



Public Enterprises Survey | 2017-18

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



Public Enterprises Survey 2017-18

Volume-1

Government of India
Ministry of Heavy Industries and Public Enterprises
Department of Public Enterprises

मंत्री
भारी उद्योग एवं लोक उद्यम
भारत सरकार



Minister of
Heavy Industries & Public Enterprises
Government of India

Foreword



ANANT G. GEETE

The Public Enterprises Survey (2017-18) is the 58th survey in the series being laid in the Parliament. It presents an overview of the performance of all the CPSEs including their subsidiaries during the year 2017-18. The survey gives a detailed analysis of various aspects of the performance as well as sector-wise information. It also contains a snapshot of the balance sheet and profit & loss statement along with the vital financial and non-financial indicators.

The CPSEs have been serving crucial macroeconomic objectives such as higher economic growth, infrastructure development and healthy market conditions. The CPSEs are also play a significant role in discharging corporate social responsibility (CSR), especially in the field of health, education and skill development. During the year, CPSEs have spent over Rs. 3400 crore on CSR activities. The Maharatna and Navratna CPSEs constitutes an elite group of companies in sectors like Petroleum & Natural Gas, Coal, Power Generation and Transmission, Steel and Heavy engineering.

The overall performance of CPSEs in India has shown a significant improvement. The overall net profit of 257 operating CPSEs grew by 2.29% to Rs. 1.28 Lakh Crore. The profit of profit-making CPSEs (184) has increased to Rs.1.60 lakh crore from Rs.1.53 lakh crore. The CPSEs also made a substantial contribution to the central exchequer by adding Rs. 3.50 lakh crore in the form of dividend, interest, corporate taxes, GST etc. The CPSEs have become an important choice of investment for both domestic and global investors.

The financial investment in all the CPSEs stood at Rs. 13.73 lakh crore as compared to Rs. 12.46 lakh crore in previous year, showing a growth 10.19%. The CPSEs in the service sector had the major share in financial investment (61.45%) as on 31.3.2018.

I congratulate the Department of Public Enterprises for bringing out this survey in a new form with fresh contents. I wish to acknowledge the sincere efforts put in by the officers and staff in the preparation of this survey.

December, 2018
New Delhi


(Anant G. Geete)

केन्द्रीय राज्य मंत्री
भारी उद्योग एवं लोक उद्यम
भारत सरकार



Union Minister of State
Heavy Industries & Public Enterprises
Government of India

Preface



BABUL SUPRIYO

The Estimates Committee (2nd Lok Sabha), in their 73rd 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 CPSEs. The first Annual Report was accordingly placed in Parliament in the year 1960-61. The present Survey is the 58th in the series and the data has been presented based on the Schedule III of Companies Act 2013.

The Central Public Sector Enterprises (CPSEs) in India have made a valuable contribution in fulfilling various macro-economic objectives. The CPSEs are in many diverse sectors. They can be categorized into 5 sectors & 21 sub-sectors/ cognate groups operating over the length and breadth of the country. They help in developing various new technologies, markets and services and are also a significant source of employment with a workforce strength of 10.88 lakh as on 31.3.2018 (excluding contractual & casual workers).


The Survey incorporates the audited financial and operational performance data for the year 2017-18. Out of 257, 171 operating CPSEs have complied with Indian Accounting Standards (IND- AS) as per Companies Acts, 2013. The remaining operating CPSEs have continued to comply with the existing accounting standards.

The Department of Public Enterprises acknowledges the cooperation extended by all the Ministries/Departments of Government of India and their respective CPSEs in providing key financial, performance parameters and other related statistics for the preparation of the Survey.

This survey meets an important need of policy-makers/planners in the government as well as in industry and academia for judicious decisions to achieve economic growth. I am confident that the survey will be a useful source of information about all the sectors pertaining to CPSEs.

I also take this opportunity to place on record the efforts put in by Secretary, DPE and all officers and staff of the Department in preparing this Survey.

December, 2018
New Delhi



(Babul Supriyo)



Introduction



SEEMA BAHUGUNA, IAS
SECRETARY

The Department of Public Enterprises (DPE) brings out a Public Enterprises Survey every year. This is a consolidated report on the performance of all CPSEs providing an overview of their annual financial and operational achievements.

2. CPSEs continue to play a major role in fulfilling the developmental priorities of the country. They contribute to macroeconomic objectives such as growth, advancement in manufacturing and technology, price stabilisation, etc., as well as to socio-economic objectives such as employment generation and skill development.

3. The Public Enterprises Survey (2017-18) is based on Schedule III of Companies Act, 2013 and primarily contains the audited financial data for the past two years i.e. 2017-18 and 2016-17. The data has been analysed and presented in two separate volumes. Volume-I contains the macro appraisal of the performance of CPSEs at the aggregate level in terms of the operational and financial parameters. Volume-II contains the enterprise-wise and cognate group-wise data for the years 2017-18 and 2016-17.

4. There were 339 CPSEs within the scope of the Survey in 2017-18 as against 331 CPSEs in 2016-17. Seventeen (17) new public sector enterprises have been added whereas nine (9) enterprises were deleted/closed. A list of these CPSEs is shown at Appendix VII, at the end of this Volume.

5. Last year the analytical content and overall presentation of the PE Survey was restructured. The layout was improved with the addition of new analysis, graphs and boxes. I hope this will prove useful for the stakeholders and give them updated information and valuable insights to better understand the contribution of CPSEs towards the economic growth of India.

6. I would like to express my gratitude to all the Ministries/Departments and CPSEs for making the relevant information available in a time bound manner. I would also like to congratulate officers & staff of DPE for their hard work enabling timely completion of this exercise.

7. The Survey is available on the department's website www.dpe.nic.in. Suggestions to further improve the Public Enterprises Survey are welcome, and may be shared via email with: psurvey@nic.in.

December, 2018
New Delhi

(Seema Bahuguna)

CONTENTS

Forward	I
Preface	iii
Introduction	v

CHAPTER NO.	PAGE NO.	NAME OF THE CHAPTER
1	1-6	THE YEAR GONE BY
1.1	1	Highlights
1.2	3	Cognate group-wise status of CPSEs
1.3	3-4	Top 10 Profit and Loss Making CPSEs
1.4	5	Sector-wise Performance
1.5	5-6	Implementation of Public Procurement Policy for Micro & Small Enterprises (MSEs)
2	7-17	CPSEs AND THE INDIAN ECONOMY
2.1	7	Overview
2.2	7-8	Sector and Group-wise Gross Revenue from Operations
2.3	8	Sector and Group-wise Net Profits/losses
2.4	8	Foreign Exchange Earnings/Expenditure of CPSEs
2.5	8	Employee Strength and salaries/wages of CPSEs
2.6	8	Provisional data of CPSEs
2.7	8	Revision of Data of 2016-17 of CPSEs
2.8	9	Net Value Addition by CPSEs
2.9	9	Contribution to the Central Exchequer
2.10	10-17	Cognate Group-wise Analysis
3	19-44	FINANCIAL INFORMATION
3.1	19-20	IND-AS Implementation in CPSEs
3.2	20-23	Gross Revenue from Operations
3.3	23-26	Aggregate Profit and Loss of operating CPSEs
3.4	26-28	Macro View of Performance of operating CPSEs
3.5	29-33	Profitability Margins
3.6	34-38	Aggregate Balance Sheet of Operating CPSEs
3.7	38-43	Financial Investment
3.8	44	Revival and Restructuring of Sick/loss making CPSEs
4	45-155	OPERATIONAL INFORMATION
4.1	45-74	Productivity in Public Enterprises
4.2	74-78	International Operations of CPSEs
4.3	78-81	International Finance & Investment
4.4	81-82	Risk Management in CPSEs
4.5	82-121	Research & Development
4.6	122-148	Mega and Major Projects under Implementation
5	155-206	ORGANISATION AND MANAGEMENT
5.1	155-56	Organisational Structure of CPSEs
5.2	156	Appointment of Functional Directors of CPSEs
5.3	156-158	Professionalization of Board of CPSEs
5.4	158-159	Corporate Governance in CPSEs
5.5	159-161	Wage & Salary and Manpower Rationalization in CPSEs
5.6	161-170	Employment in CPSEs

