCMD	92.10	96.22	104.90
				(44.7)	(46.7)	(49.87)
31	Petrochemicals	410.56	TMT	451.62	440.16	441.05
				(110)	(107)	(108)
	GAIL GAS LTD.					
32	Natural Gas & CNG	2664.44	MMSCM	587.51	567	470
				(22.05)	(21.30)	(18.32)
	HINDUSTAN PETROLEUM CORPN. LTD.					
33	PETROLEUM	14842.2	TMT	16178	15532	15782
				(109)	(105)	(107)
	INDIAN OIL CORPORATION LTD.					
34	Petroleum/ Petrochemical	54.19	MMT	53.59	53.13	54.65
				(98.9)	(98.0)	(100.8)
	MANGALORE REFINERY & PETROCHEMICALS LTD.					
35	PETROLEUM PRODUCTS	15	MMT	14.65	14.55	14.40
				(97.65)	(97)	(106)
	NUMALIGARH REFINERY LTD.					
36	LPG NAPHTHA MS ATF SKO HSD RPC CPC SULPHUR WAX	3	MMTPA	2.777	2.613	2.478
				(92.6)	(87.1)	(82.6)
	FERTILIZERS					
	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.					
37	Urea	510019.89	MT	359003	306071	390693
				(70.39)	(60.01)	(76.61)
	FERTILIZER CORPN. OF INDIA LTD.					
38	Nil	NA	nil	0	0	0
				(0)	(0)	(0)
	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.					
39	FACTAMPOS	124082.47	MT	120360	178792	126286
				(97)	(105)	(85)
	MADRAS FERTILIZERS LTD.					
40	AMMONIA	346522.35	MT	196894	285925	260804
				(56.82)	(82.52)	(75.27)
41	BIO FERTILIZERS	400	MT	349	147	378
				(87.25)	(36.75)	(94.50)
42	NPK COMPLEX	840181	MT	74272	44860	100125
				(8.84)	(5.34)	(11.92)
43	UREA	486764.14	MT	327933	486750	435771
				(67.37)	(100)	(89.52)
44	UREA	486754.48	MT	328900	486750	435771
				(67.57)	(100)	(89.51)
	NATIONAL FERTILIZERS LTD.					
45	Argon	NA	NM3	0	0	387305
					(0)	(0)
46	Bio Fertilizers	390.01	MT	189	218	173
				(48.46)	(55.90)	(44.36)
47	Methanol	NA	LMT	0	0	0
				(0)	(0)	(0)
48	Sulphur	NA	LMT	0	0	0.10
				(0)	(0)	(43.7)
49	Urea	35.68	LMT	36.39	36.36	32.11

				(101.99)	(101.92)	(91.9)
	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.					
50	ANP 20:20:20	271375	MT	260520	184125	135329
				(96)	(68)	(50)
51	Concentrated Nitric Acid	32924.36	MT	25681	20015	24419
				(78)	(61)	(74)
52	Methanol	72407.87	MT	64443	77660	76830
				(89)	(107)	(106)
53	Suphala 15:15:15	422138.3	MT	396810	333295	474685
				(94)	(79)	(113)
54	Urea Thal	1980009.09	MT	2178010	1993800	1951200
				(110)	(101)	(99)
55	Urea Trombay	330843.75	MT	423480	352910	384110
				(128)	(107)	(116)
	CHEMICALS & PHARMACEUTICALS					
	BENGAL CHEMICALS & PHARMACEUTICALS LTD.					
56	Chemical	6502.44	MT	5332	2518	3753
				(82)	(39)	(58)
57	Disinfectant formulation	3099.77	KL	1597	1391	1038
				(51.52)	(44.87)	(33.48)
58	Ointment	239.03	MT	43.79	13.15	34.37
				(18.32)	(5.50)	(14.38)
59	Tablets & Capsules	20	No in Crore	3.80	0.05	3.77
				(19)	(1)	(19)
	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.					
60	Capsules	1900.08	Nos	739.51	1749.62	1552.21
				(38.92)	(72.90)	(64.68)
61	Syrup	18	Liters	9.98	12.120	7.995
				(55.44)	(67.33)	(177.67)
62	Tablets	2399.89	Nos	2299.09	1749.62	1552.21
				(95.80)	(72.90)	(64.68)
63	Vials	149.78	Nos	47.33	11.25	
				(27.12)	(31.55)	(7.5)
	HINDUSTAN ANTIBIOTICS LTD.					
64	FORMULATION	13715.38	No. In Lacs	1783	2902	4873
				(13)	(17)	(32)
	HINDUSTAN FLUOROCARBONS LIMITED					
65	PTFE	504.76	MT	106	182	154
				(21)	(36)	(30)
	HINDUSTAN INSECTICIDES LTD.					
66	Various Prouduts	33504.65	MT/KL	14407	13756	15482
				(43)	(41)	(46)
	HINDUSTAN ORGANIC CHEMICALS LTD.					
67	Acetone	24668	MT	6167	6687	15203
				(25)	(27)	(62)
68	Hydrogen Peroxide	10429.87	MT	8031	9055	8963
				(77)	(87)	(86)
69	Nitrobenzene	27425	MT	1097	964	16872
				(4)	(4)	(62)
70	Nitrogen Tetroxide	590.91	MT	130	66	59
				(22)	(11)	(10)
71	Phenol	39776	MT	9944	10687	24293
				(25)	(27)	(61)
	HLL BIOTECH LTD.					
72	HIVAC	NA	VIALS	15699		
73	PENTAHIL	NA	VIALS	7496		
	INDIAN DRUGS & PHARMACEUTICALS LTD.					
74	Tablet	25464.29	Million Nos	7130	6283	5871
				(28)	(27)	(21)



	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.					
75	capsules	902.1	nos in lakhs	1290	1335	1345
				(143)	(149)	(149)
76	dry powder vials	615.05	nos in lakhs	572	505	503
				(93)	(81)	(81)
77	tablets	5992.5	nos in lakhs	7191	7587	7627
				(120)	(126)	(212)
	ORISSA DRUGS & CHEMICALS LTD.					
78	Tablets, Capsules, Injectables, ORS, Liquid Orals	3737.25	Lakhs	1906	1465	1370
				(51)	(46)	(44)
	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.					
79	CAPSULES	NA	MILLION	22	94	166
80	EYE DROPS	NA	LAC NUMBERS	1	2	2
81	LIQUIDS	NA	KILO LITRES	139	239	275
82	POWDER	NA	METRIC TONNE	35	90	156
83	TABLET	NA	MILLION	143	318	450
	HEAVY ENGINEERING					
	BHARAT HEAVY ELECTRICALS LTD.					
84	Boiler, Valves and Boiler Auxillaries	1151578.95	MT	437600	460692	770360
				(38)	(40)	(67)
85	Electrical Machines	2234.15	Nos.	916	968	1471
				(41)	(43)	(65)
86	Power Transformers	44550	MVA	18711	33717	32187
				(42)	(75)	(72)
87	Steam Turbine/Generators	19851.35	MW Completion	7345/7075	8992/14333	19217/17821
				(37/35)	(45/72)	(96/89)
88	Traction Machines	3201.67	NOS	1921	1991	2545
				(60)	(62)	(80)
	BHARAT WAGON & ENGG. CO. LTD.					
89	Railway wagons	920	VU	46	307	113
				(5)	(35)	(13)
	BHEL ELECTRICAL MACHINES LTD.					
90	ROTATING ELECTRICAL MACHINERY	621.52	KVA	491	775	482
				(79)	(115)	(62)
	BRAITHWAITE & CO. LTD.					
91	Bogie	1800.02	Nos	1514	1500	1326
				(84.11)	(83.33)	(73.67)
92	Structural	NA	MT	0	14103	12690
93	Wagon	1200	Nos	738	1383	1091
				(61.5)	(115.25)	(90.91)
	BURN STANDARD COMPANY LTD.					
94	WAGON	2280.65	NOS	707	1484	1481
				(31)	(65)	(71)
	TUNGABHADRA STEEL PRODUCTS LTD.					
95	Power generation	51.5	lakh units	10.3	17.2	4.3
				(20)	(35)	(8)
	MEDIUM & LIGHT ENGINEERING					
	ANDREW YULE & COMPANY LTD.					
96	Tea	111.7	Lac Kg	105	109	108
				(94)	(97)	(97)
	BALMER LAWRIE & CO. LTD.					
97	BARRELS AND DRUMS...	54.94	NOS LAKHS	42.30	41.91	40.03

				(77)	(92)	(94)
98	GREASES AND LUBRICANTS	0.69	MT/KL LAKHS	0.37	0.46	0.45
				(54)	(59)	(60)
99	LEATHER CHEMICALS	3039.84	MT	7782	7534	7217
				(256)	(248)	(213)
	BEL OPTRONICS DEVICES LTD.					
100	e mail	NA	e mail			
	BHARAT DYNAMICS LTD.					
101	Exempted from disclosure	NA	NA	0	0	0
				(0)	(0)	(0)
	BHARAT ELECTRONICS LTD.					
102	Not applicable	NA	0			
	CENTRAL ELECTRONICS LTD.					
103	Axle Counters	2500	Nos.	855	876	529
				(34.20)	(35.04)	(21.16)
104	Phase Shifters	39997.91	Nos.	38210	36855	29977
				(95.53)	(92.14)	(74.94)
105	PIEZO Elements	5	Nos. in lakhs	2.07	3.02	3.00
				(41.40)	(60.40)	(60.00)
106	Solar PV Modules	14740.12	KW	3545	1580	1214
				(24.05)	(26.33)	(20.23)
	ELECTRONICS CORPN. OF INDIA LTD.					
107	NA	NA	lakhs	126983	137397	167789
				(0)	(0)	(0)
	HINDUSTAN CABLES LTD.					
108	PIJF and OF cables	NA	LCKM and FKM	0	0	0
				(0)	(0)	(0)
	HMT BEARINGS LTD.					
109	NA	NA	NA	0	0	0
				(0)	(0)	(0)
	HMT MACHINE TOOLS LTD.					
110	Machine Tools	800	No	480	379	573
				(60)	(45)	(60)
	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.					
111	Electronic Milk Analysers	4510.4	Nos.	9111	7464	7006
				(202)	(166)	(156)
112	Solar Photovoltaic Modules/Systems	19159.57	Kwp	9005	7307	5311
				(47)	(38)	(76)
	RICHARDSON & CRUDDAS(1972) LTD.					
113	Fabrication & Erection work at Chennai	4832.76	Metric Tonnes	2803	4760	14250
				(58)	(91)	(297)
114	Fabrication & Galvanizing at Nagpur	8500	Metric Tonnes	1105	1174	1413
				(13)	(14)	(17)
115	Fabrication & Pressing at Mulund Works	2985.11	Metric Tonnes	1403	3445	4023
				(47)	(116)	(136)
116	Fabrication at Byculla Unit	14958.33	Metric Tonnes	359	415	2014
				(2.4)	(3)	(13)
	SCOOTERS INDIA LTD.					
117	THREE WHEELER	16500.7	NOS	13057	14584	15807
				(79.13)	(88.39)	(95.80)
	VIGNYAN INDUSTRIES LTD.					
118	Steel Castings	10181.82	MTs	2240	2326	1974
				(22)	(23)	(19)
	TRANSPORTATION EQUIPMENT BEML LTD.					
119	BEML HMV	NA	No	18	50	153
120	Def aggregates	NA	No	348	249	249

121	EM Equipment	NA	No	692	843	646
122	Others	NA	No			
123	Railway Products	NA	No	380	703	781
	COCHIN SHIPYARD LTD.					
124	SHIP BUILDING	150189.32	DWT	154695	153819	158913
				(103)	(103)	(106)
125	SHIP REPAIR	NA	Rs Lakhs	19595	22788	28657
	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.					
126	DECK MACHINERY AND PUMP	125	NO	45	57	72
				(36)	(46)	(58)
127	DIESEL ENGINE	86.67	NO	13	1	8
				(15)	(1)	(9)
128	GENERAL ENGG	3627.27	MT	3591	2676	2912
				(99)	(74)	(81)
129	SHIP BUILDING	3232.43	TON	3588	3370	3704
				(111)	(104)	(115)
130	SHIP REPAIR	NA	TON			
131	TRADE GOODS BASE AND DEPOT SPARES OF SHIPS	NA	NO			
	GOA SHIPYARD LTD.					
132	Shipbuilding, Ship Repair & General Engineering Se	0.99	Standard Ship Unit (SSU)	0.861	0.969	5.30
				(86.78)	(97.66)	(90.54)
	HINDUSTAN AERONAUTICS LTD.					
133	Manufacture of Aircraft and Helicopter	277.48	Standard Man hours	305.23	337.31	328.70
				(110)	(122)	(116)
	HINDUSTAN SHIPYARD LTD.					
134	Ship building	75651.06	DWT	35556	38378	49458
				(47)	(51)	(66)
	HOOGHLY DOCK AND PORT ENGINEERS LTD.					
135	Ship building and Ship repair	NA	Piece	295	0	511
				(0)	(0)	(0)
	CONSUMER GOODS					
	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA					
136	Aids and Appliances	NA	Number	315704	403401	350226
				(0)	(0)	(0)
	CEMENT CORPN. OF INDIA LTD.					
137	Cement	3898056.46	MT	952685	836265	708005
				(24.44)	(21.45)	(18.16)
	HINDUSTAN NEWSPRINT LTD.					
138	newsprint	99986.27	MT	101986	103360	103282
				(102)	(103.36)	(103.28)
	HINDUSTAN PAPER CORPORATION LTD.					
139	Writing and Printing Paper	NA	MT		144057	138962
					(72.03)	(69.48)
	HINDUSTAN SALTS LTD.					
140	Bromine	911.76	MT	310	294	280
				(34)	(33)	(31)
141	Common Salt	NA	MT	6578	1440	1881
				(0)	(0)	(0)
	HLL LIFECARE LTD.					
142	Blood Bags	12.5	MPCS	12.52	11.05	7.62
				(100.14)	(92.08)	(66.33)
143	Condoms	1800.99	MPCS	1819	1638	1629

				(101)	(101.36)	(101.89)
144	Copper T	5.49	MPCS	4.87	5.12	3.75
				(88.63)	(93.09)	(68.19)
145	Pregnancy Test Cards	26	MPCS	13.67	17.75	19.14
				(52.58)	(68.27)	(73.62)
146	Steroidal OCP	98.66	MPCS	41.25	32.25	46.23
				(41.81)	(32.69)	(46.86)
147	Sutures	5.98	LDoz	1.74	1.42	1.33
				(29.12)	(63.11)	(106.40)
	NEPA LTD.					
148	NEWS PRINT	88338.24	MT	30035	43110	50055
				(34)	(49)	(57)
	SAMBHAR SALTS LTD.					
149	Common Salt	NA	MT	185064	180459	168649
150	PROCESS SALT	NA	MT	34497	38296	41869
	SECURITY PRINTING & MINTING CORPN. INDIA LTD.					
151	Bank Note	6581.1	mpcs	8358	8018	7421
				(127)	(121)	(112)
152	Circulation Coins	6607.5	mpcs	7929	7650	6708
				(120)	(116)	(101)
153	Non-Judicial Stamp Paper	320.93	mpcs	414	411	406
				(129)	(128)	(127)
154	Passports & Allied Booklets	12.5	mpcs	10.67	6.30	5.69
				(85.36)	(50)	(45.55)
155	Security Paper	2996.33	MT	3266	3240	2925
				(109)	(108)	(98)

NOTE : FIGURE APPEARING AS "ZERO" AND "NA" RELATE TO THE INFORMATION IS NOT AVAILABLE

## STATEMENT - 17

### EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSEs

(₹ in Crores)

S. No.	CPSE	R&D as % of Sales					
		2014-15	2013-14	2012-13	2014-15	2013-14	2012-13
1	AIRPORTS AUTHORITY OF INDIA	9.87	5.41	7.39	0.11	0.07	0.11
2	ANDREW YULE & COMPANY LTD.	0	0.14	0.1	0	0.04	0.03
3	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0.35	0.33	0.37	0.22	0.2	0.28
4	BALMER LAWRIE & CO. LTD.	7.62	6.09	5.85	0.28	0.23	0.23
5	BEL OPTRONICS DEVICES LTD.	0.5	0.19	0.34	0.49	0.11	0.23
6	BEML LTD.	82.92	86.23	94.36	2.95	2.96	3.36
7	BHARAT DYNAMICS LTD.	22.72	19.89	19.28	0.82	1.12	1.8
8	BHARAT ELECTRONICS LTD.	0	467.01	509.86	0	7.44	8.35
9	BHARAT HEAVY ELECTRICALS LTD.	1018.59	1113.79	1251.92	3.37	2.85	2.59
10	BHARAT PETROLEUM CORPN. LTD.	40.73	36.82	34.66	0.02	0.01	0.01
11	BHARAT PUMPS & COMPRESSORS LTD.	0	0.01	0.03	0	0.01	0.03
12	BHARAT SANCHAR NIGAM LTD.	75.22	71.12	69.99	0.28	0.27	0.27
13	BRIDGE & ROOF CO.(INDIA) LTD.	0.5	0.67	0.41	0.03	0.05	0.03
14	BROADCAST ENGG. CONSULTANTS INDIA LTD.	0	0	0.01	0	0	0.02
15	BURN STANDARD COMPANY LTD.	0	0	10.21	0	0	4.92
16	CENTRAL COALFIELDS LTD.	10.4	0	0	0.11	0	0
17	CENTRAL ELECTRONICS LTD.	0	4.62	0	0	2.87	0
18	CENTRAL WAREHOUSING CORPN.	0.1	0.43	42.73	0.01	0.03	3.25
19	CHENNAI PETROLEUM CORPORATION LTD.	6.49	7.36	4.2	0.02	0.01	0.01
20	COAL INDIA LTD.	0	0	11.22	0	0	3.19
21	COCHIN SHIPYARD LTD.	0.97	1.83	1.4	0.05	0.11	0.09
22	CONTAINER CORPORATION OF INDIA LTD.	1.09	1.05	0	0.02	0.02	0
23	COTTON CORPN. OF INDIA LTD.	0	0.15	0	0	0	0
24	ELECTRONICS CORPN. OF INDIA LTD.	23.2	47.43	44.74	1.83	3.41	2.67
25	ENGINEERS INDIA LTD.	17.68	20.93	16.07	1.03	1.11	0.66
26	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	0.36	0.43	0.28	0.44	0.49	0.38
27	FERRO SCRAP NIGAM LTD.	0.23	0.24	0.08	0.09	0.11	0.04
28	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	0.94	0.72	0.72	0.05	0.03	0.03
29	GAIL (INDIA) LTD.	17.01	28.45	12.91	0.03	0.05	0.03
30	GAIL GAS LTD.	0	0.15	5771.93	0	0.02	794.92
31	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	3.52	2.92	0.57	0.22	0.18	0.04
32	GOA SHIPYARD LTD.	6.47	0.24	3.22	0.85	0.05	0.63
33	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0.54	0	0	0.02	0
34	HEAVY ENGINEERING CORPN. LTD.	0.76	0	0.62	0.21	0	0.09
35	HINDUSTAN ANTIBIOTICS LTD.	1.02	0.89	0.96	6.31	3.25	2.03
36	HINDUSTAN CABLES LTD.	0.56	0.43	0.37	0	0	528.57
37	HINDUSTAN COPPER LTD.	2.85	0.13	0.05	0.28	0.01	0
38	HINDUSTAN INSECTICIDES LTD.	0	1.33	1	0	0.44	0.36
39	HINDUSTAN NEWSPRINT LTD.	0.53	0	0	0.16	0	0
40	HINDUSTAN PETROLEUM CORPN. LTD.	129.87	100.62	57.9	0.06	0.05	0.03
41	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0.91	0	0	26.76
42	HINDUSTAN SALTS LTD.	0.02	0	0.01	0.29	0	0.12
43	HLL BIOTECH LTD.	3.99	0	0	346.96	0	0
44	HLL BIOTECH LTD.	3.99	0	0	346.96	0	0

45	HLL LIFECARE LTD.	9.55	9.72	0.21	0.9	1.03	0.03
46	HMT LTD.	2.85	2.31	1.57	4.73	2.94	1.58
47	HMT MACHINE TOOLS LTD.	0	1.77	0	0	1.11	0
48	HMT WATCHES LTD.	0	0.35	0.35	0	4.67	3.57
49	HOUSING & URBAN DEV. CORPN. LTD.	2.15	0	3.15	0.06	0	0.11
50	HSCC (INDIA) LTD.	0	0	0.06	0	0	0.18
51	I T I LTD.	12.94	17.23	17.75	2.25	2.43	2.1
52	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	0	0	0.01	0	0	0.03
53	INDIAN OIL CORPORATION LTD.	169.31	174.4	167.66	0.04	0.04	0.04
54	INDIAN OIL-CREDA BIOFUELS LTD.	0	0	0.01	0	0	0.55
55	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0.06	0.02	0.03	0.01	0	0
56	INDIAN RARE EARTHS LTD.	2.33	1.6	1.71	0.57	0.4	0.32
57	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	0	0	1.17	0	0	0.16
58	INSTRUMENTATION LTD.	0	0.02	0.01	0	0.01	0.01
59	IRCON INTERNATIONAL LTD.	0	0.96	2.42	0	0.02	0.06
60	KAMARAJAR PORT LTD.	1.09	1.38	0.61	0.19	0.27	0.19
61	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0.27	0.27	0.58	0.11	0.12	0.27
62	MANGALORE REFINERY & PETROCHEMICALS LTD.	5	0.89	0.47	0.01	0	0
63	MAZAGON DOCK SHIPBUILDERS LTD.	57.88	47.56	0	1.6	1.65	0
64	MECON LTD.	1.14	1.08	0.97	0.26	0.29	0.17
65	MINERAL EXPLORATION CORPN. LTD.	0.39	0.28	0.16	0.15	0.15	0.1
66	MISHRA DHATU NIGAM LTD.	8.45	7.97	6.87	1.31	1.44	1.24
67	MOIL LTD.	6	9.19	8.29	0.73	0.9	0.86
68	NATIONAL ALUMINIUM COMPANY LTD.	7.31	13.87	18.92	0.1	0.2	0.27
69	NATIONAL BLDG. CONSTN. CORPN. LTD.	0	1.04	0.44	0	0.03	0.01
70	NATIONAL SEEDS CORPN. LTD.	0.11	0	0.63	0.01	0	0.09
71	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0.16	0	0	0.01
72	NEPA LTD.	0	0.98	0.9	0	0.7	0.68
73	NEYVELI LIGNITE CORPN. LTD.	13.16	14.34	12.18	0.22	0.24	0.22
74	NHDC LTD.	0.03	0.1	3.23	0	0.01	0.29
75	NHPC LTD.	3.89	4.78	13.88	0.06	0.09	0.27
76	NMDC Ltd.	18.49	17	13.43	0.15	0.14	0.13
77	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1.26	1.53	1.33	0.08	0.12	0.1
78	NORTHERN COALFIELDS LTD.	14.15	0.24	0	0.15	0	0
79	NTPC LTD.	129.56	134.34	101.96	0.18	0.19	0.16
80	NUCLEAR POWER CORPN. OF INDIA LTD.	4.89	79.41	39.63	0.05	0.95	0.5
81	NUMALIGARH REFINERY LTD.	0	0	1.02	0	0	0.01
82	OIL & NATURAL GAS CORPORATION LTD.	0	529.61	538.18	0	0.63	0.65
83	OIL INDIA LTD.	71.11	38.75	37.4	0.73	0.4	0.38
84	P E C LTD.	0	0.16	0.5	0	0	0
85	POWER GRID CORPORATION OF INDIA LTD.	0	45.75	1.07	0	0.3	0.01
86	POWER SYSTEM OPERATION CORPORATION LTD.	0	0.1	0	0	0.05	0
87	PROJECTS & DEVELOPMENT INDIA LTD.	0.98	1.78	0.68	2.12	3.05	1
88	RAIL VIKAS NIGAM LTD.	1.03	1.24	0	0.03	0.05	0
89	RAILTEL CORPORATION INDIA LTD.	1	1	0	0.21	0.22	0
90	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2.34	2.49	2.97	1.05	1.16	1.25
91	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	3.9	3.52	0	0.06	0.05
92	RASHTRIYA ISPAT NIGAM LTD.	0	0	31.13	0	0	0.26
93	rites LTD.	0	0	2.92	0	0	0.31
94	RURAL ELECTRIFICATION CORPN. LTD.	0	0.22	0	0	0	0
95	SAMBHAR SALTS LTD.	5.56	0	0.03	29.36	0	0.18



96	SCOOTERS INDIA LTD.	0.09	0.09	0.11	0.06	0.05	0.06
97	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	0.98	2.73	3.07	0.02	0.07	0.08
98	SJVN LTD.	1.92	4.97	6.2	0.07	0.27	0.37
99	STEEL AUTHORITY OF INDIA LTD.	0	147.63	147.63	0	0.32	0.33
100	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0.05	0.1	0	0.01	0.01
101	THDC INDIA LTD.	1.54	2.41	3.97	0.06	0.11	0.2
102	URANIUM CORPORATION OF INDIA LTD.	0	4.56	4.18	0	0.57	0.51
103	WAPCOS LTD.	0	0	0.26	0	0	0.05
	<b>TOTAL :</b>	<b>2049.88</b>	<b>3360.66</b>	<b>9182.36</b>	<b>762.15</b>	<b>55.09</b>	<b>1406.17</b>

## STATEMENT - 18

### COMPONENT OF INTERNAL RESOURCES OF CPSEs GENERATED DURING 2014-15

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
	<b>AGRO BASED INDUSTRIES</b>					
1	NATIONAL SEEDS CORPN. LTD.	2051	0	2933	-1804	3180
	<b>SUB TOTAL :</b>	<b>2051</b>	<b>0</b>	<b>2933</b>	<b>-1804</b>	<b>3180</b>
	<b>COAL</b>					
2	BHARAT COKING COAL LTD.	21133	165	76314	2708	100320
3	CENTRAL COALFIELDS LTD.	30946	309	134402	-5416	160241
4	COAL INDIA LTD.	717	0	29588	0	30305
5	EASTERN COALFIELDS LTD.	22390	2089	113940	41904	180323
6	SOUTH EASTERN COALFIELDS LTD.	61513	134	-36664	-23228	1755
7	WESTERN COALFIELDS LTD.	23521	86	8748	-5634	26721
	<b>SUB TOTAL :</b>	<b>160220</b>	<b>2783</b>	<b>326328</b>	<b>10334</b>	<b>499665</b>
	<b>CRUDE OIL</b>					
8	OIL & NATURAL GAS CORPORATION LTD.	2179042	19036	797960	120711	3116749
9	OIL INDIA LTD.	73264	24994	106535	36500	241293
10	ONGC VIDESH LTD.	595822	0	190422	-53693	732551
11	PRIZE PETROLEUM COMPANY LTD.	34	0	208	-5	237
	<b>SUB TOTAL :</b>	<b>2848162</b>	<b>44030</b>	<b>1095125</b>	<b>103513</b>	<b>4090830</b>
	<b>OTHER MINERALS &amp; METALS</b>					
12	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	36	0	2414	81	2531
13	HINDUSTAN COPPER LTD.	11285	14	5089	-1878	14510
14	KIOCL LTD.	3209	0	2320	1686	7215
15	MOIL LTD.	4508	0	25666	2873	33047
16	NATIONAL ALUMINIUM COMPANY LTD.	41366	0	78065	24968	144399
17	NMDC Ltd.	16223	0	235239	-424	251038
18	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	870	0	1451	0	2321
19	URANIUM CORPORATION OF INDIA LTD.	8186	0	621	-910	7897
	<b>SUB TOTAL :</b>	<b>85683</b>	<b>14</b>	<b>350865</b>	<b>26396</b>	<b>462958</b>
	<b>STEEL</b>					
20	FERRO SCRAP NIGAM LTD.	967	0	1299	-178	2088
21	MISHRA DHATU NIGAM LTD.	979	0	5705	903	7587
22	RASHTRIYA ISPAT NIGAM LTD.	27063	0	3196	4097	34356
23	SAIL REFRACTORY COMPANY LTD.	191	0	1845	0	2036
24	STEEL AUTHORITY OF INDIA LTD.	177328	0	110179	28276	315783
	<b>SUB TOTAL :</b>	<b>206528</b>	<b>0</b>	<b>122224</b>	<b>33098</b>	<b>361850</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>					
25	BHARAT PETROLEUM CORPN. LTD.	251602	0	316330	34736	602668
26	GAIL (INDIA) LTD.	96817	609	212453	78735	388614
27	GAIL GAS LTD.	1223	0	1684	645	3552
28	HINDUSTAN PETROLEUM CORPN. LTD.	197876	0	173473	43277	414626
29	INDIAN OIL CORPORATION LTD.	452866	0	334436	159739	947041
30	NUMALIGARH REFINERY LTD.	17290	0	36415	-4768	48937
	<b>SUB TOTAL :</b>	<b>1017674</b>	<b>609</b>	<b>1074791</b>	<b>312364</b>	<b>2405438</b>
	<b>FERTILIZERS</b>					
31	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3494	0	64612	132	68238
32	FERTILIZER CORPN. OF INDIA LTD.	55	0	19098	0	19153