CHAPTER NO.	PAGE NO.	NAME OF THE CHAPTER
5.7	170-176	Corporate Social Responsibility of CPSEs
5.8	177-182	Delegation of Enhanced Financial Powers to CPSEs
5.9	182-205	MoU Systems in CPSEs

ANNEXURES

4.1	149-152	Foreign Exchange Earnings & Foreign Exchange Utilisation by CPSEs
4.2	153-154	Loans (Secured and Unsecured) raised in abroad by CPSEs 2017-18
5.1	185-187	Schedule-wise list of CPSEs as on 31st March, 2018
5.2	188-205	Status of Grading Report of CPSEs on Compliance with Guidelines on Corporate Governance for CPSEs for the year 2016-17
5.3	206	List of Miniratna CPSES

STATEMENTS & APPENDICES

S1-S242



1

The Year Gone By

1.1 Highlights

The Estimates Committee, in their 73rd 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 58th Report in the series.

Section 2 (45) of Companies Act, 2013 defines a Government company to mean – any company in which not less than 51% 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 a Government Company. The Public Enterprises Survey traditionally covers, besides certain 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 have been 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 Rs. 29 crore at the time of the First Five Year Plan, there were 339 CPSEs with a total investment of Rs. 13,73,412 crore as on 31st March, 2018.

The CPSEs are key and strategic actors in the nation's economy providing essential goods and services and holding a dominant market position in critical sectors such as Petroleum, Coal, Power, Steel, Mining, and Transport & Logistic Services. The CPSEs are also operating in competitive markets such as Telecommunication and Information Technology, Hospitality, etc. The CPSEs are increasingly under pressure by both the government and business environment competition to achieve their goals more effectively and efficiently.

A large number of CPSEs have been set up as greenfield projects consequent to the initiatives taken during the earlier 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, 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. IOCL, ONGC, GAIL, HPCL and BPCL), 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 Ispat Nigam Ltd) and telecommunication (e.g. BSNL and MTNL).

Box 1.1: Highlights

Highlights

- Total paid up capital in 339 CPSEs as on 31.3.2018 stood at Rs. 2,49,988 crore as compared to Rs. 2,32,161 crore as on 31.3. 2017 (331 CPSEs), showing a growth of 7.68%.
- Total Investment in all CPSEs stood at Rs. 13,73,412 crore as on 31.3.2018 compared to Rs.12,45,819 crore as on 31.3.2017, recording a growth of 10.24%.
- Capital Employed in all CPSEs stood at Rs. 23,15,707 crore as on 31.3.2018 compared to Rs. 21,66,801 crore as on 31.3.2017 showing a growth of 6.87 %.
- Total gross revenue from operation of all CPSEs during 2017-18 stood at Rs. 21,55,948 crore compared to Rs. 19,55,675 crore in the previous year showing a growth of 10.24 %.
- Total income of all CPSEs during 2017-18 stood at Rs. 20,33,732 crore compared to Rs. 18,22,184 crore in 2016-17, showing a growth of 11.61%.
- Profit of profit making CPSEs (184 CPSEs) stood at Rs. 1,59,635 crore during 2017-18 compared to Rs. 1,52,978 crore in 2016-17 showing a growth in profit

by 4.35%.

- Loss of loss incurring CPSEs (i.e 71 CPSEs) stood at Rs. 31,261 crore in 2017-18 compared to Rs. 27,480 crore in 2016-17 showing increase in loss by 13.76 %
- Overall net profit of all 257 operating CPSEs during 2017-18 stood at Rs. 1,28,374 crore compared to Rs. 1,25,498 crore during 2016-17 showing a growth in overall profit of 2.29%.
- Reserves & Surplus of CPSEs stood at Rs. 9,42,295 crore as on 31.03.2018 to Rs. 9,20,981 crores as on 31.03.2017 showing an increase by 2.31 %.
- Dividend declared/paid by CPSEs in the year 2017-18 stood at Rs.76,578 crore against Rs.78,129 crore in the year 2016-17 showing a decrease by 1.99%
- Contribution of CPSEs to Central Exchequer by way of excise duty, customs duty, GST, corporate tax, interest on Central Government loans, dividend & other duties and taxes stood at Rs. 3,50,052 crore in 2017-18 decreased from Rs. 3,60,815 crore in 2016-17, showing a decrease of 2.98%.
- Foreign exchange earnings through exports of goods and services stood at Rs. 86,980 crores in 2017-18 against Rs. 87,768 crores in 2016-17, showing decrease of 0.90%.
- Foreign exchange expenditure on imports and royalty, know-how, consultancy, interest and other expenditure stood at Rs. 4,96,581 crores in 2017-18 against Rs. 4,38,996 crore in 2016-17 showing an increase of 13.12%.
- CSR Expenditure of CPSEs stood at Rs. 3442.42 crore in the year 2017-18 against Rs. 3338.21 crore in 2016-17 showing an increase of 3.12%.
- CPSEs employed 10.88 lakh people (excluding casual and contractual workers) in 2017-18 compared to 11.35 lakh in 2016-17, showing a reduction in employee strength by 4.14%.
- Salary and wages in all CPSEs stood at Rs. 1,57,621 crore in 2017-18 against Rs. 1,40,956 crore in 2016-17 showing a growth of 11.82%.
- Total Market Capitalization (M-Cap) of 52 CPSEs traded on stock exchanges of India is Rs. 15,22,041 crore as on 31.03.2018 as compared to Rs. 15,18,920 crore as on 31.03.2017 showing an increase of 0.21%.
- Market Capitalisation of CPSEs as per cent of BSE Market Capitalisation decreased from 12.50% as on 31.3.2017 to 10.70% as on 31.3.2018.

1.2 Cognate group-wise status of CPSEs

A Committee was constituted on 4th July 2017 to examine the issues relating to change of cognate groups of the CPSEs as per their core line of activities. Based on the recommendations of the committee Electricity Sector was removed along with shifting of 'Power Generation' to Manufacturing Sector and 'Power Transmission' to Services Sector. The Cognate Groups 'Contracts & Construction' and 'Industrial development & Technical Consultancy' were merged together and categorized as 'Contracts, Construction, & Technical Consultancy', Heavy Engineering and Medium & Light Engineering cognate groups have been merged together and categorized as Heavy and Medium Engineering. The revised cognate groups along with CPSEs falling under respective cognate groups can be seen in Appendix –II.

The enterprises covered in this Survey have been classified into five Sectors having 21 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 1.2

Box 1.2: Cognate Group-Wise Enterprises			
S. No	Cognate Group	No. of Enterprises as on	
		31.03.2018	31.03.2017
I	Agriculture		
	Agro-based Industries	3	5
	Sub-total (I)	3	5
II	Mining & Exploration		
	Coal	8	8
	Crude-Oil	5	5
	Other Minerals & Metals	11	11
	Sub-total (II)	24	24
III	Manufacturing, Processing & Generation		
	Steel	4	4
	Petroleum (Refinery & Marketing)	6	6
	Fertilizers	7	7
	Chemicals & Pharmaceuticals	17	17
	Heavy & Medium Engineering	36	35
	Transportation Vehicle & Equipment	1	1
	Industrial & Consumer Goods	13	13

	Textiles	4	4
	Power Generation	12	12
	Sub-total (III)	100	99
IV	Services		
	Power Transmission	9	8
	Trading & Marketing	20	20
	Transport & Logistic Services	23	21
	Contract & Construction and Technical Consultancy Services	43	42
	Hotel & Tourist Services	7	9
	Financial Services	20	21
	Telecommunication & Information Technology	8	8
	Sub-total (IV)	130	129
V	Enterprises under Construction	82	74
	Sub-total (V)	82	74
	Grand Total	339	331

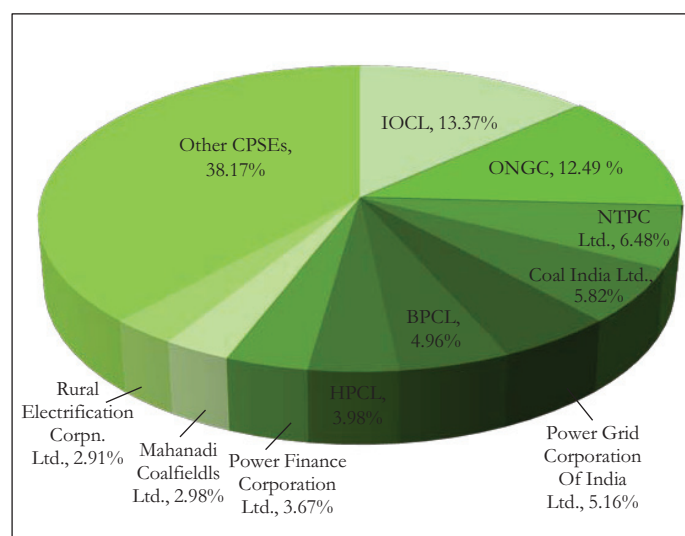
1.3 Top 10 Profit and Loss Making CPSEs

Indian Oil Corporation Limited, Oil & Natural Gas Corporation Ltd., and NTPC Ltd were ranked first, second and third respectively amongst the top ten profit making CPSEs contributing 13.37%, 12.49% and 6.48% respectively to the total profit earned by profit making CPSEs during the year 2017-18. Power Finance Corporation Limited has added in the top ten profit making CPSEs, while Mangalore Refinery & Petrochemicals Ltd. has not featured in the list of top ten profit making CPSEs. The top ten profit making CPSEs claimed 61.83% of the total profit made by all the (184) profit making CPSEs during the year. The statement showing profit of all profit making CPSEs is given at Statement No.3.

Table 1.1: Top 10 Profit Making CPSEs during 2017-18 (Rs. in Crore)			
Sl. No	CPSE Name	Net Profit	% Share
1	Indian Oil Corporation Ltd.	21346	13.37
2	Oil & Natural Gas Corporation Ltd.	19945	12.49
3	NTPC Ltd.	10343	6.48
4	Coal India Ltd.	9293	5.82
5	Power Grid Corporation	8239	5.16

6	Bharat Petroleum Corp. Ltd.	7919	4.96
7	Hindustan Petroleum Corporation Ltd	6357	3.98
8	Power Finance Corp. Ltd.	5855	3.67
9	Mahanadi Coalfields Ltd.	4761	2.98
10	Rural Electrification Corporation Ltd	4647	2.91
	Total (1 to 10)	98707	61.83
	Other CPSEs (174)	60928	38.17
	Profit of Profit making CPSEs (184)	159635	100

Figure-1.1 Share of Major Profit Making CPSEs



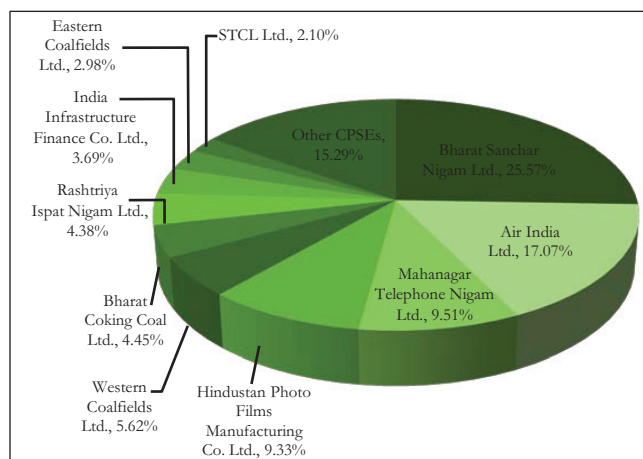
Amongst the top ten loss making companies, Bharat Sanchar Nigam Ltd., Air India Ltd. and Mahanagar Telephone Nigam Ltd. were the highest loss making CPSEs during 2017-18. The top ten loss making CPSEs claimed 84.71% of the total losses made by all the loss making (71) CPSEs during the year. The top three loss making CPSEs namely, Bharat Sanchar Nigam Ltd., Air India Ltd. and Mahanagar Telephone Nigam Ltd. incurred a loss equal to 52.15% of the total loss by the loss making CPSEs in 2017-18. Steel Authority of India Limited, Air India Engineering Services Limited and Brahmaputra Crackers and Polymer Ltd have

incurred losses this year as well, however they have not featured in top ten loss making companies. Bharat Coking coal Limited has incurred huge losses in 2017-18 and has entered into list of top ten loss making CPSEs, while India Infrastructure Finance Co. Ltd and Eastern Coalfields Ltd which were profit making CPSEs till 2016-17, have started making losses and have featured in the list of top ten loss making CPSEs. The statement showing loss of all loss making CPSEs is given at Statement No.3.

Table 1.2: Top 10 Loss-making CPSEs during 2017-18 (Rs. in crore)			
Sl. No	CPSE Name	Net Loss	% Share
1	Bharat Sanchar Nigam Limited	-7993	25.57
2	Air India Ltd.	-5338	17.07
3	Mahanagar Telephone Nigam Ltd.	-2973	9.51
4	Hindustan Photo Films Manufacturing Co. Ltd.*	-2917	9.33
5	Western Coalfields Ltd.	-1757	5.62
6	Bharat Coking Coal Ltd.	-1391	4.45
7	Rashtriya Ispat Nigam Ltd.	-1369	4.38
8	India Infrastructure Finance Co. Ltd.	-1155	3.69
9	Eastern Coalfields Ltd.	-931	2.98
10	STCL Ltd.	-657	2.10
	Total (1 to 10)	-26480	84.71
	Other CPSEs (61)	-4781	15.29
	Loss of Loss making CPSEs (71)	-31261	100

*provisional

Figure-1.2: Share of Major Loss-making CPSEs



1.4 Sector-wise Performance

The important financial ratios are given in Table 1.3 for the last two years. It has been observed that Return on Net Worth is highest in the Mining & Exploration Sector (14.77%) followed by Manufacturing, Processing & Generation (14.34%), Services (5.04%) while Agriculture sector has shown negative (-39.30%) return on Net Worth. It is pertinent to note that overall return on Net Worth of all CPSEs taken together is 11.58% during the year 2017-18 and only Mining & Exploration sector's and Manufacturing, Processing & Generation Sector's return on net worth is higher than the average return of all CPSEs during the year 2017-18.