33	NATIONAL FERTILIZERS LTD.	7256	0	1620	768	9644
34	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	21148	4664	20254	-6027	40039
<b>SUB TOTAL :</b>		<b>31953</b>	<b>4664</b>	<b>105584</b>	<b>-5127</b>	<b>137074</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>					
35	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	91	0	155	42	288
36	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	51	0	180	0	231
37	HINDUSTAN INSECTICIDES LTD.	502	0	160	0	662
38	HLL BIOTECH LTD.	47	0	-7	-4	36
39	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	71	0	-14	-13	44
40	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	338	0	879	13	1230
41	ORISSA DRUGS & CHEMICALS LTD.	8	0	135	0	143
<b>SUB TOTAL :</b>		<b>1108</b>	<b>0</b>	<b>1488</b>	<b>38</b>	<b>2634</b>
	<b>HEAVY ENGINEERING</b>					
42	BHARAT BHARI UDYOG NIGAM LTD.	1	0	92	0	93
43	BHARAT HEAVY ELECTRICALS LTD.	107732	0	107805	-23035	192502
<b>SUB TOTAL :</b>		<b>107733</b>	<b>0</b>	<b>107897</b>	<b>-23035</b>	<b>192595</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>					
44	ANDREW YULE & COMPANY LTD.	626	0	895	-4	1517
45	BALMER LAWRIE & CO. LTD.	2634	0	8541	366	11541
46	BEL OPTRONICS DEVICES LTD.	876	0	367	65	1308
47	BHARAT DYNAMICS LTD.	6929	0	31788	-3635	35082
48	BHARAT ELECTRONICS LTD.	15396	0	88626	-3830	100192
49	CENTRAL ELECTRONICS LTD.	360	0	406	0	766
50	ELECTRONICS CORPN. OF INDIA LTD.	2604	0	3810	-1436	4978
51	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	175	0	1200	-25	1350
52	SCOOTERS INDIA LTD.	202	0	1109	0	1311
<b>SUB TOTAL :</b>		<b>29802</b>	<b>0</b>	<b>136742</b>	<b>-8499</b>	<b>158045</b>
	<b>TRANSPORTATION EQUIPMENT</b>					
53	BEML LTD.	5214	0	175	-133	5256
54	COCHIN SHIPYARD LTD.	4115	0	21462	-1457	24120
55	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2711	0	1364	83	4158
56	GOA SHIPYARD LTD.	898	0	5933	-3557	3274
57	HINDUSTAN AERONAUTICS LTD.	80606	0	181208	-4087	257727
58	HOOGHLY DOCK AND PORT ENGINEERS LTD.	51	0	248	0	299
59	MAZAGON DOCK SHIPBUILDERS LTD.	3086	0	37160	-231	40015
<b>SUB TOTAL :</b>		<b>96681</b>	<b>0</b>	<b>247550</b>	<b>-9382</b>	<b>334849</b>
	<b>CONSUMER GOODS</b>					
60	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	155	0	3165	0	3320
61	CEMENT CORPN. OF INDIA LTD.	626	0	4008	0	4634
62	HLL LIFECARE LTD.	2983	0	2689	-65	5607
63	HOOGHLY PRINTING COMPANY LTD.	33	0	7	-5	35
<b>SUB TOTAL :</b>		<b>3797</b>	<b>0</b>	<b>9869</b>	<b>-70</b>	<b>13596</b>
	<b>TEXTILES</b>					
64	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	172	0	-49	0	123
<b>SUB TOTAL :</b>		<b>172</b>	<b>0</b>	<b>-49</b>	<b>0</b>	<b>123</b>
	<b>POWER GENERATION</b>					
65	KANTI BIJLEE UTPADAN NIGAM LTD.	3091	0	1724	0	4815
66	NEYVELI LIGNITE CORPN. LTD.	44062	0	101298	5280	150640
67	NHDC LTD.	25440	0	48773	1047	75260
68	NHPC LTD.	142587	0	132578	4377	279542
69	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	14638	0	20362	1541	36541

70	NTPC LTD.	491165	0	781208	-7065	1265308
71	NUCLEAR POWER CORPN. OF INDIA LTD.	72115	0	143342	-712	214745
72	REC POWER DISTRIBUTION CO. LTD.	11	0	3417	-85	3343
73	SJVN LTD.	64100	0	115269	-5861	173508
74	THDC INDIA LTD.	48386	0	52265	-13686	86965
<b>SUB TOTAL :</b>		<b>905595</b>	<b>0</b>	<b>1400236</b>	<b>-15164</b>	<b>2290667</b>
	<b>POWER TRANSMISSION</b>					
75	NTPC ELECTRIC SUPPLY COMPANY LTD.	12	0	126	0	138
76	POWER GRID CORPORATION OF INDIA LTD.	508541	0	372529	2922	883992
77	REC TRANSMISSION PROJECTS CO. LTD.	2	0	3609	0	3611
<b>SUB TOTAL :</b>		<b>508555</b>	<b>0</b>	<b>376264</b>	<b>2922</b>	<b>887741</b>
	<b>TRADING &amp; MARKETING</b>					
78	ANTRIX CORPORATION LTD.	89	0	15561	2425	18075
79	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	111	0	71	78	260
80	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	898	0	656	136	1690
81	CENTRAL WAREHOUSING CORPN.	3367	0	13876	1571	18814
82	COTTON CORPN. OF INDIA LTD.	260	0	1657	-216	1701
83	FOOD CORPN. OF INDIA	7774	0	0	0	7774
84	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	107	0	298	-106	299
85	HMT (INTERNATIONAL) LTD.	15	0	35	2	52
86	INDIA TRADE PROMOTION ORGANISATION	566	0	20785	0	21351
87	KARNATAKA TRADE PROMOTION ORGANISATION	65	0	1246	0	1311
88	M M T C LTD.	713	1069	1782	-174	3390
89	M S T C LTD.	-128	0	6906	4048	10826
90	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	49	0	1925	69	2043
91	NTPC VIDYUT VYAPAR NIGAM LTD.	17	0	1961	-3	1975
92	STATE TRADING CORPN. OF INDIA LTD.	2002	0	2619	0	4621
93	TAMIL NADU TRADE PROMOTION ORGANISATION	844	0	2343	0	3187
94	THE JUTE CORPN. OF INDIA LTD.	12	0	1055	41	1108
<b>SUB TOTAL :</b>		<b>16761</b>	<b>1069</b>	<b>72776</b>	<b>7871</b>	<b>98477</b>
	<b>TRANSPORT SERVICES</b>					
95	AIR INDIA AIR TRANSPORT SERVICES LTD.	2000	0	6759	0	8759
96	AIR INDIA CHARTERS LTD.	23352	0	-6103	0	17249
97	AIRPORTS AUTHORITY OF INDIA	140873	0	149143	-41525	248491
98	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	244	0	887	0	1131
99	CONCOR AIR LTD.	104	0	1134	-75	1163
100	CONTAINER CORPORATION OF INDIA LTD.	37269	0	73366	-5420	105215
101	DREDGING CORPN. OF INDIA LTD.	9214	0	5230	0	14444
102	KAMARAJAR PORT LTD.	1805	0	22138	0	23943
103	PAWAN HANS LTD.	7652	0	2947	1407	12006
104	SHIPPING CORPORATION OF INDIA LTD.	77015	0	20093	0	97108
<b>SUB TOTAL :</b>		<b>299528</b>	<b>0</b>	<b>275594</b>	<b>-45613</b>	<b>529509</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>					
105	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	137	0	4823	0	4960
106	BRIDGE & ROOF CO.(INDIA) LTD.	1320	0	1035	-192	2163
107	HINDUSTAN PREFAB LTD.	39	0	528	0	567
108	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	0	0	198	7	205
109	IRCON INFRASTRUCTURE & SERVICES LTD.	247	0	1093	605	1945
110	IRCON INTERNATIONAL LTD.	919	87	36048	2706	39760
111	KONKAN RAILWAY CORPORATION LTD.	6972	0	3939	0	10911

112	MINERAL EXPLORATION CORPN. LTD.	534	0	4510	-345	4699
113	MUMBAI RAILWAY VIKAS CORPORATION LTD.	360	0	3657	0	4017
114	NATIONAL BLDG. CONSTN. CORPN. LTD.	234	0	19786	383	20403
115	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	64	0	1359	-859	564
116	RAIL VIKAS NIGAM LTD.	512	0	14090	0	14602
<b>SUB TOTAL :</b>		<b>11338</b>	<b>87</b>	<b>91066</b>	<b>2305</b>	<b>104796</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH. CONSULTANCY SERVICES</b>					
117	AGRINNOVATE INDIA LTD.	15	0	289	5	309
118	BROADCAST ENGG. CONSULTANTS INDIA LTD.	238	0	-139	118	217
119	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1032	0	2504	-484	3052
120	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	49	0	335	-1	383
121	EdCIL(India) Ltd.	36	0	268	-103	201
122	ENGINEERING PROJECTS (INDIA) LTD.	100	0	1857	-23	1934
123	ENGINEERS INDIA LTD.	1963	0	10649	-90	12522
124	HSCC (INDIA) LTD.	69	0	1861	-69	1861
125	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	835	0	5255	-341	5749
126	NATIONAL SMALL INDUSTRIES CORPN. LTD.	392	105	6811	-349	6959
127	PFC CAPITAL ADVISORY SERVICE LTD.	2	0	185	1	188
128	PFC CONSULTING LTD.	34	0	2170	11	2215
129	POWER SYSTEM OPERATION CORPORATION LTD.	794	0	2414	-295	2913
130	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	22	2	24
131	MITES INFRASTRUCTURE SERVICES LTD.	2	0	10	5	17
132	MITES LTD.	2648	0	23163	1365	27176
133	SOLAR ENERGY CORPORATION OF INDIA	39	0	1060	132	1231
134	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1475	0	1827	-365	2937
135	WAPCOS LTD.	330	0	5307	-502	5135
<b>SUB TOTAL :</b>		<b>10053</b>	<b>105</b>	<b>65848</b>	<b>-983</b>	<b>75023</b>
	<b>TOURIST SERVICES</b>					
136	DONYI POLO ASHOK HOTEL LTD.	9	0	-3	-4	2
137	INDIA TOURISM DEV. CORPN. LTD.	1026	0	1373	-442	1957
138	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2032	0	9918	0	11950
139	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	39	0	5	-3	41
<b>SUB TOTAL :</b>		<b>3106</b>	<b>0</b>	<b>11293</b>	<b>-449</b>	<b>13950</b>
	<b>FINANCIAL SERVICES</b>					
140	BALMER LAWRIE INVESTMENTS LTD.	0	0	794	0	794
141	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	0	0	141	0	141
142	DELHI POLICE HOUSING CORPORATION LTD.	0	0	109	0	109
143	E. C. G. C. LTD.	724	0	12227	-93	12858
144	HOUSING & URBAN DEV. CORPN. LTD.	528	0	65713	357	66598
145	INDIA INFRASTRUCTURE FINANCE CO. LTD.	215	0	41437	2256	43908
146	INDIAN RAILWAY FINANCE CORPORATION LTD.	44	0	57590	74877	132511
147	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	548	0	20644	-209	20983
148	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	2	0	642	-84	560
149	KUMARAKRUPPA FRONTIER HOTELS LTD.	2	0	72	13	87
150	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	16	0	3734	0	3750
151	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	10	0	959	0	969
152	NATIONAL MINORITIES DEVPT. & FINANCE CORPORATION	62	0	3439	0	3501
153	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	16	0	886	0	902

154	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	52	0	3614	0	3666
155	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	37	0	2209	0	2246
156	PFC GREEN ENERGY LTD.	4	0	1891	5	1900
157	POWER FINANCE CORPORATION LTD.	609	0	451787	-8398	443998
158	RURAL ELECTRIFICATION CORPN. LTD.	676	0	399112	-6599	393189
<b>SUB TOTAL :</b>		<b>3545</b>	<b>0</b>	<b>1067000</b>	<b>62125</b>	<b>1132670</b>
	<b>TELECOMMUNICATION SERVICES</b>					
159	BHARAT BROADBAND NETWORK LTD.	365	0	-29	-29	307
160	MILLENNIUM TELECOM LTD.	0	0	13	0	13
161	RAILTEL CORPORATION INDIA LTD.	8985	0	10051	-205	18831
<b>SUB TOTAL :</b>		<b>9350</b>	<b>0</b>	<b>10035</b>	<b>-234</b>	<b>19151</b>
<b>GRAND TOTAL :</b>		<b>6359395</b>	<b>53361</b>	<b>6951459</b>	<b>450606</b>	<b>13814821</b>



## STATEMENT - 19

### INTERNAL RESOURCES UTILIZED AS % OF FIXED ASSETS AS ON 31.3.2015

(₹ in Lakhs)

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	30844	13842	44.88
2	AIR INDIA CHARTERS LTD.	475858	255252	53.64
3	AIRLINE ALLIED SERVICES LTD.	418	225	53.83
4	AIRPORTS AUTHORITY OF INDIA	2148564	194396	9.05
5	ANDREW YULE & COMPANY LTD.	26386	12691	48.1
6	ANTRIX CORPORATION LTD.	1882	400	21.25
7	ASSAM ASHOK HOTEL CORPN. LTD.	508	452	88.98
8	BALLABGARH - GN TRANSMISSION CO. LTD.	62	5	8.06
9	BALMER LAWRIE & CO. LTD.	61076	2850	4.67
10	BEL Optronics DEVICES LTD.	33004	1832	5.55
11	BEML LTD.	141797	45570	32.14
12	BHARAT BROADBAND NETWORK LTD.	15862	6000	37.83
13	BHARAT COKING COAL LTD.	568849	465700	81.87
14	BHARAT DYNAMICS LTD.	108231	11500	10.63
15	BHARAT ELECTRONICS LTD.	262492	8000	3.05
16	BHARAT HEAVY ELECTRICALS LTD.	1310657	55052	4.2
17	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4543	4318	95.05
18	BHARAT PETROLEUM CORPN. LTD.	4947531	1246009	25.18
19	BHARAT PUMPS & COMPRESSORS LTD.	10460	5753	55
20	BHARAT SANCHAR NIGAM LTD.	17236688	1255619	7.28
21	BHARAT WAGON & ENGG. CO. LTD.	2313	2286	98.83
22	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	500478	488420	97.59
23	BHARTIYA RAIL BIJLEE CO. LTD.	489013	458278	93.71
24	BHEL ELECTRICAL MACHINES LTD.	1100	1050	95.45
25	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	301	100	33.22
26	BRAHMAPUTRA CRACKERS & POLYMER LTD.	598992	329708	55.04
27	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	114350	49721	43.48
28	BRAITHWAITE & CO. LTD.	6762	3132	46.32
29	BRIDGE & ROOF CO.(INDIA) LTD.	26611	5499	20.66
30	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2036	137	6.73
31	BURN STANDARD COMPANY LTD.	54164	21754	40.16
32	CENTRAL COALFIELDS LTD.	604295	94000	15.56
33	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2576	1085	42.12
34	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	23291	1904	8.17
35	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	20245	10134	50.06
36	CENTRAL WAREHOUSING CORPN.	169464	6802	4.01
37	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	430	100	23.26
38	CHENNAI PETROLEUM CORPORATION LTD.	900711	114900	12.76
39	CHHATTIS GARH-WR TRANSMISSION LTD.	47	0	0
40	CHHATTISHGARH SURGUJA POWER LTD.	5052	4776	94.54
41	COASTAL KARNATAKA POWER LTD.	387	165	42.64
42	COASTAL TAMIL NADU POWER LTD.	6769	5	0.07
43	COCHIN SHIPYARD LTD.	64962	23628	36.37
44	CONTAINER CORPORATION OF INDIA LTD.	549238	19497	3.55
45	COTTON CORPN. OF INDIA LTD.	8968	2500	27.88

46	DEOGHAR MEGA POWER LTD.	608	482	79.28
47	DONYI POLO ASHOK HOTEL LTD.	180	100	55.56
48	DREDGING CORPN. OF INDIA LTD.	305220	95111	31.16
49	EASTERN COALFIELDS LTD.	696476	443375	63.66
50	EdCIL(India) Ltd.	1058	200	18.9
51	ELECTRONICS CORPN. OF INDIA LTD.	32935	16337	49.6
52	ENGINEERS INDIA LTD.	45820	16847	36.77
53	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1032	733	71.03
54	FERRO SCRAP NIGAM LTD.	18295	200	1.09
55	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	149343	80856	54.14
56	GAIL (INDIA) LTD.	4574928	908297	19.85
57	GAIL GAS LTD.	52248	43111	82.51
58	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	57502	14534	25.28
59	GOA SHIPYARD LTD.	30262	5287	17.47
60	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1828	1382	75.6
61	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	272	10	3.68
62	HINDUSTAN AERONAUTICS LTD.	523902	48628	9.28
63	HINDUSTAN COPPER LTD.	171731	46261	26.94
64	HINDUSTAN FLUOROCARBONS LIMITED	7634	3994	52.32
65	HINDUSTAN INSECTICIDES LTD.	15628	10497	67.17
66	HINDUSTAN NEWSPRINT LTD.	48154	10270	21.33
67	HINDUSTAN ORGANIC CHEMICALS LTD.	65046	61345	94.31
68	HINDUSTAN PETROLEUM CORPN. LTD.	5164934	1519484	29.42
69	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	71577	44439	62.09
70	HLL LIFECARE LTD.	49835	28507	57.2
71	HMT (INTERNATIONAL) LTD.	833	72	8.64
72	HOOGHLY PRINTING COMPANY LTD.	643	133	20.68
73	HPCL RAJASTHAN REFINERY LTD.	2760	5	0.18
74	HSCC (INDIA) LTD.	1265	829	65.53
75	I T I LTD.	372325	108156	29.05
76	INDIA TOURISM DEV. CORPN. LTD.	15632	8581	54.89
77	INDIA TRADE PROMOTION ORGANISATION	11359	25	0.22
78	INDIAN OIL CORPORATION LTD.	15796695	3515921	22.26
79	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	29332	2000	6.82
80	INDIAN RARE EARTHS LTD.	64364	8637	13.42
81	IRCON INFRASTRUCTURE & SERVICES LTD.	10957	9650	88.07
82	IRCON INTERNATIONAL LTD.	50260	1980	3.94
83	J & K MINERAL DEVELOPMENT CORPN. LTD.	3231	474	14.67
84	KAMARAJAR PORT LTD.	172049	101326	58.89
85	KANTI BIJLEE UTPADAN NIGAM LTD.	356318	304757	85.53
86	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	6270	1826	29.12
87	KARNATAKA TRADE PROMOTION ORGANISATION	2912	2818	96.77
88	KIOCL LTD.	119798	63526	53.03
89	KUMARAKRUPPA FRONTIER HOTELS LTD.	680	97	14.26
90	M M T C LTD.	20325	10000	49.2
91	M S T C LTD.	3012	1621	53.82
92	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	636	160	25.16
93	MADRAS FERTILIZERS LTD.	96590	35868	37.13
94	MAHANADI BASIN POWER LTD.	1257	5	0.4
95	MAHANADI COALFIELDLS LTD.	677386	19330	2.85
96	MAHANAGAR TELEPHONE NIGAM LTD.	2730634	1063897	38.96

97	MANGALORE REFINERY & PETROCHEMICALS LTD.	2231910	961732	43.09
98	MAZAGON DOCK SHIPBUILDERS LTD.	53351	27863	52.23
99	MECON LTD.	16438	5274	32.08
100	MISHRA DHATU NIGAM LTD.	39614	20168	50.91
101	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	39	0	0
102	MOIL LTD.	66362	16800	25.32
103	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5245	2500	47.66
104	NATIONAL ALUMINIUM COMPANY LTD.	1583443	128862	8.14
105	NATIONAL FERTILIZERS LTD.	726619	227548	31.32
106	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	54	5	9.26
107	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	8048	200	2.49
108	NATIONAL SEEDS CORPN. LTD.	21517	5549	25.79
109	NEYVELI LIGNITE CORPN. LTD.	1946351	447017	22.97
110	NHDC LTD.	759248	249021	32.8
111	NHPC LTD.	4903686	2924170	59.63
112	NLC TAMIL NADU POWER LTD.	664882	503285	75.7
113	NMDC Ltd.	1065466	39647	3.72
114	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1179597	795153	67.41
115	NORTHERN COALFIELDS LTD.	795774	17767	2.23
116	NTPC ELECTRIC SUPPLY COMPANY LTD.	146	8	5.48
117	NTPC LTD.	18497108	8677779	46.91
118	NUCLEAR POWER CORPN. OF INDIA LTD.	5488824	2747513	50.06
119	NUMALIGARH REFINERY LTD.	461623	123866	26.83
120	ODISHA INFRAPOWER LTD.	11	5	45.45
121	OIL & NATURAL GAS CORPORATION LTD.	29004210	427774	1.47
122	OIL INDIA LTD.	1688305	894222	52.97
123	ONGC VIDESH LTD.	11592885	4726794	40.77
124	ORISSA INTEGRATED POWER LTD.	21377	5	0.02
125	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	15829	60	0.38
126	PAWAN HANS LTD.	148237	75567	50.98
127	PFC CONSULTING LTD.	118	5	4.24
128	PONDICHERRY ASHOK HOTEL CORPN. LTD.	367	160	43.6
129	POWER GRID CORPORATION OF INDIA LTD.	17118841	9460743	55.27
130	POWER GRID JABALPUR TRANSMISSION LTD.	1840	5	0.27
131	POWER SYSTEM OPERATION CORPORATION LTD.	34807	3194	9.18
132	POWERGRID KALA AMB TRANSMISSION LTD.	413	5	1.21
133	POWERGRID NM TRANSMISSION LTD.	17536	11534	65.77
134	PROJECTS & DEVELOPMENT INDIA LTD.	6840	1730	25.29
135	PUNJAB ASHOK HOTEL COMPANY LTD.	280	250	89.29
136	RAILTEL CORPORATION INDIA LTD.	140382	32094	22.86
137	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	33	0	0
138	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2265	1652	72.94
139	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	3426	1225	35.76
140	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	411946	92625	22.48
141	RASHTRIYA ISPAT NIGAM LTD.	2610351	525637	20.14
142	REC POWER DISTRIBUTION CO. LTD.	114	5	4.39
143	REC TRANSMISSION PROJECTS CO. LTD.	10	5	50
144	rites INFRASTRUCTURE SERVICES LTD.	614	5	0.81
145	rites LTD.	41023	10000	24.38
146	SAIL REFRACTORY COMPANY LTD.	2492	5	0.2
147	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	294086	5	0

148	SHIPPING CORPORATION OF INDIA LTD.	1778880	603574	33.93
149	SIPAT TRANSMISSION LTD.	46	5	10.87
150	SJVN LTD.	1347375	659005	48.91
151	SJVN THERMAL PVT. LTD.	6166	1	0.02
152	SOUTH EASTERN COALFIELDS LTD.	1016156	35970	3.54
153	STATE TRADING CORPN. OF INDIA LTD.	102243	23628	23.11
154	STCL LTD.	1089	150	13.77
155	STEEL AUTHORITY OF INDIA LTD.	9440119	1815609	19.23
156	TAMIL NADU TRADE PROMOTION ORGANISATION	7178	805	11.21
157	TANDA TRANSMISSION COMPANY LTD.	111	5	4.5
158	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	18900	15932	84.3
159	THDC INDIA LTD.	1312728	680454	51.84
160	TUNGABHADRA STEEL PRODUCTS LTD.	2033	1375	67.63
161	UNCHAHAR TRANSMISSION LTD.	299	5	1.67
162	URANIUM CORPORATION OF INDIA LTD.	356398	155862	43.73
163	VIGNYAN INDUSTRIES LTD.	1673	279	16.68
164	VIZAG TRANSMISSION LTD.	26983	19309	71.56
165	WAPCOS LTD.	2651	2500	94.3
166	WESTERN COALFIELDS LTD.	532881	29710	5.58
<b>GRAND TOTAL :</b>		<b>183800130</b>	<b>52118244</b>	<b>28.36</b>