Return on Assets is highest in the Mining & Exploration Sector (6.94%) followed by Manufacturing, Processing & Generation (4.71%), Services (0.99%) whereas the Agriculture sector has shown negative (-5.06%) return on Assets. It is noted that overall return on Assets of all CPSEs taken together is 3.39% during the year 2017-18 showing

Mining & Exploration and Manufacturing, Processing & Generation Sector's return on Assets is higher than the average return of all CPSEs during the year 2017-18.

Net Profit Margin is the highest in the Mining & Exploration Sector (18.16%) followed by Manufacturing, Processing & Generation (5.07%), Services (3.60%) whereas Agriculture sector has a negative (-10.45%) net profit Margin. It is pertinent to mention here that overall Net Profit margin of all CPSEs taken together is 6.31% during the year 2017-18 and only Mining & Exploration sector's Net Profit Margin is higher than the average Net Profit Margin of all CPSEs during the year 2017-18.

During the year PBIT Margin is highest in the Mining & Exploration Sector (27.09%) followed by Services (11.72%), Manufacturing, Processing & Generation (9.02%), and Agriculture sector (-0.86%). It is pertinent to mention here that overall PBIT Margin of all CPSEs taken together is 11.85% during the year 2016-17 and only Mining & Exploration sector's PBIT Margin is higher than the average PBIT margin of all CPSEs.

Table 1.3: Sector-wise key Ratios of CPSEs

Sector	Return on net worth (%)		Return on Assets (%)		Net Profit Margin (%)		PBIT Margin (%)	
	2017-18	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18	2016-17
Agriculture	(39.30)	(8.75)	(5.06)	(1.54)	(10.45)	(2.28)	(0.86)	7.05
Mining & Exploration	14.77	16.17	6.94	8.01	18.16	20.52	27.09	28.90
Manufacturing, Processing & Generation	14.34	14.40	4.71	4.76	5.07	5.50	9.02	9.30
Services	5.04	4.59	0.99	1.04	3.60	3.43	11.72	11.76
Total	11.58	11.76	3.39	3.68	6.31	6.89	11.85	12.40

1.5 Implementation of Public Procurement Policy for Micro & Small Enterprises (MSEs)

The Government of India has notified Public Procurement Policy for Micro & Small Enterprises (MSEs) Order, 2012 which is applicable for every Central Ministry / Department / PSU w.e.f. 1st April, 2012.

The Policy mandates that every Central Ministry / Department / Public Sector Undertaking shall set an annual goal of procurement from Micro and Small Enterprises from the financial year 2012-13 onwards, with the objective of achieving an overall procurement of minimum 20 percent of total annual purchases of products produced and services rendered by Micro and Small Enterprises in a period of three

years. The minimum 20% annual procurement from MSEs has become mandatory from 1st April 2015. Policy has also earmarked a sub target of 4% out of the 20%, from MSEs owned by SC/ ST Enterprises.

The Department of Public Enterprises has started collecting information regarding procurement from MSEs by CPSEs. The data/information received from CPSEs during the last four years from 2014-15 is summarised below in Table 1.4.



Table 1.4: Detail of procurement by CPSEs from Micro and Small Enterprises (MSEs) (Rs. in crore)				
Years	No. of CPSEs	Total Procurement	Procurement from MSEs	Procurement from MSEs owned by SC/ST Entrepreneur
2014-15	113	1,43,665.03	9,601.01	90.12
2015-16	132	162,659.75	12,566.15	50.11
2016-17	141	134,409.70	25,329.44	400.87
2017-18	168	161,652.98	24,226.51	442.52

Note: Procurement data does not include data of Food Corporation of India as bifurcation of total procurement from MSE and Non MSE enterprises is not available.



2

CPSEs and the Indian Economy

2.1 Overview

The CPSEs not only play a significant role in the growth of the Indian economy, but are also affected by the overall growth in the economy. Provisional estimate of GDP at current prices in 2017-18 was Rs 167.73 lakh crore as against the GDP of Rs 152.54 lakh crore for the year 2016-17, recording a growth rate of 9.96% during the year. The Gross Revenue from Operations of CPSEs has increased in 2017-18 by 10.24% to Rs. 21,55,948 crore from Rs. 19,55,675 crore in 2016-17 whereas profit of profit making CPSEs increased by 4.35% to Rs. 1,59,635 crore in 2017-18 from Rs. 1,52,978 crore in 2016-17.

The total loss of loss making CPSEs increased by 13.76% to Rs. 31,261 crore from Rs. 27,480 crore during the same period. Overall, aggregate net profit reported by all 257 CPSEs is Rs. 1,28,374 crore as against Rs. 1,25,498 crore reported in the year 2016-17, thus showing a growth in overall profit of 2.29% as against a growth of 9.86% in 2016-17. During the year 2017-18 the number of profit making CPSEs have increased to 184 from 175 CPSEs in previous year and the number of loss making CPSEs have decreased to 71 from 81 during the same period. Two CPSEs, namely Food Corporation of India and NTPC Electric Supply Company Limited neither earned profit nor incurred loss during 2017-18.

2.2 Sector and Group-wise Gross Revenue from Operations

The Manufacturing, Processing & Generation sector has a major share of 68.07% of the Gross Revenue from Operations achieved by CPSEs during 2017-18, followed by Services sector (21.50%), Mining & Exploration sector (10.38%), and Agriculture sector (0.04%). The group-wise analysis of the sectors shows that Petroleum (Refinery & Marketing) contributes 53.38%, followed by Trading and Marketing services (8.30%), Power Generation (5.67%), Transport & Logistic Services (5.25%), Crude Oil (5.03%), Coal (4.03%), Heavy & Medium Engineering (3.69%), Steel (3.46%) and Financial Services (3.29%). The remaining 7.90% has been contributed by other cognate groups. The Gross Revenue from Operations of CPSEs showed a significant increase in Other Minerals & Metals (29.21%), Steel (17.77%), Chemical & Pharmaceuticals

(17.35%), Power Transmission (16.63%), Transportation vehicle & Equipment (16.61%), Contract, Construction & Technical Consultancy Services (13.87%) and Petroleum (Refinery & Marketing) (13.35%) during the year 2017-18 while there was sharp decrease in Gross Revenue from Operations of CPSEs in Agro Based Industries (23.62%), Industrial & Consumer Goods (19.51%), Telecommunication & Information Technology (17.38%) and Textiles (8.71%) during the same year.

2.3 Sector and Group-wise Net Profits/losses

The Manufacturing, Processing & Generation sector has a major share of 51.67% of the total net profits earned by CPSEs during 2017-18 followed by Mining & Exploration sector (35.01%) and Services Sector (13.41%). The group-wise analysis of sectors shows that Petroleum (Refining & Marketing) sector contributed 31.79%, to the net profit for the year 2017-18 followed by Crude Oil (18.25%), Power Generation (16.67%), Coal (12.32%), Financial Services (10.04%), and Heavy & Medium Engineering (7.25%). The remaining 3.68% has been contributed by other cognate groups.

The net losses have decreased in the Chemicals & Pharmaceuticals, Steel and Trading & Marketing groups. The cognate group-wise analysis shows that textiles cognate group has reported loss in 2017-18 as against profit reported in 2016-17 while the net losses of Agro Based Industries, Industrial & Consumer Goods and Telecommunication & Information Technology have increased in 2017-18 as compared to net losses reported in 2016-17. Transport and Logistic Services, Transportation Vehicle & Equipment, Fertilizers and Other Minerals & Metals registered as groups having major jump in profits in comparison to last year.

2.4 Foreign Exchange Earnings/Expenditure of CPSES

The share of earnings through export/deemed export amounted to 4.03% of total turnover during the year, and the CPSEs have earned foreign exchange amounting to Rs. 86,980 crore in 2017-18 as compared to Rs 87,768 crore in 2016-17. The foreign exchange expenditure on imports and royalty, know-how, consultancy, interest and other expenditure, on the other hand, increased to

Rs 4,96,581 crore in 2017-18 against Rs 4,38,996 crore in 2016-17 showing a growth of 13.12%.

2.5 Employee Strength and salaries/wages of CPSES

The total employee strength in CPSEs stood at 10.88 lakh (excluding contractual & casual/daily rated workers) in 2017-18 as compared to 11.35 lakh in 2016-17. The total strength of employees in CPSEs has gone down by 0.47 Lakh 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 Rs 1,40,956 crore in 2016-17 to Rs 1,57,621 crore in 2017-18 showing a growth of 11.82%. Per employee turnover of CPSEs has increased from Rs 1.72 crore in 2016-17 to Rs 1.98 crore in 2017-18.

2.6 Provisional data of CPSES

Like the previous years, the Survey mainly takes into account audited financial statements. However, there are some CPSEs that could not get their accounts audited and consequently submitted provisional data. This year 10 CPSEs have given provisional financial data which is unaudited and 23 CPSEs have not furnished any information for the year 2017-18. Therefore, data in respect of 33 CPSEs is being treated as provisional and is listed in Appendix-V.

2.7 Revision of Data of 2016-17 of CPSES

In PE survey 2016-17, unaudited / provisional data in respect of 21 CPSEs were furnished. Most of these companies have now furnished updated / audited figures and that have been incorporated and revised in the data of 2016-17. Further, the number of IND-AS CPSEs this year has increased to 171 as compared to 140 during last year. Further revision of figures in annual accounts, wherever applicable, has also been taken into account and has led to revision of data for 2016-17.

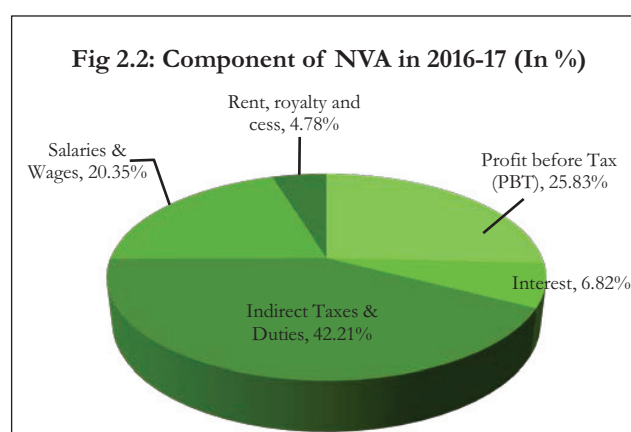
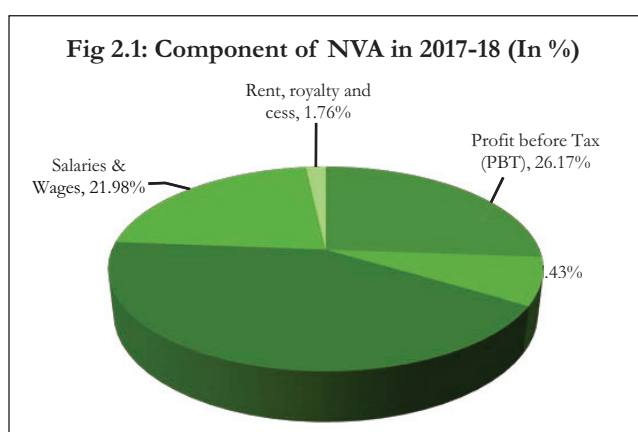
During the year 2017-18, ERSS XXI Transmission Ltd. has been renamed as Power Grid Mithilanchal Transmisison Ltd. and Hindustan Insecticides Ltd. has been renamed as HIL (India) Ltd.

2.8 Net Value Addition by CPSEs

Net Value Addition (NVA) by CPSEs increased from Rs 6,92,500 crore in 2016-17 to Rs 7,17,244 crore in 2017-18 (Table. 2.1) recording a growth rate of 3.57%. Thus, the share of Net Value Addition as a ratio to GDP stood at 4.28% in the year 2017-18 as against 4.54% in

2016-17. The share of Gross Value Addition by CPSEs (Net Value Addition + Depreciation & Impairment) in the GDP stood at 4.76% in 2017-18 as against 5.03% in 2016-17. In real terms the Gross Value Addition was Rs. 7,99,092 crore in 2017-18 and Rs. 7,66,521 crore in 2016-17.

S. No.	Net Value Addition	2017-18	2016-17
1	Profit before Tax (PBT)	1,87,697	1,78,866
2	Interest	53,303	47,229
3	Indirect Taxes & Duties (Net of subsidies)	3,05,997	2,92,329
4	Salaries & Wages	1,57,621	1,40,956
5	Rent, royalty & cess	12626	33120
	Total	7,17,244	6,92,500



2.8.1 Components of Net Value Addition

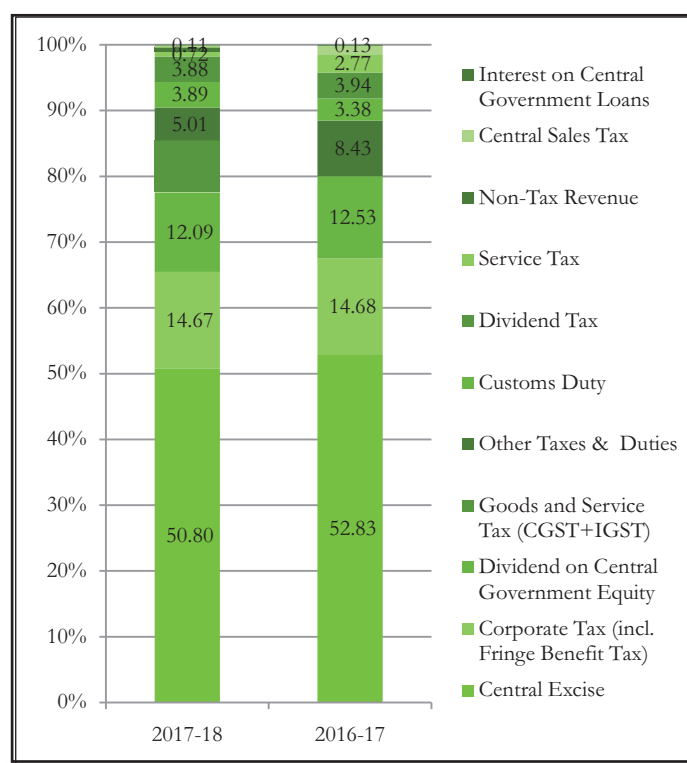
In terms of 'Net Value Addition' (Gross Value Addition – Depreciation & Impairment) generated by CPSEs in 2017-18, the share of indirect taxes & duties (net of subsidies) was the highest at 42.66%. This was followed by 'profit before tax' (26.17%), salary & wages (21.98%), interest payment (7.43%) and rent royalty and cess (1.76%) (Fig. 2.1). A comparison between the respective shares of each of these items during 2017-18 and 2016-17 depicts that the share of indirect taxes and duties, profit before tax, interest and salary and wages has increased whereas the share of rent, royalty and cess has decreased in 2017-18.