**STATEMENT - 20**  
**FOREIGN EXCHANGE EARNINGS OF CPSEs IN 2014-15**

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other income	Total
	<b>CRUDE OIL</b>						
1	OIL & NATURAL GAS CORPORATION LTD.	2013-14	748183	535	0	181	748899
		2014-15	501535	24	0	721	502280
2	OIL INDIA LTD.	2013-14	0	0	0	26	26
		2014-15	0	0	0	23	23
3	ONGC VIDESH LTD.	2013-14	998012	0	4317	45337	1047666
		2014-15	910864	0	2506	60978	974348
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>1746195</b>	<b>535</b>	<b>4317</b>	<b>45544</b>	<b>1796591</b>
		<b>2014-15</b>	<b>1412399</b>	<b>24</b>	<b>2506</b>	<b>61722</b>	<b>1476651</b>
	<b>OTHER MINERALS &amp; METALS</b>						
4	HINDUSTAN COPPER LTD.	2013-14	39398	0	0	0	39398
		2014-15	2041	0	0	0	2041
5	INDIAN RARE EARTHS LTD.	2013-14	18547	0	0	0	18547
		2014-15	12942	0	0	0	12942
6	NATIONAL ALUMINIUM COMPANY LTD.	2013-14	361531	0	0	189	361720
		2014-15	315948	0	0	123	316071
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>419476</b>	<b>0</b>	<b>0</b>	<b>189</b>	<b>419665</b>
		<b>2014-15</b>	<b>330931</b>	<b>0</b>	<b>0</b>	<b>123</b>	<b>331054</b>
	<b>STEEL</b>						
7	RASHTRIYA ISPAT NIGAM LTD.	2013-14	73771	0	0	374	74145
		2014-15	86639	0	0	209	86848
8	STEEL AUTHORITY OF INDIA LTD.	2013-14	149701	0	0	0	149701
		2014-15	156768	0	0	0	156768
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>223472</b>	<b>0</b>	<b>0</b>	<b>374</b>	<b>223846</b>
		<b>2014-15</b>	<b>243407</b>	<b>0</b>	<b>0</b>	<b>209</b>	<b>243616</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>						
9	BHARAT PETROLEUM CORPN. LTD.	2013-14	1912206	0	0	0	1912206
		2014-15	1236427	0	0	0	1236427
10	GAIL (INDIA) LTD.	2013-14	0	0	3650	17351	21001
		2014-15	60006	0	1448	2995	64449
11	HINDUSTAN PETROLEUM CORPN. LTD.	2013-14	423103	0	0	0	423103
		2014-15	531398	0	0	0	531398
12	INDIAN OIL CORPORATION LTD.	2013-14	2152467	28	0	8318	2160813
		2014-15	1566756	40	0	34203	1600999
13	MANGALORE REFINERY & PETROCHEMICALS LTD.	2013-14	3395238	0	0	0	3395238
		2014-15	1950784	0	0	0	1950784
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>7883014</b>	<b>28</b>	<b>3650</b>	<b>25669</b>	<b>7912361</b>
		<b>2014-15</b>	<b>5345371</b>	<b>40</b>	<b>1448</b>	<b>37198</b>	<b>5384057</b>
	<b>FERTILIZERS</b>						
14	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2013-14	168	0	0	0	168
		2014-15	73	0	0	0	73
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>168</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>168</b>
		<b>2014-15</b>	<b>73</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>73</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>						
15	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	2013-14	0	0	0	36	36
		2014-15	0	0	0	0	0
16	HINDUSTAN ANTIBIOTICS LTD.	2013-14	13	0	0	0	13
		2014-15	2	0	0	0	2
17	HINDUSTAN FLUOROCARBONS LIMITED	2013-14	0	0	0	0	0

		2014-15	8	0	0	0	8
18	HINDUSTAN INSECTICIDES LTD.	2013-14	513	0	0	0	513
		2014-15	3025	0	0	0	3025
19	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2013-14	2517	0	0	0	2517
		2014-15	2891	0	0	0	2891
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>3043</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>3079</b>
		<b>2014-15</b>	<b>5926</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5926</b>
	<b>HEAVY ENGINEERING</b>						
20	BHARAT HEAVY ELECTRICALS LTD.	2013-14	135841	0	0	741933	877774
		2014-15	74736	0	272	468342	543350
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>135841</b>	<b>0</b>	<b>0</b>	<b>741933</b>	<b>877774</b>
		<b>2014-15</b>	<b>74736</b>	<b>0</b>	<b>272</b>	<b>468342</b>	<b>543350</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>						
21	ANDREW YULE & COMPANY LTD.	2013-14	186	0	0	0	186
		2014-15	0	0	0	0	0
22	BALMER LAWRIE & CO. LTD.	2013-14	1500	1257	1097	143	3997
		2014-15	1350	8712	2504	22	12588
23	BHARAT DYNAMICS LTD.	2013-14	118	0	0	0	118
		2014-15	0	0	0	155	155
24	CENTRAL ELECTRONICS LTD.	2013-14	481	0	0	0	481
		2014-15	109	0	0	0	109
25	ELECTRONICS CORPN. OF INDIA LTD.	2013-14	240	0	0	0	240
		2014-15	38	0	0	0	38
26	HMT LTD.	2013-14	53	0	0	0	53
		2014-15	5	0	0	0	5
27	HMT MACHINE TOOLS LTD.	2013-14	0	0	0	0	0
		2014-15	240	0	0	0	240
28	INSTRUMENTATION LTD.	2013-14	0	0	0	0	0
		2014-15	5	0	0	0	5
29	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2013-14	278	0	0	1	279
		2014-15	154	0	0	2	156
30	SCOOTERS INDIA LTD.	2013-14	13	0	0	0	13
		2014-15	0	0	0	0	0
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>2869</b>	<b>1257</b>	<b>1097</b>	<b>144</b>	<b>5367</b>
		<b>2014-15</b>	<b>1901</b>	<b>8712</b>	<b>2504</b>	<b>179</b>	<b>13296</b>
	<b>TRANSPORTATION EQUIPMENT</b>						
31	BEML LTD.	2013-14	7326	0	0	0	7326
		2014-15	25846	0	0	0	25846
32	GOA SHIPYARD LTD.	2013-14	0	0	0	0	0
		2014-15	20650	0	0	0	20650
33	HINDUSTAN AERONAUTICS LTD.	2013-14	40852	0	0	3146	43998
		2014-15	41475	0	0	254	41729
34	HINDUSTAN SHIPYARD LTD.	2013-14	0	0	0	147	147
		2014-15	0	0	0	100	100
35	MAZAGON DOCK SHIPBUILDERS LTD.	2013-14	0	0	0	0	0
		2014-15	27954	0	0	0	27954
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>48178</b>	<b>0</b>	<b>0</b>	<b>3293</b>	<b>51471</b>
		<b>2014-15</b>	<b>115925</b>	<b>0</b>	<b>0</b>	<b>354</b>	<b>116279</b>
	<b>CONSUMER GOODS</b>						
36	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	2013-14	2	0	0	0	2
		2014-15	13	0	0	0	13
37	HLL LIFECARE LTD.	2013-14	12049	0	0	825	12874
		2014-15	13552	0	0	1106	14658
38	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2013-14	0	0	0	0	0
		2014-15	0	0	0	2284	2284
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>12051</b>	<b>0</b>	<b>0</b>	<b>825</b>	<b>12876</b>



		<b>2014-15</b>	<b>13565</b>	<b>0</b>	<b>0</b>	<b>3390</b>	<b>16955</b>
	<b>TEXTILES</b>						
39	NATIONAL TEXTILE CORPN. LTD.	2013-14	0	0	0	0	0
		2014-15	5811	0	0	0	5811
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>2014-15</b>	<b>5811</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5811</b>
	<b>POWER GENERATION</b>						
40	NHPC LTD.	2013-14	0	0	0	5	5
		2014-15	0	0	0	0	0
41	NTPC LTD.	2013-14	0	308	0	5	313
		2014-15	0	294	0	47	341
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>0</b>	<b>308</b>	<b>0</b>	<b>10</b>	<b>318</b>
		<b>2014-15</b>	<b>0</b>	<b>294</b>	<b>0</b>	<b>47</b>	<b>341</b>
	<b>POWER TRANSMISSION</b>						
42	POWER GRID CORPORATION OF INDIA LTD.	2013-14	29407	2259	1	0	31667
		2014-15	0	3785	19	0	3804
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>29407</b>	<b>2259</b>	<b>1</b>	<b>0</b>	<b>31667</b>
		<b>2014-15</b>	<b>0</b>	<b>3785</b>	<b>19</b>	<b>0</b>	<b>3804</b>
	<b>TRADING &amp; MARKETING</b>						
43	ANTRIX CORPORATION LTD.	2013-14	748	15161	0	1562	17471
		2014-15	621	2484	0	24715	27820
44	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2013-14	277	0	0	2292	2569
		2014-15	350	0	0	2532	2882
45	COTTON CORPN. OF INDIA LTD.	2013-14	657	0	0	0	657
		2014-15	0	0	0	0	0
46	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	2013-14	3318	0	0	61	3379
		2014-15	3042	0	0	26	3068
47	HMT (INTERNATIONAL) LTD.	2013-14	1237	0	0	0	1237
		2014-15	1686	7	0	0	1693
48	INDIA TRADE PROMOTION ORGANISATION	2013-14	0	0	0	1091	1091
		2014-15	0	0	0	1309	1309
49	M M T C LTD.	2013-14	391166	0	0	900	392066
		2014-15	229379	0	0	590	229969
50	M S T C LTD.	2013-14	0	0	0	0	0
		2014-15	0	0	0	13	13
51	NTPC VIDYUT VYAPAR NIGAM LTD.	2013-14	21185	0	0	0	21185
		2014-15	0	0	0	0	0
52	P E C LTD.	2013-14	255300	0	0	0	255300
		2014-15	57717	0	0	0	57717
53	STATE TRADING CORPN. OF INDIA LTD.	2013-14	178096	0	0	0	178096
		2014-15	12638	0	0	0	12638
54	THE JUTE CORPN. OF INDIA LTD.	2013-14	0	0	0	0	0
		2014-15	750	0	0	0	750
	<b>SUB TOTAL :</b>	<b>2013-14</b>	<b>851984</b>	<b>15161</b>	<b>0</b>	<b>5906</b>	<b>873051</b>
		<b>2014-15</b>	<b>306183</b>	<b>2491</b>	<b>0</b>	<b>29185</b>	<b>337859</b>
	<b>TRANSPORT SERVICES</b>						
55	AIR INDIA AIR TRANSPORT SERVICES LTD.	2013-14	0	0	0	0	0
		2014-15	0	0	0	15999	15999
56	AIR INDIA CHARTERS LTD.	2013-14	133065	0	0	0	133065
		2014-15	0	0	0	146686	146686
57	AIR INDIA LTD.	2013-14	0	0	23	1197555	1197578
		2014-15	0	0	652	890611	891263
58	AIRPORTS AUTHORITY OF INDIA	2013-14	0	155462	0	0	155462
		2014-15	0	0	0	71152	71152
59	PAWAN HANS LTD.	2013-14	0	0	0	11288	11288
		2014-15	0	0	0	0	0
60	SHIPPING CORPORATION OF INDIA LTD.	2013-14	415027	0	2931	12212	430170

		2014-15	407493	0	2880	0	410373
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>548092</b>	<b>155462</b>	<b>2954</b>	<b>1221055</b>	<b>1927563</b>
		<b>2014-15</b>	<b>407493</b>	<b>0</b>	<b>3532</b>	<b>1124448</b>	<b>1535473</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>						
61	BRIDGE & ROOF CO.(INDIA) LTD.	2013-14	2012	0	0	0	2012
		2014-15	370	0	0	0	370
62	IRCON INFRASTRUCTURE & SERVICES LTD.	2013-14	0	2890	0	46	2936
		2014-15	0	2395	0	282	2677
63	IRCON INTERNATIONAL LTD.	2013-14	217297	0	995	184	218476
		2014-15	80660	0	1124	2380	84164
64	PROJECTS & DEVELOPMENT INDIA LTD.	2013-14	0	695	0	0	695
		2014-15	0	377	0	0	377
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>219309</b>	<b>3585</b>	<b>995</b>	<b>230</b>	<b>224119</b>
		<b>2014-15</b>	<b>81030</b>	<b>2772</b>	<b>1124</b>	<b>2662</b>	<b>87588</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>						
65	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2013-14	0	0	0	52	52
		2014-15	0	0	0	32	32
66	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	2013-14	0	50	0	0	50
		2014-15	0	43	0	0	43
67	EdCIL(India) Ltd.	2013-14	0	125	0	0	125
		2014-15	0	130	0	0	130
68	ENGINEERING PROJECTS (INDIA) LTD.	2013-14	0	0	0	0	0
		2014-15	59142	0	53	120	59315
69	ENGINEERS INDIA LTD.	2013-14	0	13918	0	0	13918
		2014-15	0	22058	0	0	22058
70	MECON LTD.	2013-14	0	770	0	0	770
		2014-15	0	304	0	0	304
71	NATIONAL RESEARCH DEVELOPMENT CORPN.	2013-14	0	24	0	0	24
		2014-15	0	0	0	0	0
72	NATIONAL SMALL INDUSTRIES CORPN. LTD.	2013-14	223	15	0	0	238
		2014-15	0	30	0	0	30
73	MITES LTD.	2013-14	40414	4179	0	58	44651
		2014-15	14896	3901	0	25	18822
74	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2013-14	0	0	6	32974	32980
		2014-15	0	0	5	31515	31520
75	WAPCOS LTD.	2013-14	54693	0	248	0	54941
		2014-15	54339	0	130	0	54469
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>95330</b>	<b>19081</b>	<b>254</b>	<b>33084</b>	<b>147749</b>
		<b>2014-15</b>	<b>128377</b>	<b>26466</b>	<b>188</b>	<b>31692</b>	<b>186723</b>
	<b>TOURIST SERVICES</b>						
76	ASSAM ASHOK HOTEL CORPN. LTD.	2013-14	0	0	0	4	4
		2014-15	0	0	0	2	2
77	HOTEL CORPN. OF INDIA LTD.	2013-14	0	0	0	0	0
		2014-15	0	0	0	3	3
78	INDIA TOURISM DEV. CORPN. LTD.	2013-14	0	0	0	1587	1587
		2014-15	0	0	0	1299	1299
79	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2013-14	0	0	0	1180	1180
		2014-15	0	0	0	2189	2189
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2771</b>	<b>2771</b>
		<b>2014-15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3493</b>	<b>3493</b>
	<b>FINANCIAL SERVICES</b>						
80	HOUSING & URBAN DEV. CORPN. LTD.	2013-14	0	0	173	0	173
		2014-15	0	0	140	0	140
81	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2013-14	0	0	191	187	378
		2014-15	0	0	172	114	286
82	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2013-14	0	0	3432	0	3432

		2014-15	0	0	154	0	154
83	NATIONAL FILM DEV. CORPN. LTD.	2013-14	228	0	0	0	228
		2014-15	81	0	0	0	81
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>228</b>	<b>0</b>	<b>3796</b>	<b>187</b>	<b>4211</b>
		<b>2014-15</b>	<b>81</b>	<b>0</b>	<b>466</b>	<b>114</b>	<b>661</b>
	<b>TELECOMMUNICATION SERVICES</b>						
84	BHARAT SANCHAR NIGAM LTD.	2013-14	0	0	0	3289	3289
		2014-15	0	0	0	13553	13553
85	MAHANAGAR TELEPHONE NIGAM LTD.	2013-14	0	0	0	875	875
		2014-15	0	0	0	545	545
86	MILLENNIUM TELECOM LTD.	2013-14	0	0	0	0	0
		2014-15	0	0	6	1	7
87	RAILTEL CORPORATION INDIA LTD.	2013-14	0	0	0	785	785
		2014-15	0	0	0	0	0
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4949</b>	<b>4949</b>
		<b>2014-15</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>14099</b>	<b>14105</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>						
88	BHARAT PETRO RESOURCES JPDA	2013-14	0	0	0	0	0
		2014-15	0	0	0	8	8
<b>SUB TOTAL :</b>		<b>2013-14</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<b>2014-15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>8</b>
<b>GRAND TOTAL :</b>		<b>2013-14</b>	<b>12218657</b>	<b>197676</b>	<b>17064</b>	<b>2086199</b>	<b>14519596</b>
		<b>2014-15</b>	<b>8473209</b>	<b>44584</b>	<b>12065</b>	<b>1777265</b>	<b>10307123</b>

**STATEMENT - 21**  
**NUMBER OF EMPLOYEES AND HOUSES CONSTRUCTED IN CPSEs**

S.No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2015	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2015
	<b>AGRO BASED INDUSTRIES</b>				
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	1065	0	0	0
2	CREDA HPCL BIOFUEL LTD.	7	0	0	0
3	HPCL BIOFUELS LTD.	394	0	0	0
4	INDIAN OIL-CREDA BIOFUELS LTD.	3	0	0	0
5	NATIONAL SEEDS CORPN. LTD.	1650	0	0	0
	<b>SUB TOTAL :</b>	<b>3119</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>COAL</b>				
6	BHARAT COKING COAL LTD.	56051	30627	14356	44983
7	CENTRAL COALFIELDS LTD.	45011	0	0	0
8	COAL INDIA LTD.	2895	3287	4	3291
9	EASTERN COALFIELDS LTD.	68681	0	0	0
10	MAHANADI COALFIELDLS LTD.	22259	16238	456	16694
11	NORTHERN COALFIELDS LTD.	16226	15959	242	16201
12	SOUTH EASTERN COALFIELDS LTD.	67800	60923	458	61381
13	WESTERN COALFIELDS LTD.	50071	52613	160	52773
	<b>SUB TOTAL :</b>	<b>328994</b>	<b>179647</b>	<b>15676</b>	<b>195323</b>
	<b>CRUDE OIL</b>				
14	BHARAT PETRO RESOURCES LTD.	50	0	0	0
15	OIL & NATURAL GAS CORPORATION LTD.	33185	0	0	0
16	OIL INDIA LTD.	7892	0	0	0
17	ONGC VIDESH LTD.	2119	0	0	0
18	PRIZE PETROLEUM COMPANY LTD.	23	0	0	0
	<b>SUB TOTAL :</b>	<b>43269</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>OTHER MINERALS &amp; METALS</b>				
19	EASTERN INVESTMENT LTD.	2	0	0	0
20	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	58	0	0	0
21	HINDUSTAN COPPER LTD.	3676	12191	0	12191
22	INDIAN RARE EARTHS LTD.	1961	291	0	291
23	J & K MINERAL DEVELOPMENT CORPN. LTD.	5	0	0	0
24	KIOCL LTD.	947	2412	0	2412
25	MOIL LTD.	6417	4343	0	4343
26	NATIONAL ALUMINIUM COMPANY LTD.	7320	7693	198	7891
27	NMDC Ltd.	5490	7398	504	7902
28	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	564	507	0	507
29	THE BISRA STONE LIME COMPANY LTD.	787	0	0	0
30	URANIUM CORPORATION OF INDIA LTD.	4685	0	0	0
	<b>SUB TOTAL :</b>	<b>31912</b>	<b>34835</b>	<b>702</b>	<b>35537</b>
	<b>STEEL</b>				
31	FERRO SCRAP NIGAM LTD.	957	0	0	0
32	MISHRA DHATU NIGAM LTD.	836	0	0	0
33	RASHTRIYA ISPAT NIGAM LTD.	18137	8475	0	8475
34	SAIL REFRACTORY COMPANY LTD.	232	0	0	0
35	STEEL AUTHORITY OF INDIA LTD.	93352	0	0	0
	<b>SUB TOTAL :</b>	<b>113514</b>	<b>8475</b>	<b>0</b>	<b>8475</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>				
36	BHARAT PETROLEUM CORPN. LTD.	12687	2114	26	2140
37	CHENNAI PETROLEUM CORPORATION LTD.	1628	104	0	104
38	GAIL (INDIA) LTD.	4266	0	0	0
39	GAIL GAS LTD.	118	0	0	0
40	HINDUSTAN PETROLEUM CORPN. LTD.	10634	2260	0	2260
41	INDIAN OIL CORPORATION LTD.	32962	20632	226	20858
42	MANGALORE REFINERY & PETROCHEMICALS LTD.	1720	680	249	929
43	NUMALIGARH REFINERY LTD.	878	730	102	832
	<b>SUB TOTAL :</b>	<b>64893</b>	<b>26520</b>	<b>603</b>	<b>27123</b>

	<b>FERTILIZERS</b>				
44	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	835	2764	0	2764
45	FERTILIZER CORPN. OF INDIA LTD.	13	0	0	0
46	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	2592	0	0	0
47	HINDUSTAN FERTILIZER CORPN. LTD.	6	0	0	0
48	MADRAS FERTILIZERS LTD.	693	0	0	0
49	NATIONAL FERTILIZERS LTD.	3798	4816	0	4816
50	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3957	3094	56	3150
	<b>SUB TOTAL :</b>	<b>11894</b>	<b>10674</b>	<b>56</b>	<b>10730</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>				
51	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	405	0	0	0
52	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	115	0	0	0
53	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	199	0	0	0
54	HINDUSTAN ANTIBIOTICS LTD.	1051	986	0	986
55	HINDUSTAN FLUOROCARBONS LIMITED	151	0	0	0
56	HINDUSTAN INSECTICIDES LTD.	1210	429	0	429
57	HINDUSTAN ORGANIC CHEMICALS LTD.	1041	184	0	184
58	HLL BIOTECH LTD.	39	0	0	0
59	INDIAN DRUGS & PHARMACEUTICALS LTD.	95	0	0	0
60	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	131	0	0	0
61	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	728	0	0	0
62	ORISSA DRUGS & CHEMICALS LTD.	61	0	0	0
63	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	171	0	0	0
	<b>SUB TOTAL :</b>	<b>5397</b>	<b>1599</b>	<b>0</b>	<b>1599</b>
	<b>HEAVY ENGINEERING</b>				
64	BHARAT BHARI UDYOG NIGAM LTD.	17	0	0	0
65	BHARAT HEAVY ELECTRICALS LTD.	44905	32926	86	33012
66	BHARAT WAGON & ENGG. CO. LTD.	711	0	0	0
67	BHEL ELECTRICAL MACHINES LTD.	175	0	0	0
68	BRAITHWAITE & CO. LTD.	330	0	0	0
69	BURN STANDARD COMPANY LTD.	683	0	0	0
70	HEAVY ENGINEERING CORPN. LTD.	1757	0	0	0
71	TUNGABHADRA STEEL PRODUCTS LTD.	75	276	0	276
	<b>SUB TOTAL :</b>	<b>48653</b>	<b>33202</b>	<b>86</b>	<b>33288</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>				
72	ANDREW YULE & COMPANY LTD.	14983	9583	0	9583
73	BALMER LAWRIE & CO. LTD.	1365	0	0	0
74	BEL OPTRONICS DEVICES LTD.	133	0	0	0
75	BHARAT DYNAMICS LTD.	3183	0	0	0
76	BHARAT ELECTRONICS LTD.	9703	2410	0	2410
77	BHARAT PUMPS & COMPRESSORS LTD.	638	0	0	0
78	CENTRAL ELECTRONICS LTD.	518	0	0	0
79	ELECTRONICS CORPN. OF INDIA LTD.	2863	60	0	60
80	HINDUSTAN CABLES LTD.	1533	0	0	0
81	HMT BEARINGS LTD.	55	0	0	0
82	HMT CHINAR WATCHES LTD.	54	0	0	0
83	HMT LTD.	1421	1098	0	1098
84	HMT MACHINE TOOLS LTD.	2218	1236	0	1236
85	HMT WATCHES LTD.	1005	0	0	0
86	I T I LTD.	6098	6612	0	6612
87	IDPL (TAMILNADU) LTD.	112	0	0	0
88	INSTRUMENTATION LTD.	996	0	0	0
89	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	252	0	0	0
90	RICHARDSON & CRUDDAS(1972) LTD.	17	0	0	0
91	SCOOTERS INDIA LTD.	594	0	0	0
92	VIGNYAN INDUSTRIES LTD.	113	0	0	0
	<b>SUB TOTAL :</b>	<b>47854</b>	<b>20999</b>	<b>0</b>	<b>20999</b>
	<b>TRANSPORTATION EQUIPMENT</b>				
93	BEML LTD.	9599	2488	0	2488
94	COCHIN SHIPYARD LTD.	1786	128	0	128
95	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2834	0	0	0

96	GOA SHIPYARD LTD.	1568	0	0	0
97	HINDUSTAN AERONAUTICS LTD.	31144	18223	311	18534
98	HINDUSTAN SHIPYARD LTD.	1646	0	0	0
99	HOOGHLY DOCK AND PORT ENGINEERS LTD.	339	0	0	0
100	MAZAGON DOCK SHIPBUILDERS LTD.	8925	0	0	0
	<b>SUB TOTAL :</b>	<b>57841</b>	<b>20839</b>	<b>311</b>	<b>21150</b>
	<b>CONSUMER GOODS</b>				
101	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	314	0	0	0
102	CEMENT CORPN. OF INDIA LTD.	813	0	0	0
103	HINDUSTAN NEWSPRINT LTD.	640	0	0	0
104	HINDUSTAN PAPER CORPORATION LTD.	1843	0	0	0
105	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	348	472	0	472
106	HINDUSTAN SALTS LTD.	222	541	0	541
107	HLL LIFECARE LTD.	1814	0	0	0
108	HOOGHLY PRINTING COMPANY LTD.	47	0	0	0
109	NAGALAND PULP & PAPER COMPANY LTD.	183	0	0	0
110	NEPA LTD.	635	0	0	0
111	SAMBHAR SALTS LTD.	118	254	0	254
112	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	11784	4154	0	4154
	<b>SUB TOTAL :</b>	<b>18761</b>	<b>5421</b>	<b>0</b>	<b>5421</b>
	<b>TEXTILES</b>				
113	BRITISH INDIA CORPORATION LTD.	1490	1668	0	1668
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	53	0	0	0
115	NATIONAL TEXTILE CORPN. LTD.	8030	186	0	186
	<b>SUB TOTAL :</b>	<b>9573</b>	<b>1854</b>	<b>0</b>	<b>1854</b>
	<b>POWER GENERATION</b>				
116	KANTI BIJLEE UTPADAN NIGAM LTD.	195	0	0	0
117	NEYVELI LIGNITE CORPN. LTD.	16445	20410	0	20410
118	NHDC LTD.	533	2013	12	2025
119	NHPC LTD.	9211	10473	75	10548
120	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	2565	2651	102	2753
121	NTPC LTD.	22496	644	0	644
122	NUCLEAR POWER CORPN. OF INDIA LTD.	11595	11437	300	11737
123	REC POWER DISTRIBUTION CO. LTD.	13	0	0	0
124	SJVN LTD.	1824	0	0	0
125	THDC INDIA LTD.	2013	2373	12	2385
	<b>SUB TOTAL :</b>	<b>66890</b>	<b>50001</b>	<b>501</b>	<b>50502</b>
	<b>POWER TRANSMISSION</b>				
126	NTPC ELECTRIC SUPPLY COMPANY LTD.	76	0	0	0
127	POWER GRID CORPORATION OF INDIA LTD.	8425	6246	530	6776
	<b>SUB TOTAL :</b>	<b>8501</b>	<b>6246</b>	<b>530</b>	<b>6776</b>
	<b>TRADING &amp; MARKETING</b>				
128	ANTRIX CORPORATION LTD.	74	0	0	0
129	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	295	3	0	3
130	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	34	0	0	0
131	CENTRAL WAREHOUSING CORPN.	4557	406	1923	2329
132	COTTON CORPN. OF INDIA LTD.	980	0	0	0
133	FOOD CORPN. OF INDIA	73961	0	0	0
134	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	119	67	0	67
135	HMT (INTERNATIONAL) LTD.	39	0	0	0
136	INDIA TRADE PROMOTION ORGANISATION	884	0	0	0
137	KARNATAKA TRADE PROMOTION ORGANISATION	2	0	0	0
138	M M T C LTD.	1438	0	0	0
139	M S T C LTD.	307	0	0	0
140	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	208	0	0	0
141	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	69	0	0	0
142	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	50	0	0	0
143	NTPC VIDYUT VYAPAR NIGAM LTD.	50	0	0	0
144	P E C LTD.	169	0	0	0
145	STATE TRADING CORPN. OF INDIA LTD.	738	0	0	0
146	STCL LTD.	14	0	0	0



147	TAMIL NADU TRADE PROMOTION ORGANISATION	5	0	0	0
148	THE JUTE CORPN. OF INDIA LTD.	588	0	0	0
	<b>SUB TOTAL :</b>	<b>84581</b>	<b>476</b>	<b>1923</b>	<b>2399</b>
	<b>TRANSPORT SERVICES</b>				
149	AIR INDIA AIR TRANSPORT SERVICES LTD.	6765	0	0	0
150	AIR INDIA CHARTERS LTD.	771	0	0	0
151	AIR INDIA ENGINEERING SERVICES LTD.	4000	0	0	0
152	AIR INDIA LTD.	14013	0	0	0
153	AIRLINE ALLIED SERVICES LTD.	664	0	0	0
154	AIRPORTS AUTHORITY OF INDIA	17410	0	0	0
155	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	252	0	0	0
156	CONTAINER CORPORATION OF INDIA LTD.	1332	237	0	237
157	DREDGING CORPN. OF INDIA LTD.	560	0	0	0
158	FRESH & HEALTHY ENTERPRISES LTD.	27	0	0	0
159	KAMARAJAR PORT LTD.	102	0	0	0
160	PAWAN HANS LTD.	456	192	0	192
161	SHIPPING CORPORATION OF INDIA LTD.	792	0	0	0
	<b>SUB TOTAL :</b>	<b>47144</b>	<b>429</b>	<b>0</b>	<b>429</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>				
162	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	563	0	0	0
163	BRIDGE & ROOF CO.(INDIA) LTD.	1409	0	0	0
164	HINDUSTAN PREFAB LTD.	256	0	0	0
165	HINDUSTAN STEELWORKS COSTN. LTD.	106	2753	0	2753
166	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	13	0	0	0
167	IRCON INFRASTRUCTURE & SERVICES LTD.	9	0	0	0
168	IRCON INTERNATIONAL LTD.	1359	0	0	0
169	KONKAN RAILWAY CORPORATION LTD.	4943	1391	0	1391
170	MINERAL EXPLORATION CORPN. LTD.	1355	175	0	175
171	MUMBAI RAILWAY VIKAS CORPORATION LTD.	198	0	0	0
172	NATIONAL BLDG. CONSTN. CORPN. LTD.	2047	0	0	0
173	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1174	0	0	0
174	PROJECTS & DEVELOPMENT INDIA LTD.	393	1522	0	1522
175	RAIL VIKAS NIGAM LTD.	415	0	0	0
	<b>SUB TOTAL :</b>	<b>14240</b>	<b>5841</b>	<b>0</b>	<b>5841</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>				
176	AGRINNOVATE INDIA LTD.	8	0	0	0
177	BROADCAST ENGG. CONSULTANTS INDIA LTD.	67	0	0	0
178	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3629	2127	0	2127
179	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	73	0	0	0
180	EdCIL(India) Ltd.	78	0	0	0
181	ENGINEERING PROJECTS (INDIA) LTD.	436	0	0	0
182	ENGINEERS INDIA LTD.	3166	0	0	0
183	HSCC (INDIA) LTD.	151	0	0	0
184	MECON LTD.	1563	1937	0	1937
185	NATIONAL RESEARCH DEVELOPMENT CORPN.	80	0	0	0
186	NATIONAL SMALL INDUSTRIES CORPN. LTD.	880	0	0	0
187	PFC CAPITAL ADVISORY SERVICE LTD.	7	0	0	0
188	POWER SYSTEM OPERATION CORPORATION LTD.	444	0	0	0
189	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1	0	0	0
190	rites LTD.	2279	155	0	155
191	SOLAR ENERGY CORPORATION OF INDIA	36	0	0	0
192	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	886	0	0	0
193	WAPCOS LTD.	674	0	0	0
	<b>SUB TOTAL :</b>	<b>14458</b>	<b>4219</b>	<b>0</b>	<b>4219</b>
	<b>TOURIST SERVICES</b>				
194	ASSAM ASHOK HOTEL CORPN. LTD.	65	0	0	0
195	DONYI POLO ASHOK HOTEL LTD.	26	0	0	0
196	HOTEL CORPN. OF INDIA LTD.	1201	0	0	0
197	INDIA TOURISM DEV. CORPN. LTD.	1577	0	0	0
198	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1502	0	0	0
199	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	60	0	0	0

200	PONDICHERRY ASHOK HOTEL CORPN. LTD.	19	0	0	0
201	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	42	0	0	0
202	UTKAL ASHOK HOTEL CORPN. LTD.	23	0	0	0
	<b>SUB TOTAL :</b>	<b>4515</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>FINANCIAL SERVICES</b>				
203	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	27	0	0	0
204	E. C. G. C. LTD.	655	0	0	0
205	HOUSING & URBAN DEV. CORPN. LTD.	892	0	0	0
206	INDIA INFRASTRUCTURE FINANCE CO. LTD.	79	0	0	0
207	INDIAN RAILWAY FINANCE CORPORATION LTD.	19	0	0	0
208	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	127	0	0	0
209	INDIAN VACCINE CORP. LTD.	3	0	0	0
210	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	4	0	0	0
211	KUMARAKRUPPA FRONTIER HOTELS LTD.	3	0	0	0
212	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	47	0	0	0
213	NATIONAL FILM DEV. CORPN. LTD.	99	0	0	0
214	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	32	0	0	0
215	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	33	0	0	0
216	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	21	0	0	0
217	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	75	0	0	0
218	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	53	0	0	0
219	PFC GREEN ENERGY LTD.	17	0	0	0
220	POWER FINANCE CORPORATION LTD.	450	0	0	0
221	RURAL ELECTRIFICATION CORPN. LTD.	601	52	0	52
	<b>SUB TOTAL :</b>	<b>3237</b>	<b>52</b>	<b>0</b>	<b>52</b>
	<b>TELECOMMUNICATION SERVICES</b>				
222	BHARAT BROADBAND NETWORK LTD.	114	0	0	0
223	BHARAT SANCHAR NIGAM LTD.	225512	0	0	0
224	MAHANAGAR TELEPHONE NIGAM LTD.	33770	0	0	0
225	RAILTEL CORPORATION INDIA LTD.	525	0	0	0
	<b>SUB TOTAL :</b>	<b>259921</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>				
226	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	403	539	106	645
227	BHARTIYA RAIL BIJLEE CO. LTD.	125	0	0	0
228	BRAHAMPUTRA CRACKERS & POLYMER LTD.	430	192	125	317
229	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	647	0	0	0
230	KOLKATA METRO RAIL CORPORATION LTD.	33	0	0	0
231	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	33	0	0	0
232	MAHANADI BASIN POWER LTD.	10	0	0	0
233	MJSJ COAL LTD.	18	0	0	0
234	MNH SHAKTI LTD.	16	0	0	0
235	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	30	0	0	0
236	NEYVELI UTTAR PRADESH POWER LTD	17	0	0	0
237	NLC TAMIL NADU POWER LTD.	186	93	0	93
238	NMDC-CMDC LTD.	2	0	0	0
239	SETHUSAMUDRAM CORPN. LTD.	15	0	0	0
240	SIDCUL CONCOR INFRA COMPANY LTD.	5	0	0	0
241	SJVN THERMAL PVT. LTD.	39	0	0	0
242	VIZAG TRANSMISSION LTD.	4	0	0	0
	<b>GRAND TOTAL :</b>	<b>1291174</b>	<b>412153</b>	<b>20619</b>	<b>432772</b>

**STATEMENT - 22**  
**BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2015**

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non- Unionised	Skilled	Unskilled			
	<b>AGRO BASED INDUSTRIES</b>								
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT. DEV.CORP.LTD	7	243	11	804	0	31	3	1099
2	CREDA HPCL BIOFUEL LTD.	7	0	0	0	0	0	2	9
3	HPCL BIOFUELS LTD.	43	0	106	92	153	0	594	988
4	INDIAN OIL-CREDA BIOFUELS LTD.	3	0	0	0	0	0	0	3
5	NATIONAL SEEDS CORPN. LTD.	233	0	158	475	784	479	0	2129
	<b>SUB TOTAL :</b>	<b>293</b>	<b>243</b>	<b>275</b>	<b>1371</b>	<b>937</b>	<b>510</b>	<b>599</b>	<b>4228</b>
	<b>COAL</b>								
6	BHARAT COKING COAL LTD.	2454	4962	0	36289	12346	0	5783	61834
7	CENTRAL COALFIELDS LTD.	2706	4682	0	14375	23248	97	5819	50927
8	COAL INDIA LTD.	491	376	0	1415	613	1154	782	4831
9	EASTERN COALFIELDS LTD.	2472	4736	0	26597	34876	0	0	68681
10	MAHANADI COALFIELDLS LTD.	1884	3260	0	10654	6461	0	0	22259
11	NORTHERN COALFIELDS LTD.	1795	1518	0	12114	799	0	0	16226
12	SOUTH EASTERN COALFIELDS LTD.	3433	9961	0	33682	20724	0	0	67800
13	WESTERN COALFIELDS LTD.	2631	4626	295	24772	17747	0	0	50071
	<b>SUB TOTAL :</b>	<b>17866</b>	<b>34121</b>	<b>295</b>	<b>159898</b>	<b>116814</b>	<b>1251</b>	<b>12384</b>	<b>342629</b>
	<b>CRUDE OIL</b>								
14	BHARAT PETRO RESOURCES LTD.	50	0	0	0	0	0	0	50
15	OIL & NATURAL GAS CORPORATION LTD.	23656	2358	0	4657	2514	0	0	33185
16	OIL INDIA LTD.	1482	1170	0	3317	1923	0	6547	14439
17	ONGC VIDESH LTD.	1569	0	0	550	0	0	121	2240
18	PRIZE PETROLEUM COMPANY LTD.	1	0	22	0	0	0	0	23
	<b>SUB TOTAL :</b>	<b>26758</b>	<b>3528</b>	<b>22</b>	<b>8524</b>	<b>4437</b>	<b>0</b>	<b>6668</b>	<b>49937</b>
	<b>OTHER MINERALS &amp; METALS</b>								
19	EASTERN INVESTMENT LTD.	2	0	0	0	0	0	0	2
20	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	30	0	0	24	4	103	0	161
21	HINDUSTAN COPPER LTD.	588	0	73	2316	699	0	2352	6028
22	INDIAN RARE EARTHS LTD.	527	0	59	914	461	10	2213	4184
23	J & K MINERAL DEVELOPMENT CORPN. LTD.	0	0	0	2	3	0	0	5
24	KIOCL LTD.	269	0	49	588	41	0	359	1306
25	MOIL LTD.	339	2655	0	1526	1897	0	0	6417
26	NATIONAL ALUMINIUM COMPANY LTD.	1866	842	0	3876	736	0	10	7330
27	NMDC Ltd.	1218	0	276	3512	484	0	9516	15006
28	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	93	34	0	81	356	0	0	564
29	THE BISRA STONE LIME COMPANY LTD.	32	43	0	393	319	0	47	834
30	URANIUM CORPORATION OF INDIA LTD.	287	0	268	1342	2788	108	6	4799
	<b>SUB TOTAL :</b>	<b>5251</b>	<b>3574</b>	<b>725</b>	<b>14574</b>	<b>7788</b>	<b>221</b>	<b>14503</b>	<b>46636</b>
	<b>STEEL</b>								
31	FERRO SCRAP NIGAM LTD.	145	0	0	809	3	0	0	957

32	MISHRA DHATU NIGAM LTD.	242	0	105	355	134	168	251	1255
33	RASHTRIYA ISPAT NIGAM LTD.	5589	6220	729	3479	2120	0	15465	33602
34	SAIL REFRACTORY COMPANY LTD.	26	0	0	203	3	0	737	969
35	STEEL AUTHORITY OF INDIA LTD.	14648	0	0	70884	7820	17	69961	163330
<b>SUB TOTAL :</b>		<b>20650</b>	<b>6220</b>	<b>834</b>	<b>75730</b>	<b>10080</b>	<b>185</b>	<b>86414</b>	<b>200113</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>								
36	BHARAT PETROLEUM CORPN. LTD.	5564	0	0	3379	3744	0	22909	35596
37	CHENNAI PETROLEUM CORPORATION LTD.	195	0	549	879	5	0	2500	4128
38	GAIL (INDIA) LTD.	3354	0	0	912	0	0	13400	17666
39	GAIL GAS LTD.	107	11	0	0	0	0	40	158
40	HINDUSTAN PETROLEUM CORPN. LTD.	2152	0	3244	4129	1109	28	23657	34319
41	INDIAN OIL CORPORATION LTD.	15298	5960	0	10905	799	37	64	33063
42	MANGALORE REFINERY & PETROCHEMICALS LTD.	742	0	0	978	0	0	0	1720
43	NUMALIGARH REFINERY LTD.	431	0	0	443	4	0	0	878
<b>SUB TOTAL :</b>		<b>27843</b>	<b>5971</b>	<b>3793</b>	<b>21625</b>	<b>5661</b>	<b>65</b>	<b>62570</b>	<b>127528</b>
	<b>FERTILIZERS</b>								
44	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	399	0	0	421	15	0	698	1533
45	FERTILIZER CORPN. OF INDIA LTD.	4	0	7	2	0	0	0	13
46	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1184	0	0	871	537	383	1992	4967
47	HINDUSTAN FERTILIZER CORPN. LTD.	4	2	0	0	0	0	0	6
48	MADRAS FERTILIZERS LTD.	72	0	410	189	22	0	0	693
49	NATIONAL FERTILIZERS LTD.	1771	0	0	1917	110	1	2972	6771
50	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	977	1188	569	891	332	0	1199	5156
<b>SUB TOTAL :</b>		<b>4411</b>	<b>1190</b>	<b>986</b>	<b>4291</b>	<b>1016</b>	<b>384</b>	<b>6861</b>	<b>19139</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>								
51	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	67	89	0	227	22	0	0	405
52	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	25	57	33	0	0	0	40	155
53	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	26	4	51	5	113	110	9	318
54	HINDUSTAN ANTIBIOTICS LTD.	230	9	0	500	312	95	1	1147
55	HINDUSTAN FLUOROCARBONS LIMITED	102	0	0	24	25	26	8	185
56	HINDUSTAN INSECTICIDES LTD.	3	0	312	733	162	0	0	1210
57	HINDUSTAN ORGANIC CHEMICALS LTD.	271	278	56	388	48	127	292	1460
58	HLL BIOTECH LTD.	38	0	1	0	0	0	28	67
59	INDIAN DRUGS & PHARMACEUTICALS LTD.	60	35	0	0	0	0	105	200
60	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	9	96	26	0	0	0	250	381
61	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	244	0	0	464	20	0	0	728
62	ORISSA DRUGS & CHEMICALS LTD.	7	0	10	30	14	0	0	61
63	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	32	0	35	101	3	0	101	272
<b>SUB TOTAL :</b>		<b>1114</b>	<b>568</b>	<b>524</b>	<b>2472</b>	<b>719</b>	<b>358</b>	<b>834</b>	<b>6589</b>
	<b>HEAVY ENGINEERING</b>								
64	BHARAT BHARI UDYOG NIGAM LTD.	12	5	0	0	0	0	0	17

65	BHARAT HEAVY ELECTRICALS LTD.	12727	7416	1103	22067	1592	0	22600	67505
66	BHARAT WAGON & ENGG. CO. LTD.	29	0	56	623	3	0	0	711
67	BHEL ELECTRICAL MACHINES LTD.	18	7	4	95	51	0	27	202
68	BRAITHWAITE & CO. LTD.	47	30	18	235	0	19	385	734
69	BURN STANDARD COMPANY LTD.	40	117	0	526	0	0	1032	1715
70	HEAVY ENGINEERING CORPN. LTD.	733	0	328	696	0	0	0	1757
71	TUNGABHADRA STEEL PRODUCTS LTD.	5	0	14	56	0	0	0	75
<b>SUB TOTAL :</b>		<b>13611</b>	<b>7575</b>	<b>1523</b>	<b>24298</b>	<b>1646</b>	<b>19</b>	<b>24044</b>	<b>72716</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>								
72	ANDREW YULE & COMPANY LTD.	247	466	85	353	13832	0	66	15049
73	BALMER LAWRIE & CO. LTD.	469	0	227	115	554	0	174	1539
74	BEL OPTRONICS DEVICES LTD.	33	0	0	100	0	0	35	168
75	BHARAT DYNAMICS LTD.	880	0	0	1975	328	0	102	3285
76	BHARAT ELECTRONICS LTD.	5134	0	238	4052	279	2835	1573	14111
77	BHARAT PUMPS & COMPRESSORS LTD.	137	20	0	478	3	0	313	951
78	CENTRAL ELECTRONICS LTD.	208	0	0	307	3	14	84	616
79	ELECTRONICS CORPN. OF INDIA LTD.	1883	0	0	725	255	0	0	2863
80	HINDUSTAN CABLES LTD.	195	324	0	887	127	85	29	1647
81	HMT BEARINGS LTD.	13	0	9	26	7	0	69	124
82	HMT CHINAR WATCHES LTD.	3	0	4	42	5	0	0	54
83	HMT LTD.	195	0	93	1133	0	0	0	1421
84	HMT MACHINE TOOLS LTD.	482	0	226	876	634	0	0	2218
85	HMT WATCHES LTD.	136	0	17	849	3	0	0	1005
86	I T I LTD.	3054	0	0	2641	403	0	0	6098
87	IDPL (TAMILNADU) LTD.	7	0	0	64	41	0	99	211
88	INSTRUMENTATION LTD.	193	0	528	185	90	0	62	1058
89	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	75	0	81	66	30	43	407	702
90	RICHARDSON & CRUDDAS(1972) LTD.	6	0	4	7	0	0	102	119
91	SCOOTERS INDIA LTD.	116	0	43	421	14	0	399	993
92	VIGNYAN INDUSTRIES LTD.	21	0	0	65	27	0	141	254
<b>SUB TOTAL :</b>		<b>13487</b>	<b>810</b>	<b>1555</b>	<b>15367</b>	<b>16635</b>	<b>2977</b>	<b>3655</b>	<b>54486</b>
	<b>TRANSPORTATION EQUIPMENT</b>								
93	BEML LTD.	2482	3162	0	3722	233	0	4979	14578
94	COCHIN SHIPYARD LTD.	275	0	199	1312	0	3120	763	5669
95	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	484	189	186	1500	475	0	0	2834
96	GOA SHIPYARD LTD.	243	0	198	882	245	0	1492	3060
97	HINDUSTAN AERONAUTICS LTD.	9675	0	0	21409	60	396	11624	43164
98	HINDUSTAN SHIPYARD LTD.	334	641	0	663	8	4	624	2274
99	HOOGHLY DOCK AND PORT ENGINEERS LTD.	34	3	38	226	38	67	0	406
100	MAZAGON DOCK SHIPBUILDERS LTD.	1039	613	0	7264	9	0	2828	11753
<b>SUB TOTAL :</b>		<b>14566</b>	<b>4608</b>	<b>621</b>	<b>36978</b>	<b>1068</b>	<b>3587</b>	<b>22310</b>	<b>83738</b>
	<b>CONSUMER GOODS</b>								
101	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	100	0	0	203	11	234	21	569
102	CEMENT CORPN. OF INDIA LTD.	159	0	110	494	50	0	1597	2410
103	HINDUSTAN NEWSPRINT LTD.	120	0	55	379	86	191	428	1259
104	HINDUSTAN PAPER CORPORATION LTD.	331	0	133	1321	58	1	2577	4421

105	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	14	0	101	171	62	2	2	352
106	HINDUSTAN SALTS LTD.	20	0	34	45	123	123	11	356
107	HLL LIFECARE LTD.	525	0	207	858	224	0	950	2764
108	HOOGHLY PRINTING COMPANY LTD.	10	0	3	14	20	0	0	47
109	NAGALAND PULP & PAPER COMPANY LTD.	14	0	14	155	0	18	7	208
110	NEPA LTD.	152	0	0	483	0	177	0	812
111	SAMBHAR SALTS LTD.	12	0	20	86	0	222	10	350
112	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	341	886	269	6936	3352	91	579	12454
<b>SUB TOTAL :</b>		<b>1798</b>	<b>886</b>	<b>946</b>	<b>11145</b>	<b>3986</b>	<b>1059</b>	<b>6182</b>	<b>26002</b>
	<b>TEXTILES</b>								
113	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0
114	BRITISH INDIA CORPORATION LTD.	96	0	57	1181	156	0	0	1490
115	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	53	0	0	0	0	0	0	53
116	NATIONAL TEXTILE CORPN. LTD.	367	234	117	6436	876	3080	695	11805
<b>SUB TOTAL :</b>		<b>516</b>	<b>234</b>	<b>174</b>	<b>7617</b>	<b>1032</b>	<b>3080</b>	<b>695</b>	<b>13348</b>
	<b>POWER GENERATION</b>								
117	KANTI BIJLEE UTPADAN NIGAM LTD.	195	0	0	0	0	0	0	195
118	NEYVELI LIGNITE CORPN. LTD.	4277	0	72	10733	1363	0	14573	31018
119	NHDC LTD.	280	0	27	113	113	0	1085	1618
120	NHPC LTD.	3826	0	396	3443	1546	0	4201	13412
121	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	979	370	0	1158	58	270	26	2861
122	NTPC LTD.	12486	0	239	9386	385	0	0	22496
123	NUCLEAR POWER CORPN. OF INDIA LTD.	4312	0	1780	5503	0	0	0	11595
124	REC POWER DISTRIBUTION CO. LTD.	13	0	0	0	0	0	13	26
125	SVVN LTD.	818	28	278	599	101	0	0	1824
126	THDC INDIA LTD.	788	0	116	760	349	0	0	2013
<b>SUB TOTAL :</b>		<b>27974</b>	<b>398</b>	<b>2908</b>	<b>31695</b>	<b>3915</b>	<b>270</b>	<b>19898</b>	<b>87058</b>
	<b>POWER TRANSMISSION</b>								
127	NTPC ELECTRIC SUPPLY COMPANY LTD.	74	0	0	2	0	0	150	226
128	POWER GRID CORPORATION OF INDIA LTD.	3793	0	2094	2463	75	0	131	8556
129	REC TRANSMISSION PROJECTS CO. LTD.	0	0	0	0	0	0	0	0
<b>SUB TOTAL :</b>		<b>3867</b>	<b>0</b>	<b>2094</b>	<b>2465</b>	<b>75</b>	<b>0</b>	<b>281</b>	<b>8782</b>
	<b>TRADING &amp; MARKETING</b>								
130	ANTRIX CORPORATION LTD.	16	0	5	1	52	0	53	127
131	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	160	20	0	12	103	0	163	458
132	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	34	0	0	0	0	0	22	56
133	CENTRAL WAREHOUSING CORPN.	258	987	951	1504	857	0	0	4557
134	COTTON CORPN. OF INDIA LTD.	99	881	0	0	0	0	0	980
135	FOOD CORPN. OF INDIA	832	14289	4027	4070	50743	0	0	73961
136	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	25	0	39	36	19	230	44	393
137	HMT (INTERNATIONAL) LTD.	29	0	7	2	1	0	0	39
138	INDIA TRADE PROMOTION ORGANISATION	152	0	77	277	378	0	0	884



139	KARNATAKA TRADE PROMOTION ORGANISATION	2	0	0	0	0	0	0	2
140	M M T C LTD.	546	780	72	22	18	0	267	1705
141	M S T C LTD.	170	137	0	0	0	0	0	307
142	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	78	0	34	67	29	0	0	208
143	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	5	12	0	52	0	0	0	69
144	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	8	0	0	12	30	26	19	95
145	NTPC VIDYUT VYAPAR NIGAM LTD.	49	0	0	1	0	0	0	50
146	P E C LTD.	146	10	0	7	6	0	0	169
147	STATE TRADING CORPN. OF INDIA LTD.	498	0	0	158	82	1	0	739
148	STCL LTD.	6	4	0	2	2	0	0	14
149	TAMIL NADU TRADE PROMOTION ORGANISATION	5	0	0	0	0	0	23	28
150	THE JUTE CORPN. OF INDIA LTD.	50	36	62	222	218	280	13	881
<b>SUB TOTAL :</b>		<b>3168</b>	<b>17156</b>	<b>5274</b>	<b>6445</b>	<b>52538</b>	<b>537</b>	<b>604</b>	<b>85722</b>
	<b>TRANSPORT SERVICES</b>								
151	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	2205	133	3636	791	0	0	6765
152	AIR INDIA CHARTERS LTD.	103	103	0	0	565	0	0	771
153	AIR INDIA ENGINEERING SERVICES LTD.	1500	2200	0	300	0	0	0	4000
154	AIR INDIA LTD.	2918	3985	0	4191	2919	2349	0	16362
155	AIRLINE ALLIED SERVICES LTD.	400	0	0	45	219	121	664	1449
156	AIRPORTS AUTHORITY OF INDIA	7493	2581	0	4308	3028	0	0	17410
157	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	5	0	1	181	65	0	0	252
158	CONCOR AIR LTD.	0	0	0	0	0	0	0	0
159	CONTAINER CORPORATION OF INDIA LTD.	284	0	187	861	0	0	0	1332
160	DREDGING CORPN. OF INDIA LTD.	307	9	0	169	75	0	523	1083
161	FRESH & HEALTHY ENTERPRISES LTD.	12	0	0	3	12	0	5	32
162	KAMARAJAR PORT LTD.	60	0	0	25	17	0	0	102
163	PAWAN HANS LTD.	172	181	0	103	0	0	413	869
164	SHIPPING CORPORATION OF INDIA LTD.	669	123	0	0	0	0	0	792
<b>SUB TOTAL :</b>		<b>13923</b>	<b>11387</b>	<b>321</b>	<b>13822</b>	<b>7691</b>	<b>2470</b>	<b>1605</b>	<b>51219</b>
	<b>CONTRACT &amp; CONSTRUCTION SERVICES</b>								
165	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	52	36	0	302	173	462	0	1025
166	BRIDGE & ROOF CO.(INDIA) LTD.	747	413	0	179	70	0	650	2059
167	HINDUSTAN PREFAB LTD.	14	0	76	122	44	0	189	445
168	HINDUSTAN STEELWORKS COSTN. LTD.	55	13	0	36	2	0	0	106
169	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	9	1	0	0	3	0	1	14
170	IRCON INFRASTRUCTURE & SERVICES LTD.	6	0	2	1	0	0	73	82
171	IRCON INTERNATIONAL LTD.	709	0	320	330	0	0	113	1472
172	KONKAN RAILWAY CORPORATION LTD.	184	1389	0	2611	759	0	5	4948
173	MINERAL EXPLORATION CORPN. LTD.	286	107	0	952	10	20	0	1375
174	MUMBAI RAILWAY VIKAS CORPORATION LTD.	60	0	116	8	14	1	0	199