2.9 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. Financial year 2017-18 marked the beginning of reforms in indirect taxation structure with GST which subsumed majority of indirect taxes e.g. service tax, central excise, value added tax, etc. The total contribution of CPSEs to the Central Exchequer during the year 2017-18, has decreased from Rs 3,60,815 crore in 2016-17 to Rs 3,50,052 crore in 2017-18 showing a decrease of 2.98% (Fig. 2.3) against an increase of 30.81% in comparison to previous year 2016-17. It has been observed that central excise duty, dividend and other taxes and duties are decreased by 6.70%, 6.38% and 42.38% in 2017-18 respectively resulting in reduction in overall contribution to central exchequer.

Table 2.2: Contribution to Central Exchequer (Rs.in crore)				
Sr. No.	Particulars	2017-18	2016-17	2015-16
	As Lender			
1	Interest on Central Government Loans	391	477	7,483
	As Owner			
2	Dividend on Central Government Equity	42,312	45,196	42,027
	Taxes and Duties			
3	Central Sales Tax	1,182	4,743	3,663
4	Central Excise	177,843	190,622	139,602
5	Customs Duty	13,624	12,196	9,952
6	Corporate Tax (incl. Fringe Benefit Tax)	51,364	52,957	42,827
7	Dividend Tax	13,586	14,221	11,398
8	Other Taxes & Duties	17,521	30,409	11,869
9	Service Tax	2,527	9,992	7,019
10	Non-Tax Revenue	2,099	-	-
11	Goods and Service Tax (CGST+IGST)	27,604	-	-
	Total	350,052	360,815	275,840

Fig 2.3: Contribution to the Central Exchequer (in %)



2.10 Cognate Group-wise Analysis

Performance of CPSEs in the select cognate groups/sectors has been compared w.r.t. their counter parts in the private sector.

2.10.1 Mining and Exploration Sector

The natural resources such as coal, crude oil and other minerals & metals extracted and or explored from earth are finite and non-renewable. They constitute the vital raw materials for many basic industries and are a major resource for development. It is estimated that India is having 315.15 billion tons of Coal reserves, 44.70 billion tons of Lignite reserves as on 01.04.2017.

Operational Indicators

Table 2.3: Production details			
Particulars	Production		% change
	2016-17	2017-18*	
Coal (Million Tonne)	662.78	730.10	10.16
Crude Oil (MMT)	36.01	37.37	3.78
Natural Gas (BCM)	31.90	35.24	10.47
Other Minerals & Metals (excluding atomic & fuel minerals) (Rs. in crores)	100241.89	113541.03	13.27

Source: Ministry of mines & Ministry of Petroleum and Natural Gas and Ministry of coal

*estimated

Coal Production:

Table 2.4: Production details of Coal				
Particulars	Production (Million Tons)			
	2016-17	Share (%)	2 0 1 7 - 18*	Share (%)
Coal India Group	559.46	84.41	600.00	82.18
Singareni Collieries Company Limited	59.53	8.98	41.99	5.75
Captive Production	32.54	4.91	46.10	6.31
Others	11.25	1.70	22.00	3.01
Total	662.78	100.00	730.10	100.00

Source: Ministry of Coal

*estimated

Crude Oil Production:

Table 2.5: Production details of Crude Oil				
Particulars	Production (in MMT)			
	2016-17	Share (%)	2017-18 (up to Dec)	Share (%)
Public Sector (CPSEs)	25.59	71.06	25.49	94.65
Private Sector (incl. JVs)	10.42	28.94	1.44	5.35
Total	36.01	100.00	26.93	100.00

Source: Ministry of Petroleum and Natural Gas

Natural Gas Production:

Table 2.6: Production details of Natural Gas				
Particulars	Production (in BCM)			
	2016-17	Share (%)	2017-18 (up to Dec)	Share (%)
Public Sector (CPSEs)	25.04	78.50	26.35	80.41
Private Sector (incl. JVs)	6.86	21.50	6.42	19.59
Total	31.90	100.00	32.77	100.00

Source: Ministry of Petroleum and Natural Gas

Financial Indicators

The key financial indicators of some of the selected companies of Public & private sectors of the Mining and exploration sector for the last two financial years are tabulated below:

Performance of CPSEs

Public Sector (including CPSEs) is playing a limited role in Mining & Exploration sector. There are nine CPSEs in this group. The details of CPSEs falling under other minerals and metals Cognate group including their financial performance and other details are given in Volume-II of Public Enterprises Survey.

Table 2.7: Financial Indicators of selected CPSEs and Private Sector Undertakings						
Names of Companies	Net Profit Margin (%)		Return on Asset(%)		Long term Debt-Equity ratio	
	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
Public Sector						
National Aluminium Company Ltd.	7.9	13.54	4.61	9.19	0	0
Hindustan Copper Limited	4.63	4.56	2.47	2.77	0.14	0.10
NMDC Limited	26.59	31.36	10.07	13.30	0	0
Mahanadi Coalfields Ltd	27.4	29.95	15.75	17.39	0	0
Oil & Natural Gas Corporation Ltd.	20.92	21.47	7.24	6.85	0	0
Private Sector						
Vedanta Limited#	22.94	14.56	6.66	4.93	0.28	0.19
Hindalco Industries Limited#	3.85	3.24	1.80	1.74	0.39	0.35
Hindustan Zinc Limited#	39.09	38.22	16.06	21.61	0.00	0.00

Source: Annual report 2017-18 of respective companies

2.10.2 Steel Cognate Group

Steel is the most important, multi-functional and most adaptable of materials. India is currently the world's 3rd largest producer of crude steel. The steel sector contributes to over 2% of the country's GDP and employs around 25 lakhs employed in steel/allied sectors.

Operational Indicators

The following tables highlights the contribution of the public and private sector in crude steel production and finished steel production in the country during the last five years and April-December of 2017-18.

Table 2.8: Production details of Steel (in Million Tons)					
Particulars	2013 - 14	2014 - 15	2015 - 16	2016 - 17	Apr-Dec (2017 - 18) *
Public Sector	30.22	30.04	30.90	33.32	26.20
Private Sector	147.06	159.62	161.80	180.52	136.14
Total	177.28	189.66	192.70	213.84	162.34
% share of Public Sector	17.05	15.84	16.04	15.58	16.14

Source: Annual Report of Ministry of Steel

*provisional

From the above table it is apparent that the production has increased in both Private and Public sector due to liberalization of industrial policy and other initiatives taken by the Government which does impetus for entry, participation and growth of the private sector in the steel industry. While the existing units are being modernized/expanded, a large number of new steel plants have also come up in different parts of the country based on modern, cost effective, state-of-the-art technologies. In the last few years, the rapid and stable growth of the demand side has also prompted domestic entrepreneurs to set up fresh Greenfield projects in different states of the country.

Financial Indicators

The below table summarizes the comparative performance of select Public and Private Sector Companies for the Financial Year 2016-17 and 2017-18.

Table 2.9: Financial Indicators of selected CPSEs and Private Sector Undertakings						
Particulars	Net Profit Margin (%)		Return of Assets (%)		Long Term Debt/Equity Ratio	
	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
Public Sector						
Ferro Scrap Nigam Ltd.	7.23	2.37	7.02	2.24	0.00	0.00
Mishra Dhatu Nigam Ltd.	15.16	18.88	11.47	9.61	0.00	0.00
Rashtriya Ispat Nigam Ltd.	-9.96	-9.21	-4.38	-4.32	0.68	0.91
Steel Authority Of India Ltd.	-5.63	-0.81	-2.66	-0.42	0.53	0.83
Private Sector						
Tata Steel Limited#	6.42	6.80	3.09	3.33	0.48	0.39
JSW Steel Limited#	6.26	6.96	4.42	5.41	1.18	1.06

Source: Annual report 2017-18 of respective companies

Out of four CPSE, Steel Authority of India Limited and Rastriya Ispat Nigam Limited are incurring losses, though the quantum of loss has reduced substantially. The other two producers are profit making. Due to this reason the performance indicator came out with negative value. On the other hand JSW and TATA Steel have earned profit of Rs.4625 crores and 4170 crore respectively compared to Rs.13crore by Ferro Scrap Nigam Ltd. and Rs.198 crore by Mishra Dhatu Nigam Ltd.

Performance of CPSEs

Public Sector (including CPSEs) is playing a vital role in Steel sector. There are Four CPSEs in this group. The details of CPSEs falling under Steel Cognate group including their financial performance and other details are given in Volume-II of Public Enterprises Survey.

2.10.3 Petroleum (Refinery & Marketing)

The refining and marketing of petroleum products plays an important role in distribution of petroleum products to commercial and retail consumers through vast network Terminals / Depots. India, which is second largest refiner in Asia after China, is emerging as a refinery hub with refining capacity exceeding demand.

Operational Indicators

Refinery

The country's refining capacity has increased from a modest 62 Million Metric Tonnes Per Annum (MMTPA) in 1998 to 247.566 MMTPA at present, comprising of

23 refineries – 18 under Public Sector, 3 under private sector and 2 in Joint Venture (JV). Out of the total refining capacity of 247.566 MMT, 142.066 MMT is in the public sector, 17.3 MMT in joint venture and the balance 88.2 MMT is in the private sector.

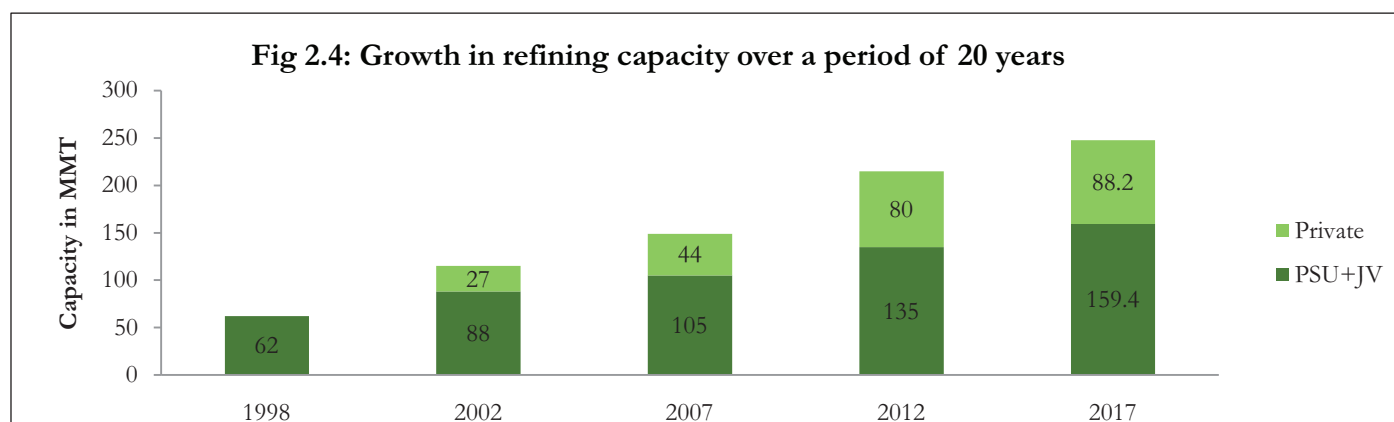
Marketing & Distribution

The retail marketing of petroleum products in India is done by the Public Sector Oil Marketing Companies (OMCs) i.e. Indian oil Corporation Ltd (IOCL), Hindustan Petroleum Corporation Ltd (HPCL), Bharat Petroleum Corporation Ltd (BPCL), Numaligarh Refinery Ltd (NRL), Mangalore Refinery & Petrochemicals Ltd (MRPL), Bharat Oman Refineries Ltd (BORL) and private companies like Reliance, Essar & Shell.

There are 285 OMC Terminal / Depots, 184 LPG Bottling plants, 55,702 OMC Retail Outlets, 19,375 LPG Distributorships, 6551 OMC SKO/LDO Dealers in the country as on 31.12.2017. The prices of sensitive petroleum products such as PDS SKO and Domestic Liquefied Petroleum Gas (LPG) are controlled by Government. All other products are deregulated and are subject to market forces.

Financial Indicators

The key financial indicators of some of the selected companies of Public & private sectors of the Petroleum (refinery & Marketing) sector for the last two financial years are tabulated below:



Source: Ministry of Petroleum and Natural Gas Annual Report, 2017-18

Table 2.10: Financial Indicators of selected CPSEs and Private Sector Undertakings

Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Long term Debt-Equity ratio	
	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
Public Sector						
Indian Oil Corporation Limited	4.25	4.19	7.37	7.60	0.25	0.2
Bharat Petroleum Corporation Limited	3.29	2.83	8.74	7.90	0.47	0.43
Hindustan Petroleum Corporation Limited	2.88	2.58	7.91	7.32	0.31	0.37
Mangalore Refinery and Petrochemicals Limited	6.09	3.51	13.80	8.48	0.48	0.14
Private Sector						
Reliance Petro Marketing Limited #	0.36	0.69	3.70	8.75	0	0

Source: Annual report 2017-18

Performance of CPSEs

Public Sector (including CPSEs) is playing a vital role in Petroleum (refinery & marketing) sector. There are six CPSEs in this group. The details of CPSEs falling under Petroleum (refinery & marketing) Cognate group including their financial performance and other details are given in Volume-II of Public Enterprises Survey.

2.10.4 Fertilizers

With the ever-growing population and limited availability of land, the soil fertility and the agricultural productivity need to be enhanced to meet the domestic requirements of food grains and also generating exportable surpluses. Fertilizers play a crucial role when it comes to increasing agricultural productivity and soil fertility.

Operational Indicators

There are 30 operating urea plants in the country manufacturing urea, 32 plants produces DAP and complex fertilizers and 105 units manufactures other fertilizers like SSP.

The installed capacity of different operating plants taking together is 480.27 lakhs Metric Tons (LMT) as on 01.04.2017. The actual production of these plants during 2016-17 was 414.41 LMT. Capacity utilization of different stakeholders is represented below.