175	NATIONAL BLDG. CONSTN. CORPN. LTD.	419	234	437	931	26	77	225	2349
176	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	273	97	137	541	126	0	0	1174
177	PROJECTS & DEVELOPMENT INDIA LTD.	364	12	0	17	0	0	93	486
178	RAIL VIKAS NIGAM LTD.	390	0	0	0	25	0	0	415
<b>SUB TOTAL :</b>		<b>3568</b>	<b>2302</b>	<b>1088</b>	<b>6030</b>	<b>1252</b>	<b>560</b>	<b>1349</b>	<b>16149</b>
	<b>INDUSTRIAL DEVELOPMENT &amp; TECH.CONSULTANCY SERVICES</b>								
179	AGRINNOVATE INDIA LTD.	1	0	3	2	2	0	7	15
180	BROADCAST ENGG. CONSULTANTS INDIA LTD.	40	0	27	0	0	0	0	67
181	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	934	868	0	606	1221	0	0	3629
182	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	70	0	3	0	0	0	23	96
183	EdCIL(India) Ltd.	36	0	16	15	11	0	78	156
184	ENGINEERING PROJECTS (INDIA) LTD.	363	0	52	18	3	0	106	542
185	ENGINEERS INDIA LTD.	926	0	1979	257	4	0	0	3166
186	HSCC (INDIA) LTD.	118	0	17	9	7	0	0	151
187	MECON LTD.	1368	72	0	34	89	0	0	1563
188	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	0	0	0	0
189	NATIONAL RESEARCH DEVELOPMENT CORPN.	40	13	0	12	15	0	5	85
190	NATIONAL SMALL INDUSTRIES CORPN. LTD.	510	146	0	157	67	0	0	880
191	PFC CAPITAL ADVISORY SERVICE LTD.	6	1	0	0	0	0	0	7
192	PFC CONSULTING LTD.	0	0	0	0	0	0	0	0
193	POWER SYSTEM OPERATION CORPORATION LTD.	295	0	49	93	7	0	136	580
194	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1	0	0	0	0	0	0	1
195	rites INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0	0	0	0
196	rites LTD.	1564	0	258	216	241	0	832	3111
197	SOLAR ENERGY CORPORATION OF INDIA	30	0	6	0	0	0	0	36
198	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	407	213	0	266	0	9	0	895
199	WAPCOS LTD.	531	31	24	47	41	0	1513	2187
<b>SUB TOTAL :</b>		<b>7240</b>	<b>1344</b>	<b>2434</b>	<b>1732</b>	<b>1708</b>	<b>9</b>	<b>2700</b>	<b>17167</b>
	<b>TOURIST SERVICES</b>								
200	ASSAM ASHOK HOTEL CORPN. LTD.	5	7	0	46	7	0	60	125
201	DONYI POLO ASHOK HOTEL LTD.	2	0	0	24	0	0	20	46
202	HOTEL CORPN. OF INDIA LTD.	478	245	0	478	0	0	0	1201
203	INDIA TOURISM DEV. CORPN. LTD.	285	72	0	998	222	0	96	1673
204	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	293	0	533	676	0	0	9	1511
205	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	4	8	0	48	0	0	45	105
206	PONDICHERRY ASHOK HOTEL CORPN. LTD.	2	0	7	10	0	0	17	36
207	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	4	0	1	24	13	0	0	42
208	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	10	13	0	0	23
<b>SUB TOTAL :</b>		<b>1073</b>	<b>332</b>	<b>541</b>	<b>2314</b>	<b>255</b>	<b>0</b>	<b>247</b>	<b>4762</b>

	<b>FINANCIAL SERVICES</b>								
209	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0
210	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	27	0	0	0	0	0	0	27
211	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0	0	0	0	0	0
212	E. C. G. C. LTD.	210	346	0	0	99	57	0	712
213	HOUSING & URBAN DEV. CORPN. LTD.	546	0	119	108	119	0	0	892
214	INDIA INFRASTRUCTURE FINANCE CO. LTD.	78	0	0	0	1	0	0	79
215	INDIAN RAILWAY FINANCE CORPORATION LTD.	8	0	0	8	3	0	0	19
216	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	94	0	13	2	18	0	29	156
217	INDIAN VACCINE CORP. LTD.	1	0	2	0	0	0	0	3
218	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	4	0	0	0	0	0	0	4
219	KUMARAKRUPPA FRONTIER HOTELS LTD.	2	0	0	1	0	0	0	3
220	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	10	0	7	30	0	0	0	47
221	NATIONAL FILM DEV. CORPN. LTD.	25	0	17	12	45	0	0	99
222	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	13	0	1	13	5	0	0	32
223	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	12	0	4	3	14	0	37	70
224	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVP. CORPN	9	0	2	7	3	0	25	46
225	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	32	0	7	23	13	0	0	75
226	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	22	0	4	27	0	0	0	53
227	PFC GREEN ENERGY LTD.	15	2	0	0	0	0	0	17
228	POWER FINANCE CORPORATION LTD.	338	86	0	22	4	0	3	453
229	RURAL ELECTRIFICATION CORPN. LTD.	427	0	0	95	79	0	0	601
<b>SUB TOTAL :</b>		<b>1873</b>	<b>434</b>	<b>176</b>	<b>351</b>	<b>403</b>	<b>57</b>	<b>94</b>	<b>3388</b>
	<b>TELECOMMUNICATION SERVICES</b>								
230	BHARAT BROADBAND NETWORK LTD.	114	0	0	0	0	0	230	344
231	BHARAT SANCHAR NIGAM LTD.	46694	0	0	178818	0	3469	0	228981
232	MAHANAGAR TELEPHONE NIGAM LTD.	4734	0	0	19949	9087	18	0	33788
233	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0
234	RAILTEL CORPORATION INDIA LTD.	519	0	6	0	0	0	87	612
235	TCIL BINA TOLL ROAD LTD.	0	0	0	0	0	0	0	0
<b>SUB TOTAL :</b>		<b>52061</b>	<b>0</b>	<b>6</b>	<b>198767</b>	<b>9087</b>	<b>3487</b>	<b>317</b>	<b>263725</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>								
236	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0	0	0	0	0	0
237	BAIRA SIUL SARNA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
238	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0	0	0	0	0	0
239	BEL-THALES SYSTEMS LTD.	0	0	0	0	0	0	0	0
240	BHARAT PETRO RESOURCES JPDA	0	0	0	0	0	0	0	0
241	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	177	86	0	140	0	0	0	403
242	BHARTIYA RAIL BIJLEE CO. LTD.	125	0	0	0	0	0	0	125

243	BRAHAMPUTRA CRACKERS & POLYMER LTD.	348	0	82	0	0	0	0	430
244	BUNDELKHAND SAUR URJA LTD.	0	0	0	0	0	0	0	0
245	CHEYUR INFRA LTD.	0	0	0	0	0	0	0	0
246	CHHATTIS GARH-WR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
247	CHHATTISHGARH SURGUJA POWER LTD.	0	0	0	0	0	0	0	0
248	COASTAL KARNATAKA POWER LTD.	0	0	0	0	0	0	0	0
249	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
250	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	0	0	0	0
251	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	615	0	0	0	32	0	0	647
252	DEOGHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
253	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
254	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	0	0	0	0	0	0
255	HLL INFRA TECH SERVICES LTD.	0	0	0	0	0	0	0	0
256	HPCL RAJASTHAN REFINERY LTD.	0	0	0	0	0	0	0	0
257	INDIAN CATALYST PVT. LTD.	0	0	0	0	0	0	0	0
258	IRCON PB TOLLWAY LTD.	0	0	0	0	0	0	0	0
259	JAGDISHPUR PAPER MILLS LTD.	0	0	0	0	0	0	0	0
260	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0	0	0	0	0	0
261	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0	0	0	0	0	0
262	KOLKATA METRO RAIL CORPORATION LTD.	19	0	12	0	2	0	0	33
263	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	17	0	0	11	5	0	50	83
264	MAHANADI BASIN POWER LTD.	8	0	1	0	1	0	0	10
265	MJSJ COAL LTD.	18	0	0	0	0	0	0	18
266	MNH SHAKTI LTD.	8	8	0	0	0	0	0	16
267	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
268	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	30	0	0	0	0	0	0	30
269	NELLORE TRANSMISSION LTD.	0	0	0	0	0	0	0	0
270	NEYVELI UTTAR PRADESH POWER LTD	16	0	0	1	0	0	10	27
271	NLC TAMIL NADU POWER LTD.	172	10	1	0	3	0	0	186
272	NMDC POWER LTD.	0	0	0	0	0	0	0	0
273	NMDC-CMDC LTD.	0	0	0	2	0	0	0	2
274	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	0	0	0	0	0	0
275	NPCIL - NALCO POWER COMPANY LTD.	0	0	0	0	0	0	0	0
276	ODISHA INFRAPOWER LTD.	0	0	0	0	0	0	0	0
277	OIL INDIA INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
278	ORISSA INTEGRATED POWER LTD.	0	0	0	0	0	0	0	0
279	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
280	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	0	0	0	0	0	0

281	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	0	0	0	0
282	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0	0	0	0	0	0
283	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	4	4
284	RAILTEL ENTERPRISES LTD.	0	0	0	0	0	0	0	0
285	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
286	SAIL JAGADISHPUR POWER PLANT LTD.	0	0	0	0	0	0	0	0
287	SAIL SINDRI PROJECTS LTD.	0	0	0	0	0	0	0	0
288	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
289	SETHUSAMUDRAM CORPN. LTD.	3	0	8	0	4	0	10	25
290	SIDCUL CONCOR INFRA COMPANY LTD.	3	0	2	0	0	0	1	6
291	SIPAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0
292	SJVN THERMAL PVT. LTD.	23	2	0	8	6	0	0	39
293	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0	0	0	0	0	0
294	TANDA TRANSMISSION COMPANY LTD.	0	0	0	0	0	0	0	0
295	TATIYA ANDHRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
296	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	0	0	0	0	0
297	UNCHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
298	VIZAG TRANSMISSION LTD.	4	0	0	0	0	0	0	4
<b>SUB TOTAL :</b>		<b>1586</b>	<b>106</b>	<b>106</b>	<b>162</b>	<b>53</b>	<b>0</b>	<b>75</b>	<b>2088</b>
<b>GRAND TOTAL :</b>		<b>264497</b>	<b>102987</b>	<b>27221</b>	<b>647673</b>	<b>248796</b>	<b>21086</b>	<b>274889</b>	<b>1587149</b>

## STATEMENT – 23

### TOWNSHIP MAINTENANCE EXPENDITURE IN CPSEs (COGNATE GROUP)

(₹ in Crore)

S.No	Cognate Group	TOWNSHIP MAINTAINANCE						Social Overheads on Education, Medical and Cultural Activities	Grand Total
		Township Office and Administration	Depreciation on Township Outlay	Interest on Township Outlay	Total Gross Expenditure	Less Rent Receipt and Other Income	Net Expenditure		
1	AGRO BASED INDUSTRIES	0	0	0	0	0	0	0	0
2	COAL	502.85	70.54	0	573.39	11.8	561.59	1082.53	1644.12
3	CRUDE OIL	32.75	0	0	32.75	0	32.75	180.53	213.28
4	OTHER MINERALS & METALS	70.85	25.55	0	96.4	13.93	82.47	166.99	249.46
5	STEEL	13.03	8.13	0	21.16	15.52	5.64	62.54	68.18
6	PETROLEUM (REFINERY & MARKETING)	320.16	123.81	17.74	461.71	33.7	428.01	129.59	557.6
7	FERTILIZERS	35.38	6.17	11.05	52.6	44.47	8.13	17.99	26.12
8	CHEMICALS & PHARMACEUTICALS	0.76	0.1	0	0.86	1.28	-0.42	8.11	7.69
9	HEAVY ENGINEERING	112.84	13.33	0	126.17	15.04	111.13	205.16	316.29
10	MEDIUM & LIGHT ENGINEERING	25.34	4.87	1.29	31.5	25	6.5	130.37	136.87
11	TRANSPORTATION EQUIPMENT	69.6	8.78	0	78.38	2.57	75.81	38.56	114.37
12	CONSUMER GOODS	50.25	12.32	0.02	62.59	1.29	61.3	4.92	66.22
13	TEXTILES	0.01	0	0	0.01	0	0.01	3.36	3.37
14	POWER GENERATION	524.6	86.63	13.48	624.71	67.02	557.69	469.44	1027.13
15	POWER TRANSMISSION	20.31	26.01	0	46.32	8.64	37.68	80.72	118.4
16	TRADING & MARKETING	2.16	0.35	0	2.51	0.11	2.4	21.61	24.01
17	TRANSPORT SERVICES	14.41	0.38	0	14.79	0	14.79	5.48	20.27
18	CONTRACT & CONSTRUCTION SERVICES	6.56	1.43	0	7.99	3.92	4.07	14.19	18.26
19	INDUSTRIAL DEVELOPMENT & TECH. CONSULTANCY SERVICES	32.83	3.14	0	35.97	3.74	32.23	26.82	59.05
20	TOURIST SERVICES	0	0	0	0	0	0	0.18	0.18
21	FINANCIAL SERVICES	1.16	0.87	0	2.03	1.05	0.98	7.55	8.53
22	TELECOMMUNICATION SERVICES	0	0	0	0	0	0	0	0
23	ENTERPRISES UNDER CONSTRUCTION	3.42	10.95	1.37	15.74	0.73	15.01	1.67	16.68
	GRAND TOTAL :	1839.27	403.36	44.95	2287.58	249.81	2037.77	2658.31	4696.08

Total Net Expenditure = 4696.08

Add Rent Receipts and Other Income = 249.81

**Total Gross Expenditure = 4945.89**



**STATEMENT – 24**  
**Representation of SCs, STs and OBCs in the CPSEs under different Ministries/Departments as on 31.3.2015**

S.N.	Ministry / Deptt. / CPSE	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs
MINISTRY OF AGRICULTURE		Group A Managerial/Executives Level			Group B Supervisory Level			Group C Workers (Skilled)			Group D Workers (Un-Skilled)						
D/O AGRICULTURE AND COOPERATION																	
1	NATIONAL SEEDS CORPN. LTD.	233	36	9	45	158	21	7	27	475	89	17	89	784	169	21	237
SUB TOTAL :		233	36	9	45	158	21	7	27	475	89	17	89	784	169	21	237
MINISTRY OF AGRICULTURE																	
D/O OF AGRICULTURE RESEARCH AND EDUCATION																	
2	AGRINNOVATE INDIA LTD.	1	0	0	0	3	0	0	0	2	0	0	0	2	1	0	0
SUB TOTAL :		1	0	0	0	3	0	0	0	2	0	0	0	2	1	0	0
MINISTRY OF AYUSH																	
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	9	0	0	0	122	0	0	0	0	0	0	0	0	0	0	0
SUB TOTAL :		9	0	0	0	122	0	0	0	0	0	0	0	0	0	0	0
MINISTRY OF CHEMICALS & FERTILIZERS																	
D/O CHEMICALS & PETROCHEMICALS																	
4	HINDUSTAN FLUOROCARBONS LIMITED	102	9	1	16	0	0	0	0	24	7	4	15	25	6	11	7
5	HINDUSTAN INSECTICIDES LTD.	3	0	0	0	312	37	5	50	733	113	31	298	162	43	37	58
6	HINDUSTAN ORGANIC CHEMICALS LTD.	271	36	15	18	334	61	13	10	388	29	4	55	48	22	12	34
SUB TOTAL :		376	45	16	34	646	98	18	60	1145	149	39	368	235	71	60	99
MINISTRY OF CHEMICALS & FERTILIZERS																	
D/O FERTILIZER																	
7	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	399	35	43	114	0	0	0	0	421	29	79	145	15	4	1	2
8	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	30	5	0	5	0	0	0	0	24	2	2	4	4	0	0	0
9	FERTILIZER CORPN. OF INDIA LTD.	4	1	1	0	7	3	0	1	2	0	0	0	0	0	0	0
10	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1184	140	42	255	0	0	0	0	871	118	23	362	537	77	17	220
11	HINDUSTAN FERTILIZER CORPN. LTD.	4	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0
12	MADRAS FERTILIZERS LTD.	72	11	2	3	410	86	3	17	189	54	1	66	22	14	0	1
13	NATIONAL FERTILIZERS LTD.	1771	398	121	104	0	0	0	0	1917	507	117	181	110	90	1	5
14	PROJECTS & DEVELOPMENT INDIA LTD.	364	50	17	66	12	2	0	4	17	4	1	2	0	0	0	0
15	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	977	146	27	75	1757	244	105	111	891	111	92	178	332	51	36	73
SUB TOTAL :		4805	787	253	622	2188	337	108	133	4332	825	315	938	1020	236	55	301
MINISTRY OF CHEMICALS & FERTILIZERS																	
D/O PHARMACEUTICALS																	
16	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	67	9	0	2	89	11	0	0	227	33	3	2	22	0	0	0
17	HINDUSTAN ANTIBIOTICS LTD.	230	28	8	17	9	1	0	1	500	68	19	86	312	69	15	34
18	IDPL (TAMILNADU) LTD.	7	0	0	4	0	0	0	3	64	1	0	0	41	0	0	3
19	INDIAN DRUGS & PHARMACEUTICALS LTD.	60	3	0	0	35	0	0	0	0	1	0	4	0	7	0	0
20	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	244	35	2	29	0	0	0	0	464	63	24	84	20	0	0	0

21	ORISSA DRUGS & CHEMICALS LTD.	7	0	0	0	10	1	0	1	30	5	0	7	14	6	0	0
22	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	32	2	0	4	35	6	4	5	101	18	15	15	3	0	0	0
	<b>SUB TOTAL :</b>	<b>647</b>	<b>77</b>	<b>10</b>	<b>56</b>	<b>178</b>	<b>19</b>	<b>4</b>	<b>10</b>	<b>1386</b>	<b>189</b>	<b>61</b>	<b>198</b>	<b>412</b>	<b>82</b>	<b>15</b>	<b>37</b>
<b>MINISTRY OF CIVIL AVIATION</b>																	
23	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	0	0	2338	0	0	0	3636	0	0	0	791	0	0	0
24	AIR INDIA CHARTERS LTD.	103	0	0	0	103	0	29	0	0	108	0	167	565	0	0	0
25	AIR INDIA ENGINEERING SERVICES LTD.	1500	0	0	0	2200	0	0	0	300	0	0	0	0	0	0	0
26	AIR INDIA LTD.	2918	130	38	17	3985	837	361	212	4191	964	411	419	2919	1032	194	139
27	AIRLINE ALLIED SERVICES LTD.	400	0	0	0	0	88	42	0	45	0	0	0	219	0	0	0
28	AIRPORTS AUTHORITY OF INDIA	7493	1010	404	1014	2581	401	147	204	4308	953	361	937	3028	1464	260	382
29	HOTEL CORPN. OF INDIA LTD.	478	0	0	0	245	0	0	0	478	0	0	0	0	0	0	0
30	PAWAN HANS LTD.	172	14	4	10	181	35	15	14	103	26	19	14	0	0	0	0
	<b>SUB TOTAL :</b>	<b>13064</b>	<b>1154</b>	<b>446</b>	<b>1041</b>	<b>11633</b>	<b>1361</b>	<b>594</b>	<b>430</b>	<b>13061</b>	<b>2051</b>	<b>791</b>	<b>1537</b>	<b>7522</b>	<b>2496</b>	<b>454</b>	<b>521</b>
<b>MINISTRY OF COAL</b>																	
31	BHARAT COKING COAL LTD.	2454	269	61	206	4962	47	27	360	36289	9161	2853	10119	12346	4225	583	4091
32	CENTRAL COALFIELDS LTD.	2706	239	152	301	4682	172	117	419	14375	3624	2864	5132	23248	6093	4140	5641
33	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	934	90	41	171	868	66	29	77	606	198	140	183	1221	69	52	155
34	COAL INDIA LTD.	491	28	20	6	376	11	6	25	1415	129	65	86	613	12	29	4
35	EASTERN COALFIELDS LTD.	2472	327	101	208	4736	374	155	1012	26597	9529	4219	9798	34876	8581	4474	6076
36	MAHANADI COALFIELDS LTD.	1884	142	61	194	3260	255	168	90	10654	971	555	96	6461	842	483	76
37	NEVELI LIGNITE CORPN. LTD.	4277	886	294	377	72	11	100	31	10733	2092	3	2779	1363	311	2	628
38	NORTHERN COALFIELDS LTD.	1795	109	28	47	1518	476	99	285	12114	1853	893	1606	799	684	209	308
39	SOUTH EASTERN COALFIELDS LTD.	3433	284	135	269	9961	523	691	714	33682	7619	8649	8999	20724	5133	5640	6231
40	WESTERN COALFIELDS LTD.	2631	202	49	468	4921	620	194	1288	24772	7306	2664	3071	17747	2060	1243	9214
	<b>SUB TOTAL :</b>	<b>23077</b>	<b>2576</b>	<b>942</b>	<b>2247</b>	<b>35356</b>	<b>2555</b>	<b>1586</b>	<b>4301</b>	<b>171237</b>	<b>42482</b>	<b>22905</b>	<b>41869</b>	<b>119398</b>	<b>28010</b>	<b>16855</b>	<b>32424</b>
<b>MINISTRY OF COMMERCE &amp; INDUSTRY</b>																	
<b>D/O COMMERCE</b>																	
41	E. C. G. C. LTD.	210	31	9	24	346	58	23	65	0	12	3	1	99	3	0	0
42	INDIA TRADE PROMOTION ORGANISATION	152	35	10	10	77	12	4	1	277	51	6	17	378	129	3	10
43	KARNATAKA TRADE PROMOTION ORGANISATION	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
44	M M T C LTD.	546	107	40	39	852	188	87	48	22	38	0	29	18	0	0	0
45	P E C LTD.	146	25	5	20	10	2	1	1	7	4	0	1	6	3	1	0
46	STATE TRADING CORPN. OF INDIA LTD.	498	117	27	39	0	0	0	0	158	29	15	11	82	40	8	5
47	STCL LTD.	6	0	0	0	4	0	0	0	2	0	0	2	2	0	0	0
48	TAMIL NADU TRADE PROMOTION ORGANISATION	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0
	<b>SUB TOTAL :</b>	<b>1565</b>	<b>316</b>	<b>91</b>	<b>138</b>	<b>1289</b>	<b>260</b>	<b>115</b>	<b>115</b>	<b>466</b>	<b>134</b>	<b>24</b>	<b>61</b>	<b>585</b>	<b>175</b>	<b>12</b>	<b>15</b>
<b>MINISTRY OF COMMUNICATIONS &amp; INFORMATION TECHNOLOGY</b>																	
<b>D/O TELECOMMUNICATIONS</b>																	
49	BHARAT BROADBAND NETWORK LTD.	114	13	4	11	0	0	0	0	0	0	0	0	0	0	0	0
50	BHARAT SANCHAR NIGAM LTD.	46694	7729	2388	5986	0	0	0	0	178818	32582	9303	14582	0	0	0	0
51	ITI LTD.	3054	478	39	244	0	0	0	0	2641	424	18	392	403	90	1	45
52	MAHANAGAR TELEPHONE NIGAM LTD.	4734	663	117	112	0	0	0	0	19949	3357	346	84	9087	2194	724	8
53	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



76	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	341	54	17	60	1155	197	101	118	6936	1535	691	916	3352	678	206	136
	<b>SUB TOTAL :</b>	<b>341</b>	<b>54</b>	<b>17</b>	<b>60</b>	<b>1155</b>	<b>197</b>	<b>101</b>	<b>118</b>	<b>6936</b>	<b>1535</b>	<b>691</b>	<b>916</b>	<b>3352</b>	<b>678</b>	<b>206</b>	<b>136</b>
<b>MINISTRY OF HEALTH &amp; FAMILY WELFARE</b>																	
<b>DEPARTMENT OF HEALTH AND FAMILY WELFARE</b>																	
77	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	26	0	0	10	55	1	0	25	5	0	0	3	113	7	0	84
78	HLL BIOTECH LTD.	38	5	0	6	1	6	0	11	0	0	0	0	0	0	0	0
79	HLL LIFECARE LTD.	525	58	9	95	207	34	17	41	858	127	33	235	224	65	14	55
80	HSCC (INDIA) LTD.	118	13	2	17	17	4	0	1	9	8	0	0	7	0	0	0
	<b>SUB TOTAL :</b>	<b>707</b>	<b>76</b>	<b>11</b>	<b>128</b>	<b>280</b>	<b>45</b>	<b>17</b>	<b>78</b>	<b>872</b>	<b>135</b>	<b>33</b>	<b>238</b>	<b>344</b>	<b>72</b>	<b>14</b>	<b>139</b>
<b>MINISTRY OF HEAVY INDUSTRIES &amp; PUBLIC ENTERPRISES</b>																	
<b>D/O HEAVY INDUSTRIES</b>																	
81	ANDREW YULE & COMPANY LTD.	247	13	5	35	551	6	0	9	353	2467	4337	7500	13832	50	33	70
82	BHARAT BHARI UDYOG NIGAM LTD.	12	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0
83	BHARAT HEAVY ELECTRICALS LTD.	12727	2159	921	2671	8519	1596	493	1896	22067	5010	1386	7964	1592	196	12	165
84	BHARAT PUMPS & COMPRESSORS LTD.	137	14	1	26	20	4	0	9	478	78	2	176	3	0	0	2
85	BHEL ELECTRICAL MACHINES LTD.	18	1	0	11	11	1	0	6	95	6	5	64	51	3	2	40
86	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	52	5	0	2	36	1	0	1	302	0	0	0	173	1	0	0
87	BRIDGE & ROOF CO.(INDIA) LTD.	747	122	8	49	413	24	1	13	179	21	4	7	70	8	0	0
88	CEMENT CORPN. OF INDIA LTD.	159	15	3	12	110	17	3	12	494	83	84	75	50	0	0	0
89	ENGINEERING PROJECTS (INDIA) LTD.	363	60	12	46	52	8	1	8	18	4	0	7	3	0	0	1
90	HEAVY ENGINEERING CORPN. LTD.	733	0	0	0	328	0	0	0	696	0	0	0	0	0	0	0
91	HINDUSTAN CABLES LTD.	195	25	4	15	324	46	8	38	887	111	12	77	127	91	20	27
92	HINDUSTAN NEWSPRINT LTD.	120	4	0	22	55	2	1	9	379	21	1	107	86	17	0	43
93	HINDUSTAN PAPER CORPORATION LTD.	331	27	27	46	133	24	12	13	1321	155	155	116	58	13	13	8
94	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	14	4	1	6	101	18	6	57	171	34	12	80	62	25	0	33
95	HINDUSTAN SALTS LTD.	20	2	1	1	34	6	1	6	45	8	3	5	123	0	0	0
96	HMT (INTERNATIONAL) LTD.	29	3	2	1	7	0	0	0	2	0	1	0	1	0	0	0
97	HMT BEARINGS LTD.	13	3	0	1	9	2	0	3	26	7	0	12	7	0	0	0
98	HMT CHINAR WATCHES LTD.	3	0	0	0	4	0	0	0	42	0	0	0	5	0	0	0
99	HMT LTD.	195	33	0	7	93	18	3	7	1133	266	43	91	0	0	0	0
100	HMT MACHINE TOOLS LTD.	482	0	0	0	226	0	0	0	876	0	0	0	634	0	0	0
101	HMT WATCHES LTD.	136	23	3	24	17	0	0	0	849	164	31	120	3	1	0	0
102	HOOGHLY PRINTING COMPANY LTD.	10	0	0	0	3	0	0	0	14	0	0	0	20	2	0	0
103	INSTRUMENTATION LTD.	193	29	8	17	528	93	26	101	185	29	14	54	90	22	3	30
104	NAGALAND PULP & PAPER COMPANY LTD.	14	0	3	0	14	2	0	0	155	2	133	0	0	0	0	0
105	NEPA LTD.	152	9	1	19	0	0	0	0	483	44	13	37	0	0	0	0
106	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	75	9	3	15	81	8	0	14	66	23	5	17	30	8	2	11
107	RICHARDSON & CRUDDAS(1972) LTD.	6	0	0	1	4	1	0	0	7	2	0	0	0	0	0	0
108	SAMBHAR SALTS LTD.	12	1	1	0	20	2	0	0	86	22	0	0	0	0	0	0
109	SCOOTERS INDIA LTD.	116	17	1	20	43	6	0	14	421	107	0	119	14	0	0	3
110	TUNGABHADRA STEEL PRODUCTS LTD.	5	0	0	3	14	2	0	4	56	19	2	17	0	0	0	0
	<b>SUB TOTAL :</b>	<b>17316</b>	<b>2578</b>	<b>1005</b>	<b>3050</b>	<b>11755</b>	<b>1887</b>	<b>555</b>	<b>2220</b>	<b>31886</b>	<b>8683</b>	<b>6243</b>	<b>16645</b>	<b>17034</b>	<b>437</b>	<b>85</b>	<b>433</b>
<b>MINISTRY OF HOME AFFAIRS</b>																	



132	GAIL (INDIA) LTD.	3354	546	228	584	0	0	0	0	0	912	163	58	252	0	0	0	0
133	GAIL GAS LTD.	107	14	6	9	11	0	0	0	1	0	0	0	0	0	0	0	0
134	HINDUSTAN PETROLEUM CORPN. LTD.	2152	416	181	4	3244	549	248	746	4129	787	367	113	1109	305	124	12	12
135	HPCL BIOFUELS LTD.	43	3	0	12	106	15	1	37	92	5	3	19	153	12	10	70	70
136	INDIAN OIL CORPORATION LTD.	15298	2541	1081	2254	5960	979	602	305	10905	2182	793	1923	799	230	65	56	56
137	INDIAN OIL-CREDA BIOFUELS LTD.	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
138	MANGALORE REFINERY & PETROCHEMICALS LTD.	742	56	18	145	0	0	0	0	0	978	95	33	376	0	0	0	0
139	NUMALIGARH REFINERY LTD.	431	52	33	107	0	0	0	0	0	443	37	62	146	4	2	1	0
140	OIL & NATURAL GAS CORPORATION LTD.	23656	3777	1915	2504	2358	308	350	200	4657	579	535	1522	2514	449	253	352	352
141	OIL INDIA LTD.	1482	195	131	318	1170	69	103	321	3317	233	431	1022	1923	121	222	598	598
142	ONGC VIDESH LTD.	1569	41	12	26	0	0	0	0	550	0	0	2	0	0	0	0	0
143	PRIZE PETROLEUM COMPANY LTD.	1	0	0	0	22	0	0	4	0	0	0	0	0	0	0	0	0
	SUB TOTAL :	56119	8815	3997	6842	15629	2406	1412	2084	30613	5153	2612	6333	10809	1567	821	1334	1334
MINISTRY OF POWER																		
144	KANTI BIJLEE UTPADAN NIGAM LTD.	195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	NHDC LTD.	280	33	15	64	27	7	3	2	113	15	13	31	113	30	17	32	32
146	NHPC LTD.	3826	566	251	671	396	47	14	54	3443	350	135	156	1546	275	112	76	76
147	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	979	83	193	138	370	18	107	59	1158	76	437	180	58	3	49	0	0
148	NTPC ELECTRIC SUPPLY COMPANY LTD.	74	14	3	11	0	0	0	0	2	1	0	0	0	0	0	0	0
149	NTPC LTD.	12486	1803	661	2388	239	1	0	0	9386	1767	788	1307	385	0	0	0	0
150	NTPC VIDYUT VYAPAR NIGAM LTD.	49	4	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0
151	PFC CAPITAL ADVISORY SERVICE LTD.	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
152	PFC CONSULTING LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	PFC GREEN ENERGY LTD.	15	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0
154	POWER FINANCE CORPORATION LTD.	338	55	17	57	86	14	5	15	22	6	3	2	4	0	0	1	1
155	POWER GRID CORPORATION OF INDIA LTD.	3793	515	204	768	2094	302	167	448	2463	337	220	491	75	16	5	22	22
156	POWER SYSTEM OPERATION CORPORATION LTD.	295	45	11	43	49	5	2	9	93	24	4	6	7	0	0	0	0
157	REC POWER DISTRIBUTION CO. LTD.	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	REC TRANSMISSION PROJECTS CO. LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	RURAL ELECTRIFICATION CORPN. LTD.	427	42	14	53	0	0	0	0	95	15	0	3	79	24	1	3	3
160	SIVN LTD.	818	103	52	114	306	67	9	25	599	142	31	38	101	15	9	1	1
161	THDC INDIA LTD.	788	86	16	61	116	5	0	5	760	137	11	76	349	48	0	8	8
	SUB TOTAL :	24382	3349	1437	4370	3686	466	307	617	18135	2870	1642	2290	2717	411	193	143	143
MINISTRY OF RAILWAYS																		
162	BHARAT WAGON & ENGG. CO. LTD.	29	5	0	2	56	29	0	17	623	120	0	120	3	3	0	3	3
163	BRAITHWAITE & CO. LTD.	47	0	1	1	48	6	0	1	235	32	0	0	0	0	0	0	0
164	BURN STANDARD COMPANY LTD.	40	2	0	1	117	8	1	1	526	31	2	1	0	0	0	0	0
165	CONCOR AIR LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
166	CONTAINER CORPORATION OF INDIA LTD.	284	39	5	44	187	25	7	35	861	134	58	225	0	0	0	0	0
167	FRESH & HEALTHY ENTERPRISES LTD.	12	0	0	2	0	0	0	0	3	1	0	1	12	1	1	2	2
168	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	293	43	10	37	533	75	22	92	676	0	31	148	0	111	0	0	0
169	INDIAN RAILWAY FINANCE CORPORATION LTD.	8	0	0	0	0	0	0	0	8	3	0	1	3	3	0	0	0
170	INDIAN RAILWAY STATIONS DEVT. CORPORATION LTD.	9	1	0	0	1	0	0	0	0	0	0	0	3	0	0	0	0
171	IRCON INFRASTRUCTURE & SERVICES LTD.	6	0	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0



172	IRCON INTERNATIONAL LTD.	709	80	19	105	320	54	11	57	330	42	13	46	0	0	0	0
173	KONKAN RAILWAY CORPORATION LTD.	184	25	5	34	1389	158	53	298	2611	354	145	1085	759	181	84	542
174	MUMBAI RAILWAY VIKAS CORPORATION LTD.	60	5	0	2	116	0	1	3	8	0	0	0	14	0	0	0
175	RAIL VIKAS NIGAM LTD.	390	23	2	15	0	0	0	0	0	0	0	0	25	0	0	0
176	RAILTEL CORPORATION INDIA LTD.	519	61	20	113	6	0	0	1	0	0	0	0	0	0	0	0
177	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
178	MITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
179	MITES LTD.	1564	174	37	223	258	26	9	27	216	31	3	18	241	42	8	24
	<b>SUB TOTAL :</b>	<b>4155</b>	<b>458</b>	<b>99</b>	<b>579</b>	<b>3033</b>	<b>381</b>	<b>104</b>	<b>532</b>	<b>6098</b>	<b>748</b>	<b>252</b>	<b>1645</b>	<b>1060</b>	<b>341</b>	<b>93</b>	<b>571</b>
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>																	
<b>DEPT. OF BIOTECHNOLOGY</b>																	
180	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	25	1	2	4	90	26	3	15	0	0	0	0	0	0	0	0
181	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	27	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0
182	INDIAN VACCINE CORP. LTD.	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	<b>SUB TOTAL :</b>	<b>53</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>92</b>	<b>26</b>	<b>3</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>																	
<b>DEPT. OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b>																	
183	CENTRAL ELECTRONICS LTD.	208	21	0	21	0	0	0	0	307	100	1	51	3	1	0	0
184	NATIONAL RESEARCH DEVELOPMENT CORPN.	40	9	1	1	13	4	1	0	12	5	0	0	15	8	0	0
	<b>SUB TOTAL :</b>	<b>248</b>	<b>30</b>	<b>1</b>	<b>22</b>	<b>13</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>319</b>	<b>105</b>	<b>1</b>	<b>51</b>	<b>18</b>	<b>9</b>	<b>0</b>	<b>0</b>
<b>MINISTRY OF SHIPPING</b>																	
185	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	5	0	0	0	1	0	0	0	181	0	0	0	65	0	0	0
186	COCHIN SHIPYARD LTD.	275	41	14	60	199	34	12	3	1312	158	0	444	0	0	18	0
187	DREDGING CORPN. OF INDIA LTD.	307	51	20	67	9	1	0	4	169	26	9	32	75	10	3	8
188	HOOGLY DOCK AND PORT ENGINEERS LTD.	34	1	0	1	41	7	0	1	226	33	0	1	38	4	4	0
189	KAMARAJAR PORT LTD.	60	9	0	27	0	0	0	0	25	6	0	11	17	6	1	8
190	SHIPPING CORPORATION OF INDIA LTD.	669	126	53	83	123	37	6	3	0	0	0	0	0	0	0	0
	<b>SUB TOTAL :</b>	<b>1350</b>	<b>228</b>	<b>87</b>	<b>238</b>	<b>373</b>	<b>79</b>	<b>18</b>	<b>11</b>	<b>1913</b>	<b>223</b>	<b>9</b>	<b>488</b>	<b>195</b>	<b>20</b>	<b>26</b>	<b>16</b>
<b>MINISTRY OF SOCIAL JUSTICE &amp; EMPOWERMENT</b>																	
<b>DEPARTMENT OF EMPOWERMENT OF PERSONS WITH DISABILITY</b>																	
191	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	100	8	0	19	0	0	0	0	203	42	2	48	11	4	0	1
192	NATIONAL BACKWARD CLASSES FINANCE & DEVP. CO.	10	1	0	2	7	2	0	1	30	6	0	9	0	0	0	0
193	NATIONAL HANDICAPPED FINANCE & DEVP. CORPN.	13	0	0	3	1	2	0	0	13	2	0	2	5	1	0	1
194	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVP. CORPN.	9	1	0	1	2	1	0	0	7	1	0	2	3	1	0	2
195	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	32	9	1	3	7	2	1	1	23	11	2	5	13	9	0	2
	<b>SUB TOTAL :</b>	<b>164</b>	<b>19</b>	<b>1</b>	<b>28</b>	<b>17</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>276</b>	<b>62</b>	<b>4</b>	<b>66</b>	<b>32</b>	<b>15</b>	<b>0</b>	<b>6</b>
<b>MINISTRY OF STEEL</b>																	
196	EASTERN INVESTMENT LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
197	FERRO SCRAP NIGAM LTD.	145	13	2	20	0	0	0	0	809	169	110	105	3	3	0	0
198	HINDUSTAN STEELWORKS COSTN. LTD.	55	5	0	8	13	2	1	0	36	9	3	2	2	0	0	1
199	J & K MINERAL DEVELOPMENT CORPN. LTD.	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0

200	KIOCL LTD.	269	44	12	15	49	3	3	3	3	588	90	30	68	41	7	6	4
201	M S T C LTD.	170	26	11	37	137	32	5	18	0	0	0	0	0	0	0	0	0
202	MECON LTD.	1368	250	89	160	72	17	25	12	34	34	2	13	3	89	16	38	11
203	MOIL LTD.	339	56	15	75	2655	613	412	889	1526	334	224	418	1897	272	914	605	
204	NMDC Ltd.	1218	214	87	180	276	52	26	46	3512	652	915	601	484	56	122	32	
205	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	93	5	0	17	34	7	9	11	81	16	25	12	356	40	165	70	
206	RASHTRIYA ISPAT NIGAM LTD.	5589	957	403	861	6949	1200	397	117	3479	515	381	829	2120	327	136	179	
207	SAIL REFRACTORY COMPANY LTD.	26	5	0	12	0	0	0	0	203	54	5	145	3	0	0	3	
208	STEEL AUTHORITY OF INDIA LTD.	14648	2229	950	1740	0	0	0	0	70884	12799	12234	9180	7820	386	60	53	
209	THE BISRA STONE LIME COMPANY LTD.	32	2	1	1	43	6	8	9	393	109	75	24	319	91	74	24	
SUB TOTAL :		23954	3806	1570	3126	10228	1932	886	1105	81547	14749	14015	11387	13137	1198	1515	982	
MINISTRY OF TEXTILES																		
210	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
211	BRITISH INDIA CORPORATION LTD.	96	1	0	0	57	4	0	0	1181	212	0	0	156	103	0	0	0
212	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	160	26	1	9	20	0	0	0	12	1	0	3	103	39	0	6	6
213	COTTON CORPN. OF INDIA LTD.	99	11	3	9	881	169	31	183	0	0	0	0	0	0	0	0	0
214	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	25	4	3	5	39	6	2	8	36	5	2	11	19	7	2	4	4
215	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	78	7	3	8	34	4	1	4	67	2	2	16	29	7	0	1	1
216	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
217	NATIONAL TEXTILE CORPN. LTD.	367	67	2	92	351	79	8	162	6436	1030	85	2996	876	363	7	160	160
218	THE JUTE CORPN. OF INDIA LTD.	50	3	3	1	98	16	11	4	222	28	4	1	218	37	9	3	3
SUB TOTAL :		928	119	15	124	1480	278	53	361	7954	1278	93	3027	1401	556	18	174	174
MINISTRY OF TOURISM																		
219	ASSAM ASHOK HOTEL CORPN. LTD.	5	1	1	0	7	0	0	0	46	4	6	2	7	1	0	0	0
220	DONYI POLO ASHOK HOTEL LTD.	2	3	0	0	0	0	0	0	24	2	3	1	0	0	0	0	0
221	INDIA TOURISM DEV. CORPN. LTD.	285	50	5	26	72	13	2	3	998	306	23	42	222	106	6	11	11
222	KUMARAKRUPPA FRONTIER HOTELS LTD.	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
223	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	4	0	0	0	8	0	0	0	48	9	2	4	0	0	0	0	0
224	PONDICHERRY ASHOK HOTEL CORPN. LTD.	2	0	0	2	7	2	1	4	10	3	0	7	0	0	0	0	0
225	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	4	0	0	2	1	0	0	0	24	2	4	5	13	4	3	6	6
226	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	0	0	0	10	0	0	0	13	0	0	0	0
SUB TOTAL :		304	54	6	30	95	15	3	7	1161	326	38	61	255	111	9	17	17
MINISTRY OF TRIBAL AFFAIRS																		
227	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	22	2	7	3	4	2	0	0	27	9	3	6	0	0	0	0	0
SUB TOTAL :		22	2	7	3	4	2	0	0	27	9	3	6	0	0	0	0	0
MINISTRY OF URBAN DEVELOPMENT																		
228	NATIONAL BLDG. CONSTN. CORPN. LTD.	419	74	8	26	671	125	29	90	931	152	3	46	26	7	0	1	1
SUB TOTAL :		419	74	8	26	671	125	29	90	931	152	3	46	26	7	0	1	1
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION																		

229	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	273	33	7	14	234	36	4	7	541	33	3	1	126	8	3	0
230	WAPCOS LTD.	531	70	13	76	55	11	2	7	47	12	1	9	41	14	3	5
	<b>SUB TOTAL :</b>	<b>804</b>	<b>103</b>	<b>20</b>	<b>90</b>	<b>289</b>	<b>47</b>	<b>6</b>	<b>14</b>	<b>588</b>	<b>45</b>	<b>4</b>	<b>10</b>	<b>167</b>	<b>22</b>	<b>6</b>	<b>5</b>
<b>DEPT. OF ATOMIC ENERGY</b>																	
231	ELECTRONICS CORPN. OF INDIA LTD.	1883	294	121	266	0	0	0	0	725	112	67	50	255	65	7	23
232	INDIAN RARE EARTHS LTD.	527	62	17	110	59	9	0	20	914	147	27	348	461	150	12	135
233	NUCLEAR POWER CORPN. OF INDIA LTD.	4312	353	74	560	1780	289	109	490	5503	1063	531	1322	0	0	0	0
234	URANIUM CORPORATION OF INDIA LTD.	287	32	20	43	268	30	41	47	1342	141	360	194	2788	282	1575	188
	<b>SUB TOTAL :</b>	<b>7009</b>	<b>741</b>	<b>232</b>	<b>979</b>	<b>2107</b>	<b>328</b>	<b>150</b>	<b>557</b>	<b>8484</b>	<b>1463</b>	<b>985</b>	<b>1914</b>	<b>3504</b>	<b>497</b>	<b>1594</b>	<b>346</b>
<b>DEPT. OF SPACE</b>																	
235	ANTRIX CORPORATION LTD.	16	0	1	1	5	0	0	2	1	0	0	0	52	24	3	12
	<b>SUB TOTAL :</b>	<b>16</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>52</b>	<b>24</b>	<b>3</b>	<b>12</b>
	<b>GRAND TOTAL :</b>	<b>262911</b>	<b>38539</b>	<b>14234</b>	<b>34944</b>	<b>129996</b>	<b>14282</b>	<b>6559</b>	<b>13984</b>	<b>647511</b>	<b>127839</b>	<b>64091</b>	<b>113863</b>	<b>248743</b>	<b>40633</b>	<b>23220</b>	<b>38538</b>

## STATEMENT - 25

### EQUITY PARTICIPATION BY UNDER CONSTRUCTION CPSEs AS ON 31.3.2015

(₹ in Lakhs)

S. No.	CPSE	Authorised Capital	Paid up Capital				
			Central Govt.	State Govt.	Holding Company	Others	Total
1	ANUSHAKTI VIDHYUT NIGAM LTD.	500	0	0	5	5	10
2	BAIRA SIUL SARNA TRANSMISSION LTD.	5	0	0	5	0	5
3	BALLABGARH - GN TRANSMISSION CO. LTD.	5	0	0	5	0	5
4	BEL-THALES SYSTEMS LTD.	8000	0	0	710	250	960
5	BHARAT PETRO RESOURCES JPDA	6000	0	0	6000	0	6000
6	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	500000	435712	0	0	22708	458420
7	BHARTIYA RAIL BIJLEE CO. LTD.	160600	41200	0	117261	0	158461
8	BRAHAMPUTRA CRACKERS & POLYMER LTD.	200000	0	12690	79301	25380	117371
9	BUNDELKHAND SAUR URJA LTD.	1000	0	0	0	0	0
10	CHEYYUR INFRA LTD.	5	0	0	5	0	5
11	CHHATTIS GARH-WR TRANSMISSION LTD.	5	0	0	0	0	0
12	CHHATTISHGARH SURGUJA POWER LTD.	5	0	0	5	0	5
13	COASTAL KARNATAKA POWER LTD.	5	0	0	5	0	5
14	COASTAL MAHARASHTRA MEGA POWER LTD.	5	0	0	5	0	5
15	COASTAL TAMIL NADU POWER LTD.	5	0	0	5	0	5
16	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	800000	371567	0	0	0	371567
17	DEOGHAR MEGA POWER LTD.	5	0	0	5	0	5
18	GHOARPALLI INTEGRATED POWER COMPANY LTD.	5	0	0	5	0	5
19	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	500	0	0	10	0	10
20	HLL INFRA TECH SERVICES LTD.	50	0	0	5	0	5
21	HPCL RAJASTHAN REFINERY LTD.	400000	0	1	4	0	5
22	INDIAN CATALYST PVT. LTD.	10000	0	0	1578	0	1578
23	IRCON PB TOLLWAY LTD.	17500	0	0	500	0	500
24	JAGDISHPUR PAPER MILLS LTD.	500	0	0	5	0	5
25	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	100	1	0	0	0	1
26	KARNATAKA VIJAY NAGAR STEEL LTD.	1	0	0	1	0	1
27	KOLKATA METRO RAIL CORPORATION LTD.	140000	0	58550	0	0	58550
28	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	23000	0	3060	8709	0	11769
29	MAHANADI BASIN POWER LTD.	5	0	0	5	0	5
30	MJSJ COAL LTD.	20000	0	0	5706	3804	9510
31	MNH SHAKTI LTD.	10000	0	0	8510	0	8510

32	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	5	0	0	0	0	0
33	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	1000	5	0	0	0	5
34	NELLORE TRANSMISSION LTD.	5	0	0	5	0	5
35	NEYVELI UTTAR PRADESH POWER LTD	50000	0	0	4748	4562	9310
36	NLC TAMIL NADU POWER LTD.	250000	0	0	150802	18638	169440
37	NMDC POWER LTD.	100	0	0	5	0	5
38	NMDC-CMDC LTD.	7500	3583	3443	0	0	7026
39	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	1000	0	0	74	26	100
40	NPCIL - NALCO POWER COMPANY LTD.	100	0	0	7	3	10
41	ODISHA INFRAPOWER LTD.	5	0	0	5	0	5
42	OIL INDIA INTERNATIONAL LTD.	50000	0	0	10000	0	10000
43	ORISSA INTEGRATED POWER LTD.	5	0	0	5	0	5
44	POWER GRID JABALPUR TRANSMISSION LTD.	5	0	0	5	0	5
45	POWERGRID KALA AMB TRANSMISSION LTD.	5	0	0	5	0	5
46	POWERGRID NM TRANSMISSION LTD.	2400	0	0	2400	0	2400
47	PUNJAB ASHOK HOTEL COMPANY LTD.	300	0	0	128	122	250
48	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	15000	0	0	12700	0	12700
49	RAILTEL ENTERPRISES LTD.	5000	0	0	1000	0	1000
50	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	5	0	0	0	0	0
51	SAIL JAGADISHPUR POWER PLANT LTD.	5	0	0	5	0	5
52	SAIL SINDRI PROJECTS LTD.	5	0	0	5	0	5
53	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	5	0	0	5	0	5
54	SETHUSAMUDRAM CORPN. LTD.	100000	49500	0	0	25000	74500
55	SIDCUL CONCOR INFRA COMPANY LTD.	10000	0	0	10000	0	10000
56	SIPAT TRANSMISSION LTD.	5	0	0	0	0	0
57	SJVN THERMAL PVT. LTD.	5	0	0	1	0	1
58	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	5	0	5
59	TANDA TRANSMISSION COMPANY LTD.	5	0	0	5	0	5
60	TATIYA ANDHRA MEGA POWER LTD.	5	0	0	5	0	5
61	TCIL LAKHNADONE TOLL ROAD LTD.	2500	1405	0	0	0	1405
62	UNCHAHAH TRANSMISSION LTD.	500	0	0	5	0	5
63	VIZAG TRANSMISSION LTD.	9000	0	0	5473	0	5473
<b>GRAND TOTAL :</b>		<b>2802281</b>	<b>902973</b>	<b>77744</b>	<b>425753</b>	<b>100498</b>	<b>1506968</b>

**CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS  
ON 31.3.2015**

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
<b>MINISTRY OF AGRICULTURE</b>		
D/O AGRICULTURE AND COOPERATION		
1	NATIONAL SEEDS CORPN. LTD.	1963
<b>MINISTRY OF AGRICULTURE</b>		
<b>D/O OF AGRICULTURE RESEARCH AND EDUCATION</b>		
2	AGRINNOVATE INDIA LTD.	2011
<b>MINISTRY OF AYUSH</b>		
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	1979
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>		
<b>D/O CHEMICALS &amp; PETROCHEMICALS</b>		
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.	2006
5	HINDUSTAN FLUOROCARBONS LIMITED	1983
6	HINDUSTAN INSECTICIDES LTD.	1954
7	HINDUSTAN ORGANIC CHEMICALS LTD.	1960
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>		
<b>D/O FERTILIZER</b>		
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2002
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2003
10	FERTILIZER CORPN. OF INDIA LTD.	1961
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1943
12	HINDUSTAN FERTILIZER CORPN. LTD.	1978
13	MADRAS FERTILIZERS LTD.	1966
14	NATIONAL FERTILIZERS LTD.	1974
15	PROJECTS & DEVELOPMENT INDIA LTD.	1978
16	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1978
<b>MINISTRY OF CHEMICALS &amp; FERTILIZERS</b>		
<b>D/O PHARMACEUTICALS</b>		
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1981
18	HINDUSTAN ANTIBIOTICS LTD.	1954
19	IDPL (TAMILNADU) LTD.	1994
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	1961
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1981
22	ORISSA DRUGS & CHEMICALS LTD.	1979
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	1978
<b>MINISTRY OF CIVIL AVIATION</b>		
24	AIR INDIA AIR TRANSPORT SERVICES LTD.	2003
25	AIR INDIA CHARTERS LTD.	1972
26	AIR INDIA ENGINEERING SERVICES LTD.	2006
27	AIR INDIA LTD.	2007
28	AIRLINE ALLIED SERVICES LTD.	1983
29	AIRPORTS AUTHORITY OF INDIA	1996
30	HOTEL CORPN. OF INDIA LTD.	1971
31	PAWAN HANS LTD.	1985
<b>MINISTRY OF COAL</b>		
32	BHARAT COKING COAL LTD.	1972
33	CENTRAL COALFIELDS LTD.	1975
34	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1975
35	COAL INDIA LTD.	1973



36	EASTERN COALFIELDS LTD.	1975
37	MAHANADI BASIN POWER LTD.	2011
38	MAHANADI COALFIELDLS LTD.	1993
39	MJSJ COAL LTD.	2009
40	MNH SHAKTI LTD.	2009
41	NEYVELI LIGNITE CORPN. LTD.	1956
42	NEYVELI UTTAR PRADESH POWER LTD	2012
43	NLC TAMIL NADU POWER LTD.	2006
44	NORTHERN COALFIELDS LTD.	1985
45	SOUTH EASTERN COALFIELDS LTD.	1985
46	WESTERN COALFIELDS LTD.	1975
<b>MINISTRY OF COMMERCE &amp; INDUSTRY</b>		
<b>D/O COMMERCE</b>		
47	E. C. G. C. LTD.	1957
48	INDIA TRADE PROMOTION ORGANISATION	1976
49	KARNATAKA TRADE PROMOTION ORGANISATION	2000
50	M M T C LTD.	1963
51	P E C LTD.	1971
52	STATE TRADING CORPN. OF INDIA LTD.	1956
53	STCL LTD.	1982
54	TAMIL NADU TRADE PROMOTION ORGANISATION	2000
<b>MINISTRY OF COMMUNICATIONS&amp;INFORMATION TECHNOLOGY</b>		
<b>D/O ELECTRONICS AND INFORMATION TECHNOLOGY</b>		
55	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1995
<b>MINISTRY OF COMMUNICATIONS&amp;INFORMATION TECHNOLOGY</b>		
<b>D/O TELECOMMUNICATIONS</b>		
56	BHARAT BROADBAND NETWORK LTD.	2012
57	BHARAT SANCHAR NIGAM LTD.	2000
58	I T I LTD.	1950
59	MAHANAGAR TELEPHONE NIGAM LTD.	1986
60	MILLENNIUM TELECOM LTD.	2000
61	TCIL BINA TOLL ROAD LTD.	2012
62	TCIL LAKHNADONE TOLL ROAD LTD.	2012
63	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1978
<b>MINISTRY OF COMSUMER AFFAIRS,FOOD &amp; PUBLIC DISTRIBUTION</b>		
<b>D/O FOOD &amp; PUBLIC DISTRIBUTION</b>		
64	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2007
65	CENTRAL WAREHOUSING CORPN.	1957
66	FOOD CORPN. OF INDIA	1965
<b>MINISTRY OF DEFENCE</b>		
<b>D/O DEFENCE PRODUCTION</b>		
67	BEL OPTRONICS DEVICES LTD.	1990
68	BEL-THALES SYSTEMS LTD.	2012
69	BEML LTD.	1964
70	BHARAT DYNAMICS LTD.	1970
71	BHARAT ELECTRONICS LTD.	1954
72	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1960
73	GOA SHIPYARD LTD.	1967
74	HINDUSTAN AERONAUTICS LTD.	1964
75	HINDUSTAN SHIPYARD LTD.	1952
76	MAZAGON DOCK SHIPBUILDERS LTD.	1934
77	MISHRA DHATU NIGAM LTD.	1973
78	VIGNYAN INDUSTRIES LTD.	1984

<b>MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION</b>		
79	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1977
80	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1982
<b>MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE</b>		
81	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	1977
<b>MINISTRY OF FINANCE</b>		
<b>D/O ECONOMIC AFFAIRS</b>		
82	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2006
<b>MINISTRY OF FINANCE</b>		
<b>D/O FINANCIAL SERVICES</b>		
83	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2006
84	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	2008
<b>MINISTRY OF HEALTH &amp; FAMILY WELFARE</b>		
<b>DEPARTMENT OF HEALTH AND FAMILY WELFARE</b>		
85	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	2012
86	HLL BIOTECH LTD.	2012
87	HLL INFRA TECH SERVICES LTD.	2012
88	HLL LIFECARE LTD.	1966
89	HSCC (INDIA) LTD.	1983
<b>MINISTRY OF HEAVY INDUSTRIES &amp; PUBLIC ENTERPRISES</b>		
<b>D/O HEAVY INDUSTRIES</b>		
90	ANDREW YULE & COMPANY LTD.	1979
91	BHARAT BHARI UDYOG NIGAM LTD.	1986
92	BHARAT HEAVY ELECTRICALS LTD.	1964
93	BHARAT PUMPS & COMPRESSORS LTD.	1970
94	BHEL ELECTRICAL MACHINES LTD.	2011
95	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1984
96	BRIDGE & ROOF CO.(INDIA) LTD.	1972
97	CEMENT CORPN. OF INDIA LTD.	1965
98	ENGINEERING PROJECTS (INDIA) LTD.	1970
99	HEAVY ENGINEERING CORPN. LTD.	1958
100	HINDUSTAN CABLES LTD.	1972
101	HINDUSTAN NEWSPRINT LTD.	1982
102	HINDUSTAN PAPER CORPORATION LTD.	1970
103	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	1960
104	HINDUSTAN SALTS LTD.	1959
105	HMT (INTERNATIONAL) LTD.	1975
106	HMT BEARINGS LTD.	1981
107	HMT CHINAR WATCHES LTD.	1999
108	HMT LTD.	1953
109	HMT MACHINE TOOLS LTD.	1999
110	HMT WATCHES LTD.	1999
111	HOOGHLY PRINTING COMPANY LTD.	1979
112	INSTRUMENTATION LTD.	1964
113	JAGDISHPUR PAPER MILLS LTD.	2008
114	NAGALAND PULP & PAPER COMPANY LTD.	1971
115	NEPA LTD.	1947
116	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1981
117	RICHARDSON & CRUDDAS(1972) LTD.	1972
118	SAMBHAR SALTS LTD.	1964
119	SCOOTERS INDIA LTD.	1972
120	TUNGABHADRA STEEL PRODUCTS LTD.	1960
<b>MINISTRY OF HOME AFFAIRS</b>		
121	DELHI POLICE HOUSING CORPORATION LTD.	2007

<b>MINISTRY OF HOUSING &amp; URBAN POVERTY ALLEVIATION</b>		
122	HINDUSTAN PREFAB LTD.	1953
123	HOUSING & URBAN DEV. CORPN. LTD.	1970
<b>MINISTRY OF HUMAN RESOURCE DEVELOPMENT</b>		
<b>D/O SECONDARY EDUCATION &amp; HIGHER EDUCATION</b>		
124	EdCIL(India) Ltd.	1981
<b>MINISTRY OF INFORMATION &amp; BROADCASTING</b>		
125	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1995
126	NATIONAL FILM DEV. CORPN. LTD.	1975
<b>MINISTRY OF MICRO SMALL &amp; MEDIUM ENTERPRISES</b>		
127	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1955
<b>MINISTRY OF MINES</b>		
128	HINDUSTAN COPPER LTD.	1967
129	MINERAL EXPLORATION CORPN. LTD.	1972
130	NATIONAL ALUMINIUM COMPANY LTD.	1981
<b>MINISTRY OF MINORITIES AFFAIRS</b>		
131	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1994
<b>MINISTRY OF NEW AND RENEWABLE ENERGY</b>		
132	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	1987
133	SOLAR ENERGY CORPORATION OF INDIA	2012
<b>MINISTRY OF PETROLEUM &amp; NATURAL GAS</b>		
134	BALMER LAWRIE & CO. LTD.	1924
135	BALMER LAWRIE INVESTMENTS LTD.	2001
136	BHARAT PETRO RESOURCES JPDA	2006
137	BHARAT PETRO RESOURCES LTD.	2006
138	BHARAT PETROLEUM CORPN. LTD.	1976
139	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1994
140	CHENNAI PETROLEUM CORPORATION LTD.	1965
141	CREDA HPCL BIOFUEL LTD.	2008
142	ENGINEERS INDIA LTD.	1965
143	GAIL (INDIA) LTD.	1984
144	GAIL GAS LTD.	2008
145	HINDUSTAN PETROLEUM CORPN. LTD.	1976
146	HPCL BIOFUELS LTD.	2010
147	HPCL RAJASTHAN REFINERY LTD.	2012
148	INDIAN CATALYST PVT. LTD.	2006
149	INDIAN OIL CORPORATION LTD.	1964
150	INDIAN OIL-CREDA BIOFUELS LTD.	2009
151	MANGALORE REFINERY & PETROCHEMICALS LTD.	1988
152	NUMALIGARH REFINERY LTD.	1993
153	OIL & NATURAL GAS CORPORATION LTD.	1956
154	OIL INDIA INTERNATIONAL LTD.	2012
155	OIL INDIA LTD.	1981
156	ONGC VIDESH LTD.	1965
157	PRIZE PETROLEUM COMPANY LTD.	1999
<b>MINISTRY OF POWER</b>		
158	BAIRA SIUL SARNA TRANSMISSION LTD.	2012
159	BALLABGARH - GN TRANSMISSION CO. LTD.	2012
160	BHARTIYA RAIL BIJLEE CO. LTD.	2007
161	BUNDELKHAND SAUR URJA LTD.	2012
162	CHEYUR INFRA LTD.	2012
163	CHHATTIS GARH-WR TRANSMISSION LTD.	2012
164	CHHATTISHGARH SURGUJA POWER LTD.	2006
165	COASTAL KARNATAKA POWER LTD.	2006

166	COASTAL MAHARASHTRA MEGA POWER LTD.	2006
167	COASTAL TAMIL NADU POWER LTD.	2007
168	DEOGHAR MEGA POWER LTD.	2012
169	GHOARPALLI INTEGRATED POWER COMPANY LTD.	2009
170	KANTI BIJLEE UTPADAN NIGAM LTD.	2006
171	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	2009
172	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	2012
173	NELLORE TRANSMISSION LTD.	2012
174	NHDC LTD.	2000
175	NHPC LTD.	1975
176	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1976
177	NTPC ELECTRIC SUPPLY COMPANY LTD.	2003
178	NTPC LTD.	1975
179	NTPC VIDYUT VYAPAR NIGAM LTD.	2003
180	ODISHA INFRAPOWER LTD.	2012
181	ORISSA INTEGRATED POWER LTD.	2006
182	PFC CAPITAL ADVISORY SERVICE LTD.	2011
183	PFC CONSULTING LTD.	2008
184	PFC GREEN ENERGY LTD.	2011
185	POWER FINANCE CORPORATION LTD.	1986
186	POWER GRID CORPORATION OF INDIA LTD.	1989
187	POWER GRID JABALPUR TRANSMISSION LTD.	2012
188	POWER SYSTEM OPERATION CORPORATION LTD.	2010
189	POWERGRID KALA AMB TRANSMISSION LTD.	2012
190	POWERGRID NM TRANSMISSION LTD.	2011
191	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	2012
192	REC POWER DISTRIBUTION CO. LTD.	2007
193	REC TRANSMISSION PROJECTS CO. LTD.	2006
194	RURAL ELECTRIFICATION CORPN. LTD.	1969
195	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	2009
196	SIPAT TRANSMISSION LTD.	2012
197	SJVN LTD.	1988
198	SJVN THERMAL PVT. LTD.	1988
199	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	2012
200	TANDA TRANSMISSION COMPANY LTD.	2012
201	TATIYA ANDHRA MEGA POWER LTD.	2010
202	THDC INDIA LTD.	1988
203	UNCHAHAAR TRANSMISSION LTD.	2012
204	VIZAG TRANSMISSION LTD.	2011
<b>MINISTRY OF RAILWAYS</b>		
205	BHARAT WAGON & ENGG. CO. LTD.	1978
206	BRAITHWAITE & CO. LTD.	1976
207	BURN STANDARD COMPANY LTD.	1976
208	CONCOR AIR LTD.	2012
209	CONTAINER CORPORATION OF INDIA LTD.	1988
210	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2007
211	FRESH & HEALTHY ENTERPRISES LTD.	2006
212	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	2012
213	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1999
214	INDIAN RAILWAY FINANCE CORPORATION LTD.	1986
215	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	2012
216	IRCON INFRASTRUCTURE & SERVICES LTD.	2010
217	IRCON INTERNATIONAL LTD.	1976
218	IRCON PB TOLLWAY LTD.	2012

219	KOLKATA METRO RAIL CORPORATION LTD.	2010
220	KONKAN RAILWAY CORPORATION LTD.	1990
221	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1999
222	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2012
223	RAIL VIKAS NIGAM LTD.	2003
224	RAILTEL CORPORATION INDIA LTD.	2000
225	RAILTEL ENTERPRISES LTD.	2012
226	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2012
227	MITES INFRASTRUCTURE SERVICES LTD.	2011
228	MITES LTD.	1974
229	SIDCUL CONCOR INFRA COMPANY LTD.	2012
<b>MINISTRY OF ROAD TRANSPORT AND HIGHWAYS</b>		
230	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	2012
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>		
<b>DEPT. OF BIOTECHNOLOGY</b>		
231	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	1989
232	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2012
233	INDIAN VACCINE CORP. LTD.	1988
<b>MINISTRY OF SCIENCE &amp; TECHNOLOGY</b>		
<b>DEPT. OF SCIENTIFIC &amp; INDUSTRIAL RESEARCH</b>		
234	CENTRAL ELECTRONICS LTD.	1974
235	NATIONAL RESEARCH DEVELOPMENT CORPN.	1953
<b>MINISTRY OF SHIPPING</b>		
236	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	1967
237	COCHIN SHIPYARD LTD.	1972
238	DREDGING CORPN. OF INDIA LTD.	1977
239	HOOGHLY DOCK AND PORT ENGINEERS LTD.	1984
240	KAMARAJAR PORT LTD.	1999
241	SETHUSAMUDRAM CORPN. LTD.	2004
242	SHIPPING CORPORATION OF INDIA LTD.	1961
<b>MINISTRY OF SOCIAL JUSTICE &amp; EMPOWERMENT</b>		
<b>DEPARTMENT OF EMPOWERMENT OF PERSONS WITH DISABILITY</b>		
243	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1973
244	NATIONAL BACKWARD CLASSES FINANCE & DEVPT. CO.	1992
245	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1997
246	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN.	1997
247	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	1989
<b>MINISTRY OF STEEL</b>		
248	EASTERN INVESTMENT LTD.	2010
249	FERRO SCRAP NIGAM LTD.	1979
250	HINDUSTAN STEELWORKS COSTN. LTD.	1964
251	J & K MINERAL DEVELOPMENT CORPN. LTD.	1989
252	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	2012
253	KARNATAKA VIJAY NAGAR STEEL LTD.	2012
254	KIOCL LTD.	1976
255	M S T C LTD.	1964
256	MECON LTD.	1973
257	MOIL LTD.	1977
258	NMDC Ltd.	1958
259	NMDC POWER LTD.	2011
260	NMDC-CMDC LTD.	2008
261	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	2010
262	RASHTRIYA ISPAT NIGAM LTD.	1982
263	SAIL JAGADISHPUR POWER PLANT LTD.	2011

264	SAIL REFRACTORY COMPANY LTD.	2011
265	SAIL SINDRI PROJECTS LTD.	2012
266	STEEL AUTHORITY OF INDIA LTD.	1973
267	THE BISRA STONE LIME COMPANY LTD.	2010
<b>MINISTRY OF TEXTILES</b>		
268	BIRDS JUTE & EXPORTS LTD.	1987
269	BRITISH INDIA CORPORATION LTD.	1981
270	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1976
271	COTTON CORPN. OF INDIA LTD.	1970
272	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1962
273	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1983
274	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	1980
275	NATIONAL TEXTILE CORPN. LTD.	1968
276	THE JUTE CORPN. OF INDIA LTD.	1971
<b>MINISTRY OF TOURISM</b>		
277	ASSAM ASHOK HOTEL CORPN. LTD.	1985
278	DONYI POLO ASHOK HOTEL LTD.	1985
279	INDIA TOURISM DEV. CORPN. LTD.	1966
280	KUMARAKRUPPA FRONTIER HOTELS LTD.	2001
281	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	1985
282	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1986
283	PUNJAB ASHOK HOTEL COMPANY LTD.	1998
284	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	1983
285	UTKAL ASHOK HOTEL CORPN. LTD.	1983
<b>MINISTRY OF TRIBAL AFFAIRS</b>		
286	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2001
<b>MINISTRY OF URBAN DEVELOPMENT</b>		
287	NATIONAL BLDG. CONSTN. CORPN. LTD.	1960
<b>MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT &amp; GANGA REJUVENATION</b>		
288	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1957
289	WAPCOS LTD.	1969
<b>DEPT. OF ATOMIC ENERGY</b>		
290	ANUSHAKTI VIDHYUT NIGAM LTD.	2012
291	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	2003
292	ELECTRONICS CORPN. OF INDIA LTD.	1967
293	INDIAN RARE EARTHS LTD.	1950
294	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2012
295	NPCIL - NALCO POWER COMPANY LTD.	2012
296	NUCLEAR POWER CORPN. OF INDIA LTD.	1987
297	URANIUM CORPORATION OF INDIA LTD.	1967
<b>DEPT. OF SPACE</b>		
298	ANTRIX CORPORATION LTD.	1993



**CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT SECTORS/COGNATE GROUPS AS  
ON 31.3.2015**

<b>S. No.</b>	<b>Sector / Cognate Group / CPSE</b>
	<b>AGRICULTURE</b>
	<b>AGRO BASED INDUSTRIES</b>
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD
2	CREDA HPCL BIOFUEL LTD.
3	HPCL BIOFUELS LTD.
4	INDIAN OIL-CREDA BIOFUELS LTD.
5	NATIONAL SEEDS CORPN. LTD.
	<b>MINING</b>
	<b>COAL</b>
6	BHARAT COKING COAL LTD.
7	CENTRAL COALFIELDS LTD.
8	COAL INDIA LTD.
9	EASTERN COALFIELDS LTD.
10	MAHANADI COALFIELDLS LTD.
11	NORTHERN COALFIELDS LTD.
12	SOUTH EASTERN COALFIELDS LTD.
13	WESTERN COALFIELDS LTD.
	<b>MINING</b>
	<b>CRUDE OIL</b>
14	BHARAT PETRO RESOURCES LTD.
15	OIL & NATURAL GAS CORPORATION LTD.
16	OIL INDIA LTD.
17	ONGC VIDESH LTD.
18	PRIZE PETROLEUM COMPANY LTD.
	<b>MINING</b>
	<b>OTHER MINERALS &amp; METALS</b>
19	EASTERN INVESTMENT LTD.
20	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
21	HINDUSTAN COPPER LTD.
22	INDIAN RARE EARTHS LTD.
23	J & K MINERAL DEVELOPMENT CORPN. LTD.
24	KIOCL LTD.
25	MOIL LTD.
26	NATIONAL ALUMINIUM COMPANY LTD.
27	NMDC Ltd.
28	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
29	THE BISRA STONE LIME COMPANY LTD.
30	URANIUM CORPORATION OF INDIA LTD.
	<b>MANUFACTURING</b>
	<b>STEEL</b>
31	FERRO SCRAP NIGAM LTD.
32	MISHRA DHATU NIGAM LTD.
33	RASHTRIYA ISPAT NIGAM LTD.
34	SAIL REFRACTORY COMPANY LTD.
35	STEEL AUTHORITY OF INDIA LTD.
	<b>MANUFACTURING</b>
	<b>PETROLEUM (REFINERY &amp; MARKETING)</b>
36	BHARAT PETROLEUM CORPN. LTD.
37	CHENNAI PETROLEUM CORPORATION LTD.
38	GAIL (INDIA) LTD.
39	GAIL GAS LTD.
40	HINDUSTAN PETROLEUM CORPN. LTD.
41	INDIAN OIL CORPORATION LTD.

42	MANGALORE REFINERY & PETROCHEMICALS LTD.
43	NUMALIGARH REFINERY LTD.
	<b>MANUFACTURING</b>
	<b>FERTILIZERS</b>
44	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
45	FERTILIZER CORPN. OF INDIA LTD.
46	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
47	HINDUSTAN FERTILIZER CORPN. LTD.
48	MADRAS FERTILIZERS LTD.
49	NATIONAL FERTILIZERS LTD.
50	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
	<b>MANUFACTURING</b>
	<b>CHEMICALS &amp; PHARMACEUTICALS</b>
51	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
52	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
53	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
54	HINDUSTAN ANTIBIOTICS LTD.
55	HINDUSTAN FLUOROCARBONS LIMITED
56	HINDUSTAN INSECTICIDES LTD.
57	HINDUSTAN ORGANIC CHEMICALS LTD.
58	HLL BIOTECH LTD.
59	INDIAN DRUGS & PHARMACEUTICALS LTD.
60	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
61	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
62	ORISSA DRUGS & CHEMICALS LTD.
63	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
	<b>MANUFACTURING</b>
	<b>HEAVY ENGINEERING</b>
64	BHARAT BHARI UDYOG NIGAM LTD.
65	BHARAT HEAVY ELECTRICALS LTD.
66	BHARAT WAGON & ENGG. CO. LTD.
67	BHEL ELECTRICAL MACHINES LTD.
68	BRAITHWAITE & CO. LTD.
69	BURN STANDARD COMPANY LTD.
70	HEAVY ENGINEERING CORPN. LTD.
71	TUNGABHADRA STEEL PRODUCTS LTD.
	<b>MANUFACTURING</b>
	<b>MEDIUM &amp; LIGHT ENGINEERING</b>
72	ANDREW YULE & COMPANY LTD.
73	BALMER LAWRIE & CO. LTD.
74	BEL OPTRONICS DEVICES LTD.
75	BHARAT DYNAMICS LTD.
76	BHARAT ELECTRONICS LTD.
77	BHARAT PUMPS & COMPRESSORS LTD.
78	CENTRAL ELECTRONICS LTD.
79	ELECTRONICS CORPN. OF INDIA LTD.
80	HINDUSTAN CABLES LTD.
81	HMT BEARINGS LTD.
82	HMT CHINAR WATCHES LTD.
83	HMT LTD.
84	HMT MACHINE TOOLS LTD.
85	HMT WATCHES LTD.
86	I T I LTD.
87	IDPL (TAMILNADU) LTD.
88	INSTRUMENTATION LTD.
89	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
90	RICHARDSON & CRUDDAS(1972) LTD.
91	SCOOTERS INDIA LTD.
92	VIGNYAN INDUSTRIES LTD.

	<b>MANUFACTURING</b>
	<b>TRANSPORTATION EQUIPMENT</b>
93	BEML LTD.
94	COCHIN SHIPYARD LTD.
95	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
96	GOA SHIPYARD LTD.
97	HINDUSTAN AERONAUTICS LTD.
98	HINDUSTAN SHIPYARD LTD.
99	HOOGLY DOCK AND PORT ENGINEERS LTD.
100	MAZAGON DOCK SHIPBUILDERS LTD.
	<b>MANUFACTURING</b>
	<b>CONSUMER GOODS</b>
101	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
102	CEMENT CORPN. OF INDIA LTD.
103	HINDUSTAN NEWSPRINT LTD.
104	HINDUSTAN PAPER CORPORATION LTD.
105	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
106	HINDUSTAN SALTS LTD.
107	HLL LIFECARE LTD.
108	HOOGLY PRINTING COMPANY LTD.
109	NAGALAND PULP & PAPER COMPANY LTD.
110	NEPA LTD.
111	SAMBHAR SALTS LTD.
112	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
	<b>MANUFACTURING</b>
	<b>TEXTILES</b>
113	BIRDS JUTE & EXPORTS LTD.
114	BRITISH INDIA CORPORATION LTD.
115	NATIONAL JUTE MANUFACTURES CORPORATION LTD.
116	NATIONAL TEXTILE CORPN. LTD.
	<b>ELECTRICITY</b>
	<b>POWER GENERATION</b>
117	KANTI BIJLEE UTPADAN NIGAM LTD.
118	NEYVELI LIGNITE CORPN. LTD.
119	NHDC LTD.
120	NHPC LTD.
121	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
122	NTPC LTD.
123	NUCLEAR POWER CORPN. OF INDIA LTD.
124	REC POWER DISTRIBUTION CO. LTD.
125	SJVN LTD.
126	THDC INDIA LTD.
	<b>ELECTRICITY</b>
	<b>POWER TRANSMISSION</b>
127	NTPC ELECTRIC SUPPLY COMPANY LTD.
128	POWER GRID CORPORATION OF INDIA LTD.
129	REC TRANSMISSION PROJECTS CO. LTD.
	<b>SERVICES</b>
	<b>TRADING &amp; MARKETING</b>
130	ANTRIX CORPORATION LTD.
131	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
132	CENTRAL RAILSIDE WAREHOUSE CO. LTD.
133	CENTRAL WAREHOUSING CORPN.
134	COTTON CORPN. OF INDIA LTD.
135	FOOD CORPN. OF INDIA
136	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
137	HMT (INTERNATIONAL) LTD.
138	INDIA TRADE PROMOTION ORGANISATION
139	KARNATAKA TRADE PROMOTION ORGANISATION

140 M M T C LTD.  
 141 M S T C LTD.  
 142 NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.  
 143 NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.  
 144 NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.  
 145 NTPC VIDYUT VYAPAR NIGAM LTD.  
 146 P E C LTD.  
 147 STATE TRADING CORPN. OF INDIA LTD.  
 148 STCL LTD.  
 149 TAMIL NADU TRADE PROMOTION ORGANISATION  
 150 THE JUTE CORPN. OF INDIA LTD.

**SERVICES**

**TRANSPORT SERVICES**

151 AIR INDIA AIR TRANSPORT SERVICES LTD.  
 152 AIR INDIA CHARTERS LTD.  
 153 AIR INDIA ENGINEERING SERVICES LTD.  
 154 AIR INDIA LTD.  
 155 AIRLINE ALLIED SERVICES LTD.  
 156 AIRPORTS AUTHORITY OF INDIA  
 157 CENTRAL INLAND WATER TRANSPORT CORPN. LTD.  
 158 CONCOR AIR LTD.  
 159 CONTAINER CORPORATION OF INDIA LTD.  
 160 DREDGING CORPN. OF INDIA LTD.  
 161 FRESH & HEALTHY ENTERPRISES LTD.  
 162 KAMARAJAR PORT LTD.  
 163 PAWAN HANS LTD.  
 164 SHIPPING CORPORATION OF INDIA LTD.

**SERVICES**

**CONTRACT & CONSTRUCTION SERVICES**

165 BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.  
 166 BRIDGE & ROOF CO.(INDIA) LTD.  
 167 HINDUSTAN PREFAB LTD.  
 168 HINDUSTAN STEELWORKS COSTN. LTD.  
 169 INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.  
 170 IRCON INFRASTRUCTURE & SERVICES LTD.  
 171 IRCON INTERNATIONAL LTD.  
 172 KONKAN RAILWAY CORPORATION LTD.  
 173 MINERAL EXPLORATION CORPN. LTD.  
 174 MUMBAI RAILWAY VIKAS CORPORATION LTD.  
 175 NATIONAL BLDG. CONSTN. CORPN. LTD.  
 176 NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.  
 177 PROJECTS & DEVELOPMENT INDIA LTD.  
 178 RAIL VIKAS NIGAM LTD.

**SERVICES**

**INDUSTRIAL DEVELOPMENT & TECH.CONSULTANCY SERVICES**

179 AGRINNOVATE INDIA LTD.  
 180 BROADCAST ENGG. CONSULTANTS INDIA LTD.  
 181 CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.  
 182 CERTIFICATION ENGINEERS INTERNATIONAL LTD.  
 183 EdCIL(India) Ltd.  
 184 ENGINEERING PROJECTS (INDIA) LTD.  
 185 ENGINEERS INDIA LTD.  
 186 HSCC (INDIA) LTD.  
 187 MECON LTD.  
 188 NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED  
 189 NATIONAL RESEARCH DEVELOPMENT CORPN.  
 190 NATIONAL SMALL INDUSTRIES CORPN. LTD.  
 191 PFC CAPITAL ADVISORY SERVICE LTD.  
 192 PFC CONSULTING LTD.

193	POWER SYSTEM OPERATION CORPORATION LTD.
194	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
195	rites INFRASTRUCTURE SERVICES LTD.
196	rites LTD.
197	SOLAR ENERGY CORPORATION OF INDIA
198	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
199	WAPCOS LTD.
	<b>SERVICES</b>
	<b>TOURIST SERVICES</b>
200	ASSAM ASHOK HOTEL CORPN. LTD.
201	DONYI POLO ASHOK HOTEL LTD.
202	HOTEL CORPN. OF INDIA LTD.
203	INDIA TOURISM DEV. CORPN. LTD.
204	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
205	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.
206	PONDICHERRY ASHOK HOTEL CORPN. LTD.
207	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
208	UTKAL ASHOK HOTEL CORPN. LTD.
	<b>SERVICES</b>
	<b>FINANCIAL SERVICES</b>
209	BALMER LAWRIE INVESTMENTS LTD.
210	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
211	DELHI POLICE HOUSING CORPORATION LTD.
212	E. C. G. C. LTD.
213	HOUSING & URBAN DEV. CORPN. LTD.
214	INDIA INFRASTRUCTURE FINANCE CO. LTD.
215	INDIAN RAILWAY FINANCE CORPORATION LTD.
216	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
217	INDIAN VACCINE CORP. LTD.
218	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.
219	KUMARAKRUPPA FRONTIER HOTELS LTD.
220	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
221	NATIONAL FILM DEV. CORPN. LTD.
222	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
223	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
224	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
225	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
226	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
227	PFC GREEN ENERGY LTD.
228	POWER FINANCE CORPORATION LTD.
229	RURAL ELECTRIFICATION CORPN. LTD.
	<b>SERVICES</b>
	<b>TELECOMMUNICATION SERVICES</b>
230	BHARAT BROADBAND NETWORK LTD.
231	BHARAT SANCHAR NIGAM LTD.
232	MAHANAGAR TELEPHONE NIGAM LTD.
233	MILLENNIUM TELECOM LTD.
234	RAILTEL CORPORATION INDIA LTD.
235	TCIL BINA TOLL ROAD LTD.
	<b>UNDER CONSTRUCTION</b>
	<b>ENTERPRISES UNDER CONSTRUCTION</b>
236	ANUSHAKTI VIDHYUT NIGAM LTD.
237	BAIRA SIUL SARNA TRANSMISSION LTD.
238	BALLABGARH - GN TRANSMISSION CO. LTD.
239	BEL-THALES SYSTEMS LTD.
240	BHARAT PETRO RESOURCES JPDA
241	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
242	BHARTIYA RAIL BIJLEE CO. LTD.
243	BRAHAMPUTRA CRACKERS & POLYMER LTD.

244	BUNDELKHAND SAUR URJA LTD.
245	CHEYYUR INFRA LTD.
246	CHHATTIS GARH-WR TRANSMISSION LTD.
247	CHHATTISHGARH SURGUJA POWER LTD.
248	COASTAL KARNATAKA POWER LTD.
249	COASTAL MAHARASHTRA MEGA POWER LTD.
250	COASTAL TAMIL NADU POWER LTD.
251	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
252	DEOGHAR MEGA POWER LTD.
253	GHOARPALLI INTEGRATED POWER COMPANY LTD.
254	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
255	HLL INFRA TECH SERVICES LTD.
256	HPCL RAJASTHAN REFINERY LTD.
257	INDIAN CATALYST PVT. LTD.
258	IRCON PB TOLLWAY LTD.
259	JAGDISHPUR PAPER MILLS LTD.
260	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
261	KARNATAKA VIJAY NAGAR STEEL LTD.
262	KOLKATA METRO RAIL CORPORATION LTD.
263	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
264	MAHANADI BASIN POWER LTD.
265	MJSJ COAL LTD.
266	MNH SHAKTI LTD.
267	MOHINDER GARH-BHIWANI TRANSMISSION LTD.
268	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
269	NELLORE TRANSMISSION LTD.
270	NEYVELI UTTAR PRADESH POWER LTD
271	NLC TAMIL NADU POWER LTD.
272	NMDC POWER LTD.
273	NMDC-CMDC LTD.
274	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
275	NPCIL - NALCO POWER COMPANY LTD.
276	ODISHA INFRAPOWER LTD.
277	OIL INDIA INTERNATIONAL LTD.
278	ORISSA INTEGRATED POWER LTD.
279	POWER GRID JABALPUR TRANSMISSION LTD.
280	POWERGRID KALA AMB TRANSMISSION LTD.
281	POWERGRID NM TRANSMISSION LTD.
282	PUNJAB ASHOK HOTEL COMPANY LTD.
283	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
284	RAILTEL ENTERPRISES LTD.
285	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.
286	SAIL JAGADISHPUR POWER PLANT LTD.
287	SAIL SINDRI PROJECTS LTD.
288	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
289	SETHUSAMUDRAM CORPN. LTD.
290	SIDCUL CONCOR INFRA COMPANY LTD.
291	SIPAT TRANSMISSION LTD.
292	SJVN THERMAL PVT. LTD.
293	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.
294	TANDA TRANSMISSION COMPANY LTD.
295	TATIYA ANDHRA MEGA POWER LTD.
296	TCIL LAKHNADONE TOLL ROAD LTD.
297	UNCHAHAAR TRANSMISSION LTD.
298	VIZAG TRANSMISSION LTD.



**CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS  
ON 31.3.2015**

S. No.	State / CPSE	City Name
	<b>ANDAMAN &amp; NICOBAR ISLANDS</b>	
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	Port Blair
	<b>ANDHRA PRADESH</b>	
2	RASHTRIYA ISPAT NIGAM LTD.	Andhra Pradesh
	<b>ARUNACHAL PRADESH</b>	
3	DONYI POLO ASHOK HOTEL LTD.	Itanagar
	<b>ASSAM</b>	
4	ASSAM ASHOK HOTEL CORPN. LTD.	Guwahati
5	BRAHMAPUTRA CRACKERS & POLYMER LTD.	Guwahati
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	Guwahati
7	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	Guwahati
8	NUMALIGARH REFINERY LTD.	Assam
9	OIL INDIA INTERNATIONAL LTD.	Guwahati
10	OIL INDIA LTD.	New Delhi
	<b>BIHAR</b>	
11	BHARAT WAGON & ENGG. CO. LTD.	Patna
12	HPCL BIOFUELS LTD.	Patna
	<b>CHANDIGARH</b>	
13	PUNJAB ASHOK HOTEL COMPANY LTD.	Chandigarh (Punjab)
14	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	Chandigarh (Punjab)
	<b>CHHATTISGARH</b>	
15	CRED A HPCL BIOFUEL LTD.	Raipur
16	FERRO SCRAP NIGAM LTD.	Bhilai
17	INDIAN OIL-CRED A BIOFUELS LTD.	Raipur
18	NMDC-CMDC LTD.	Raipur
19	SOUTH EASTERN COALFIELDS LTD.	Bilaspur
	<b>DELHI</b>	
20	AGRINNOVATE INDIA LTD.	Delhi
21	AIR INDIA AIR TRANSPORT SERVICES LTD.	Mumbai
22	AIR INDIA ENGINEERING SERVICES LTD.	Delhi
23	AIR INDIA LTD.	Delhi
24	AIRLINE ALLIED SERVICES LTD.	New Delhi
25	AIRPORTS AUTHORITY OF INDIA	New Delhi
26	BAIRA SIUL SARNA TRANSMISSION LTD.	Delhi
27	BALLABGARH - GN TRANSMISSION CO. LTD.	Delhi
28	BHARAT BROADBAND NETWORK LTD.	Delhi
29	BHARAT HEAVY ELECTRICALS LTD.	New Delhi
30	BHARAT SANCHAR NIGAM LTD.	New Delhi
31	BHARTIYA RAIL BIJLEE CO. LTD.	Delhi
32	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	Delhi
33	CEMENT CORPN. OF INDIA LTD.	New Delhi
34	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	New Delhi
35	CENTRAL ELECTRONICS LTD.	Sahibabad (U.P.)
36	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	New Delhi
37	CENTRAL WAREHOUSING CORPN.	New Delhi
38	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	New Delhi
39	CHEYYUR INFRA LTD.	New Delhi
40	CHHATTIS GARH-WR TRANSMISSION LTD.	New Delhi
41	CHHATTISHGARH SURGUJA POWER LTD.	New Delhi
42	COASTAL KARNATAKA POWER LTD.	New Delhi
43	COASTAL MAHARASHTRA MEGA POWER LTD.	New Delhi
44	COASTAL TAMIL NADU POWER LTD.	New Delhi

45	CONCOR AIR LTD.	New Delhi
46	CONTAINER CORPORATION OF INDIA LTD.	New Delhi
47	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	New Delhi
48	DELHI POLICE HOUSING CORPORATION LTD.	New Delhi
49	DEOGHAR MEGA POWER LTD.	New Delhi
50	DREDGING CORPN. OF INDIA LTD.	Visakhapatnam
51	EdCIL(India) Ltd.	Noida
52	ENGINEERS INDIA LTD.	New Delhi
53	FERTILIZER CORPN. OF INDIA LTD.	Noida
54	FOOD CORPN. OF INDIA	New Delhi
55	FRESH & HEALTHY ENTERPRISES LTD.	New Delhi
56	GAIL (INDIA) LTD.	New Delhi
57	GAIL GAS LTD.	New Delhi
58	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	Orissai
59	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	New Delhi
60	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	New Delhi
61	HINDUSTAN FERTILIZER CORPN. LTD.	Noida
62	HINDUSTAN INSECTICIDES LTD.	New Delhi
63	HINDUSTAN PAPER CORPORATION LTD.	Kolkata
64	HINDUSTAN PREFAB LTD.	New Delhi
65	HINDUSTAN SHIPYARD LTD.	Visakhapatnam
66	HOUSING & URBAN DEV. CORPN. LTD.	New Delhi
67	HSCC (INDIA) LTD.	Noida
68	INDIA INFRASTRUCTURE FINANCE CO. LTD.	New Delhi
69	INDIA TOURISM DEV. CORPN. LTD.	New Delhi
70	INDIA TRADE PROMOTION ORGANISATION	New Delhi
71	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	New Delhi
72	INDIAN RAILWAY FINANCE CORPORATION LTD.	New Delhi
73	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	New Delhi
74	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	New Delhi
75	INDIAN VACCINE CORP. LTD.	Manesar(Haryana)
76	IRCON INFRASTRUCTURE & SERVICES LTD.	New Delhi
77	IRCON INTERNATIONAL LTD.	New Delhi
78	IRCON PB TOLLWAY LTD.	New Delhi
79	IRRIGATION & WATER RESOURCES FINANCE CORPORATION LTD.	New Delhi
80	KANTI BIJLEE UTPADAN NIGAM LTD.	New Delhi
81	KUMARAKRUPPA FRONTIER HOTELS LTD.	New Delhi
82	M M T C LTD.	New Delhi
83	MAHANAGAR TELEPHONE NIGAM LTD.	New Delhi
84	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	New Delhi
85	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	New Delhi
86	NATIONAL BLDG. CONSTN. CORPN. LTD.	New Delhi
87	NATIONAL FERTILIZERS LTD.	Noida
88	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	Faridabad
89	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	New Delhi
90	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	New Delhi
91	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	New Delhi
92	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	Faridabad(Haryana)
93	NATIONAL RESEARCH DEVELOPMENT CORPN.	New Delhi
94	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	New Delhi
95	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	Delhi
96	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	New Delhi
97	NATIONAL SEEDS CORPN. LTD.	New Delhi
98	NATIONAL SMALL INDUSTRIES CORPN. LTD.	New Delhi
99	NATIONAL TEXTILE CORPN. LTD.	New Delhi
100	NELLORE TRANSMISSION LTD.	New Delhi
101	NTPC ELECTRIC SUPPLY COMPANY LTD.	NOIDA
102	NTPC LTD.	New Delhi
103	NTPC VIDYUT VYAPAR NIGAM LTD.	New Delhi

104	NUCLEAR POWER CORPN. OF INDIA LTD.	Mumbai
105	ODISHA INFRAPOWER LTD.	New Delhi
106	OIL & NATURAL GAS CORPORATION LTD.	New Delhi
107	ONGC VIDESH LTD.	New Delhi
108	ORISSA INTEGRATED POWER LTD.	New Delhi
109	P E C LTD.	New Delhi
110	PAWAN HANS LTD.	New Delhi
111	PFC CAPITAL ADVISORY SERVICE LTD.	New Delhi
112	PFC CONSULTING LTD.	New Delhi
113	PFC GREEN ENERGY LTD.	New Delhi
114	POWER FINANCE CORPORATION LTD.	New Delhi
115	POWER GRID CORPORATION OF INDIA LTD.	Gurgaon
116	POWER GRID JABALPUR TRANSMISSION LTD.	New Delhi
117	POWER SYSTEM OPERATION CORPORATION LTD.	New Delhi
118	POWERGRID KALA AMB TRANSMISSION LTD.	New Delhi
119	POWERGRID NM TRANSMISSION LTD.	New Delhi
120	PRIZE PETROLEUM COMPANY LTD.	New Delhi
121	RAIL VIKAS NIGAM LTD.	New Delhi
122	RAILTEL CORPORATION INDIA LTD.	New Delhi
123	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	New Delhi
124	RAIPUR-RAJANAND WARONA TRANSMISSION LTD.	New Delhi
125	REC POWER DISTRIBUTION CO. LTD.	New Delhi
126	REC TRANSMISSION PROJECTS CO. LTD.	New Delhi
127	rites INFRASTRUCTURE SERVICES LTD.	New Delhi
128	rites LTD.	Gurgaon
129	RURAL ELECTRIFICATION CORPN. LTD.	New Delhi
130	SAIL JAGADISHPUR POWER PLANT LTD.	Sultanpur (UP)
131	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	New Delhi
132	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	New Delhi
133	SIDCUL CONCOR INFRA COMPANY LTD.	Pantnagar
134	SIPAT TRANSMISSION LTD.	New Delhi
135	SOLAR ENERGY CORPORATION OF INDIA	New Delhi
136	SOUTH -CENTRAL EAST DELHI POWER TRANSMISSION LTD.	New Delhi
137	STATE TRADING CORPN. OF INDIA LTD.	New Delhi
138	STEEL AUTHORITY OF INDIA LTD.	New Delhi
139	TANDA TRANSMISSION COMPANY LTD.	New Delhi
140	TATIYA ANDHRA MEGA POWER LTD.	New Delhi
141	TCIL BINA TOLL ROAD LTD.	New Delhi
142	TCIL LAKHNADONE TOLL ROAD LTD.	New Delhi
143	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	New Delhi
144	UNCHAHAAR TRANSMISSION LTD.	New Delhi
145	VIZAG TRANSMISSION LTD.	New Delhi
146	WAPCOS LTD.	New Delhi
	<b>GOA</b>	
147	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	
148	GOA SHIPYARD LTD.	Goa
	<b>GUJRAT</b>	
149	INDIAN CATALYST PVT. LTD.	
	<b>HARYANA</b>	
150	INDIAN DRUGS & PHARMACEUTICALS LTD.	Gurgaon
151	NHPC LTD.	Faridabad
152	RAILTEL ENTERPRISES LTD.	
	<b>HIMACHAL PRADESH</b>	
153	SJVN LTD.	New Shimla (H.P)
154	SJVN THERMAL PVT. LTD.	
	<b>JAMMU &amp; KASHMIR</b>	
155	HMT CHINAR WATCHES LTD.	Srinagar
156	J & K MINERAL DEVELOPMENT CORPN. LTD.	Jammu
	<b>JHARKHAND</b>	

157	BHARAT COKING COAL LTD.	Dhanbad
158	CENTRAL COALFIELDS LTD.	Ranchi
159	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	Ranchi
160	ENGINEERING PROJECTS (INDIA) LTD.	New Delhi
161	HEAVY ENGINEERING CORPN. LTD.	Ranchi
162	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	Ranchi
163	MECON LTD.	Ranchi(Jharkhand)
164	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	Ranchi
165	SAIL SINDRI PROJECTS LTD.	Chasnala (Jharkhand)
166	URANIUM CORPORATION OF INDIA LTD.	Jharkhand
	<b>KARNATAKA</b>	
167	ANTRIX CORPORATION LTD.	Bangalore
168	BEL-THALES SYSTEMS LTD.	Bangalore
169	BEML LTD.	Bangalore
170	BHARAT ELECTRONICS LTD.	Bangalore
171	HINDUSTAN AERONAUTICS LTD.	Bangalore
172	HMT (INTERNATIONAL) LTD.	Bangalore
173	HMT LTD.	Bangalore
174	HMT MACHINE TOOLS LTD.	Bangalore
175	HMT WATCHES LTD.	Bangalore
176	I T I LTD.	Bangalore
177	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	Bangalore
178	KARNATAKA TRADE PROMOTION ORGANISATION	Bangalore
179	KARNATAKA VIJAY NAGAR STEEL LTD.	Bangalore
180	KIOCL LTD.	Bangalore
181	MANGALORE REFINERY & PETROCHEMICALS LTD.	Mangalore
182	STCL LTD.	Bangalore
183	TUNGABHADRA STEEL PRODUCTS LTD.	Karnataka
184	VIGNYAN INDUSTRIES LTD.	Karnataka
	<b>KERALA</b>	
185	BHEL ELECTRICAL MACHINES LTD.	
186	COCHIN SHIPYARD LTD.	Kochi
187	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	Kochi
188	HINDUSTAN NEWSPRINT LTD.	Kerala
189	HLL BIOTECH LTD.	Kerala
190	HLL INFRA TECH SERVICES LTD.	Kerala
191	HLL LIFECARE LTD.	Thiruvananthapuram
	<b>MADHYA PRADESH</b>	
192	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	Bhopal
193	NEPA LTD.	Nepa Nagar
194	NHDC LTD.	Bhopal
195	NORTHERN COALFIELDS LTD.	M.P.
	<b>MAHARASHTRA</b>	
196	AIR INDIA CHARTERS LTD.	Mumbai
197	ANUSHAKTI VIDHYUT NIGAM LTD.	Mumbai
198	BEL OPTRONICS DEVICES LTD.	Pune
199	BHARAT PETRO RESOURCES JPDA	Mumbai
200	BHARAT PETRO RESOURCES LTD.	Mumbai
201	BHARAT PETROLEUM CORPN. LTD.	Mumbai
202	COTTON CORPN. OF INDIA LTD.	Navi Mumbai
203	E. C. G. C. LTD.	Mumbai
204	HINDUSTAN ANTIBIOTICS LTD.	Pune
205	HINDUSTAN ORGANIC CHEMICALS LTD.	Maharashtra
206	HINDUSTAN PETROLEUM CORPN. LTD.	Mumbai
207	HOTEL CORPN. OF INDIA LTD.	Mumbai
208	INDIAN OIL CORPORATION LTD.	New Delhi
209	INDIAN RARE EARTHS LTD.	Mumbai
210	KONKAN RAILWAY CORPORATION LTD.	Navi Mumbai
211	MAZAGON DOCK SHIPBUILDERS LTD.	Mumbai

212	MILLENNIUM TELECOM LTD.	Mumbai
213	MINERAL EXPLORATION CORPN. LTD.	Nagpur
214	MOIL LTD.	Nagpur
215	MUMBAI RAILWAY VIKAS CORPORATION LTD.	Mumbai
216	NATIONAL FILM DEV. CORPN. LTD.	Mumbai
217	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	Mumba
218	NPCIL - NALCO POWER COMPANY LTD.	Mumba
219	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	Mumbai
220	RICHARDSON & CRUDDAS(1972) LTD.	Mumbai
221	SHIPPING CORPORATION OF INDIA LTD.	Mumbai
222	WESTERN COALFIELDS LTD.	Nagpur
	<b>MANIPUR</b>	
223	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD. MEGHALAYA	
224	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	Shillong
225	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. NAGALAND	Shillong
226	NAGALAND PULP & PAPER COMPANY LTD.	Kolkata
	<b>ORISSA</b>	
227	MAHANADI BASIN POWER LTD.	Orissa
228	MAHANADI COALFIELDLS LTD.	Orissa
229	MJSJ COAL LTD.	Orissa
230	MNH SHAKTI LTD.	Orissa
231	NATIONAL ALUMINIUM COMPANY LTD.	Bhubaneshwar
232	ORISSA DRUGS & CHEMICALS LTD.	Bhubaneshwar
233	UTKAL ASHOK HOTEL CORPN. LTD. PONDICHERRY	Puri
234	PONDICHERRY ASHOK HOTEL CORPN. LTD.	Pondicherry
	<b>RAJASTHAN</b>	
235	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	Jodhpur
236	HINDUSTAN SALTS LTD.	Jaipur
237	HPCL RAJASTHAN REFINERY LTD.	Jaipur
238	INSTRUMENTATION LTD.	Kota
239	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	Jaipur
240	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	Jaipur
241	SAMBHAR SALTS LTD.	Jaipur
	<b>TAMILNADU</b>	
242	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	Chennai
243	CHENNAI PETROLEUM CORPORATION LTD.	Chennai
244	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	Ootacamund
245	IDPL (TAMILNADU) LTD.	Chennai
246	KAMARAJAR PORT LTD.	Chennai
247	MADRAS FERTILIZERS LTD.	Chennai
248	NEYVELI LIGNITE CORPN. LTD.	Tamilnadu
249	NLC TAMIL NADU POWER LTD.	Tamilnadu
250	SAIL REFRACTORY COMPANY LTD.	Salem
251	SETHUSAMUDRAM CORPN. LTD.	Chennai
252	TAMIL NADU TRADE PROMOTION ORGANISATION	Chennai
	<b>TELANGANA</b>	
253	BHARAT DYNAMICS LTD.	Hyderabad
254	ELECTRONICS CORPN. OF INDIA LTD.	Hyderabad
255	HINDUSTAN FLUOROCARBONS LIMITED	Hyderabad
256	HMT BEARINGS LTD.	Hyderabad
257	MISHRA DHATU NIGAM LTD.	Hyderabad
258	NMDC Ltd.	Hyderabad
259	NMDC POWER LTD.	
	<b>UTTAR PRADESH</b>	
260	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	Kanpur
261	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	Bulandshahar

262	BHARAT PUMPS & COMPRESSORS LTD.	Allahabad
263	BRITISH INDIA CORPORATION LTD.	Kanpur
264	BROADCAST ENGG. CONSULTANTS INDIA LTD.	New Delhi
265	BUNDELKHAND SAUR URJA LTD.	Lucknow
266	JAGDISHPUR PAPER MILLS LTD.	Lucknow
267	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	Lucknow
268	NEYVELI UTTAR PRADESH POWER LTD	Lucknow
269	PROJECTS & DEVELOPMENT INDIA LTD.	Noida
270	SCOOTERS INDIA LTD.	Lucknow
	<b>UTTARANCHAL</b>	
271	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	Almora
272	THDC INDIA LTD.	Rishikesh
	<b>WEST BENGAL</b>	
273	ANDREW YULE & COMPANY LTD.	Kolkata
274	BALMER LAWRIE & CO. LTD.	Kolkata
275	BALMER LAWRIE INVESTMENTS LTD.	Kolkata
276	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	Kolkata
277	BHARAT BHARI UDYOG NIGAM LTD.	Kolkata
278	BIRDS JUTE & EXPORTS LTD.	Kolkata
279	BRAITHWAITE & CO. LTD.	Kolkata
280	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	Kolkata
281	BRIDGE & ROOF CO.(INDIA) LTD.	Kolkata
282	BURN STANDARD COMPANY LTD.	Kolkata
283	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	Kolkata
284	COAL INDIA LTD.	Kolkata
285	EASTERN COALFIELDS LTD.	Kolkata
286	EASTERN INVESTMENT LTD.	Kolkata
287	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	Kolkata
288	HINDUSTAN CABLES LTD.	Kolkata
289	HINDUSTAN COPPER LTD.	Kolkata
290	HINDUSTAN STEELWORKS COSTN. LTD.	Kolkata
291	HOOGHLY DOCK AND PORT ENGINEERS LTD.	Kolkata
292	HOOGHLY PRINTING COMPANY LTD.	Kolkata
293	KOLKATA METRO RAIL CORPORATION LTD.	Kolkata
294	M S T C LTD.	Kolkata
295	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	Kolkata
296	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	Kolkata
297	THE BISRA STONE LIME COMPANY LTD.	Kolkata
298	THE JUTE CORPN. OF INDIA LTD.	Kolkata



**CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN 2014-15**

Sl. No.	CPSE
1	Air India Air Transport Services Ltd.
2	Air India Charters Ltd.
3	Air India Ltd.
4	Airline Allied Services Ltd.
5	Airports Authority of India
6	Andaman & Nicobar Isl. Forest & Plant.Dev.Corp.Ltd
7	Assam Ashok Hotel Corpn. Ltd.
8	Bengal Chemicals & Pharmaceuticals Ltd.
9	Bharat Bhari Udyog Nigam Ltd.
10	Bharat Coking Coal Ltd.
11	Bharat Dynamics Ltd.
12	Bharat Immunologicals & Biologicals Corp. Ltd.
13	Bharat Pumps & Compressors Ltd.
14	Bharat Wagon & Engg. Co. Ltd.
15	British India Corporation Ltd.
16	Central Warehousing Corpn.
17	Delhi Police Housing Corporation Ltd.
18	Fertilizer Corpn. of India Ltd.
19	Food Corpn. of India
20	Heavy Engineering Corpn. Ltd.
21	Hindustan Antibiotics Ltd.
22	Hindustan Fertilizer Corpn. Ltd.
23	Hindustan Newsprint Ltd.
24	Hindustan Paper Corporation Ltd.
25	Hindustan Photo Films Manufacturing Co. Ltd.
26	HMT Bearings Ltd.
27	HMT Chinar Watches Ltd.
28	HMT Ltd.
29	HMT Machine Tools Ltd.
30	HMT Watches Ltd.
31	I T I Ltd.
32	IDPL (Tamilnadu) Ltd.
33	Indian Drugs & Pharmaceuticals Ltd.
34	Indian Medicines & Pharmaceutical Corpn. Ltd.
35	Indian Oil-Creda Biofuels Ltd.
36	Indian Railway Finance Corporation Ltd.
37	Indian Railway Stations Devpt. Corporation Ltd.
38	Irrigation & Water Resources Finance Corporation Ltd.
39	J & K Mineral Development Corpn. Ltd.
40	Mazagon Dock Shipbuilders Ltd.
41	National Informatics Centre Services Incorporated
42	National Seeds Corpn. Ltd.
43	North Eastern Electric Power Corporation Ltd.
44	North Eastern Regional Agri. Marketing Corp.Ltd.
45	Northern Coalfields Ltd.
46	Orissa Drugs & Chemicals Ltd.
47	P E C Ltd.
48	Prize Petroleum Company Ltd.
49	Railway Energy Management Company Ltd.
50	Rajasthan Drugs & Pharmaceuticals Ltd.
51	SAIL Refractory Company Ltd.
52	Solar Energy Corporation Of India
53	STCL Ltd.
54	Utkal Ashok Hotel Corpn. Ltd.

## GLOSSARY OF CERTAIN TERMS USED IN THIS REPORT

1. **Capital Employed** means total Share Capital Fund and long term Borrowings.
2. **Share Capital Funds** consists of paid up capital, Reserves & Surplus, Money received against Share Warrant and Share application money pending allotment.
3. **Working Capital** means current assets less current liabilities.
4. **Investment** (Financial) means paid-up-capital, share application money pending allotment, Money received against Share Warrants and long term borrowings.
5. **Gross Block** represents original cost of procuring and erecting fixed assets (tangible and intangible) as appearing in the annual accounts of the CPSEs at the end of the accounting year and takes into account additions thereto and deduction there from by way of sales and transfers and Capital-Work-In progress and Intangible Assets under development.
6. **Gross Turnover/Revenue** means the revenue from operations including sale of products (Interest income in case of Financial Enterprises), Sale of Services and other operating revenue (Revenue from other Financial Services in case of Financial Enterprises) and include excise duty.
7. **Total Revenue means** Net Turnover (excluding excise duty) and includes other income also.
8. **Cost of Sales** means total expenditure incurred on production / operation and includes depreciation, depletion & amortization, impairment excluding loss on sale of assets/Investments.
9. **Net Worth** means paid-up capital, money received against share warrants, share application money pending allotment and reserves & surplus.
10. **Net Value Addition** consists of Profit before tax (PBT), salary and wages, royalty/rent/cess and interest payment and indirect taxes and duties (net of subsidies).
11. **Profit before depreciation, depletion & amortization, impairment, interest, exceptional and extraordinary items and taxes (PBDIIEET)/Gross Margin:** This represents excess of income over expenditure before providing for depreciation, depletion & amortization, impairment, interest/finance cost, exceptional items and extra ordinary items and taxes.
12. **Profit before interest, exceptional, extra ordinary items and taxes, (PBIIEET)/Gross Profit** means excess of income over expenditure before providing for interest finance cost, exceptional items and extra ordinary items and taxes.
13. **Profit before exceptional, extraordinary items and taxes, (PBEET)** means excess of income over expenditure before providing for exceptional items, extra ordinary items and taxes.
14. **Net Profit/Loss** means excess of total income over expenditure after providing for depreciation, depletion, impairment, interest, exceptional items, taxes, and extra ordinary items.

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