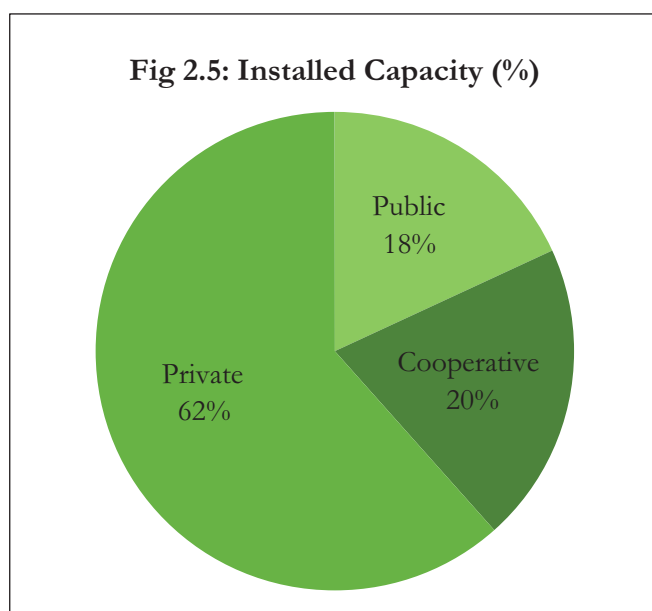
Table 2.11: Details of Installed Capacity and Actual Production

Particulars	Installed Capacity (as on 01.04.2017) (in LMT)	Actual production during 2016-17 (in LMT)	% utilization of installed capacity
Public Sector	86.98	84.66	97.33
Cooperative Sector	97.54	108.17	110.90
Private Sector	295.75	221.58	74.92%
Total	480.27	414.41	86.29%

Source: Annual Report (2017-18) of Department of Fertilizers

As seen in the above table, capacity utilization in Public Sector is 97.33% is significantly higher than private sector producers but lower than Co-operative sector. The average of all taking together is 86.29%. The share of different sectors in installed capacity as on 01.04.2017 is depicted below.

Fig 2.5: Installed Capacity (%)



Source: Annual Report 2017-18 of Department of Fertilizers

The estimated production of all the Fertilizers during the year 2017-18 is expected to be 462.20 LMT showing an increase of more than 11% in comparison with the previous year.

Financial Indicators

The key financial indicators of some of the selected companies of Public & Private Sectors of the fertilizer sector for the last two financial years are tabulated below:

Table 2.12: Financial Indicators of selected CPSEs and Private Sector Undertakings						
Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Long Term Debt/Equity ratio	
	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
Public Sector						
National Fertilizers Ltd	2.71	2.36	2.04	2.21	0.09	0.06
Rashtriya Chemicals and Fertilisers Ltd	2.46	1.07	2.74	1.23	0.04	0.11
Madras Fertilizers	0.25	-2.69	0.29	-2.83	*	*
Private Sector						
Coromandel International Ltd.#	4.66	5.97	5.57	6.75	0.00	0.00
Zuari Agro Chemicals Ltd#	-1.45	0.89	-1.28	0.82	0.59	0.47
Co-operative						
IFFCO#	3.03	3.99	3.01	3.10	0.19	0.07

*Long Term Debt-Equity ratio is not calculated as the equity value is negative

Source: Annual report 2017-18 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a limited role in production of fertilizers with a share of 18.11% in installed capacity and 20.43% in actual production in 2016-17. There are seven CPSEs in the Fertilizer group. The details of CPSEs falling under Fertilizers Cognate group including their financial performance and other details are given in Volume-II of Public Enterprises Survey.

2.10.5 Power Generation

Power is one of the most critical components of infrastructure crucial for the economic growth and welfare of nations. India's power sector is one of the most diversified in the world. Sources of power generation range from conventional sources such as coal, lignite, natural gas, oil, hydro and nuclear power to viable non-conventional sources such as wind, solar, and agricultural and domestic waste.

Operational Indicators

Indian power sector is undergoing a significant change that has redefined the industry outlook. Sustained economic growth continues to drive electricity demand in India. The Government of India's focus on attaining 'Power for all' has accelerated capacity addition in the country. At the same time, the competitive intensity is increasing at both the market and supply sides (fuel,

logistics, finances, and manpower).

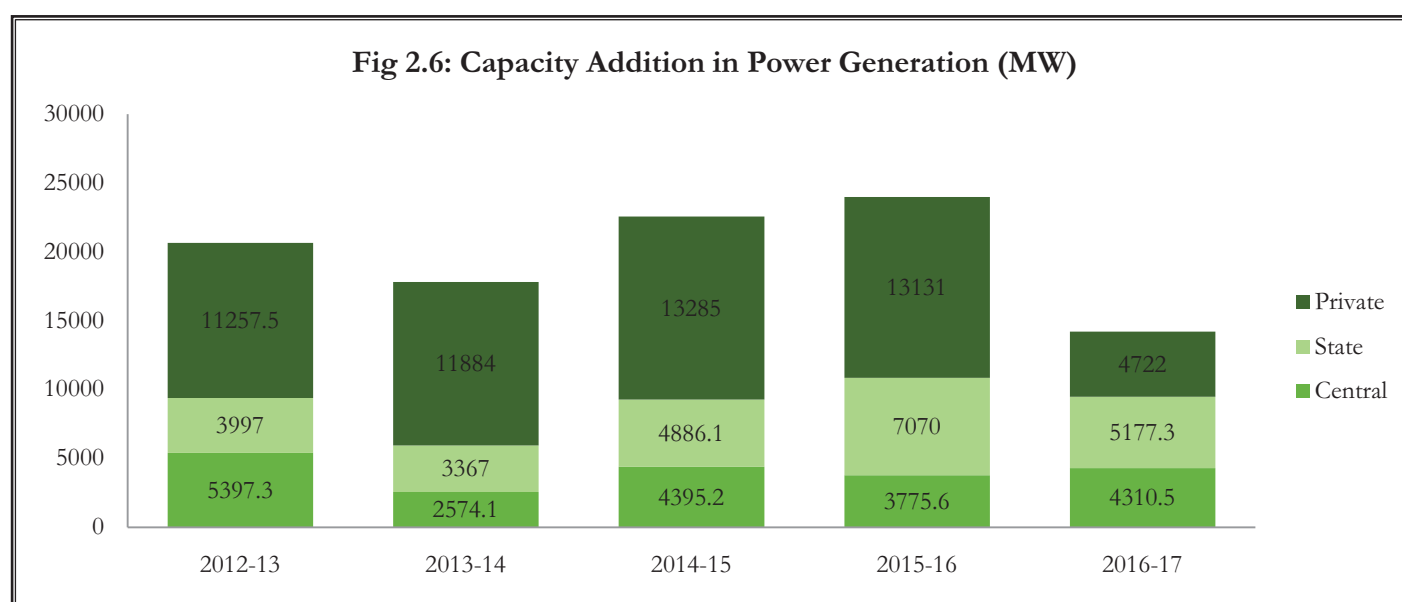
As on 31.10.2018, the Installed capacity of Power Generation stood at 346.05 GW. The distribution of installed capacity among various sectors is given below.

Sl. No.	Sector	Installed capacity as on 31.10.2018 (GW)	% share
1	State	83.92	24.3
2	Central	103.03	29.8
3	Private	159.10	45.0
	Total	346.05	100.00

During the year 2016-17 there was an addition of generation capacity of 14.21 GW. The graph below depicts the capacity addition during the recent years and the breakup of it among different sectors.

Financial Indicators

The key financial indicators of some of the selected companies of Public & private sectors of the Power Generation sector for the last two financial years are tabulated below:



Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Long Term Debt/Equity Ratio	
	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
Public Sector						
NTPC Ltd.	11.83	12.14	3.97	3.98	1.01	1.07
Nuclear Power Corp. of India Ltd.	24.57	28.86	3.93	4.93	0.78	0.92
NHPC Ltd.	5.34	5.16	32.03	32.74	0.64	0.59
Private Sector						
Adani Power Limited#	-52.18	-0.28	-14.50	-0.12	3.69	0.24
Tata Power Company Limited#	5.02	-37.21	0.97	-8.63	0.49	0.56

Source: Annual report 2017-18 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a vital role in Power Generation sector. There are nine CPSEs in this group. The details of CPSEs falling under Power Generation Cognate group including their financial performance and other details are given in Volume-II of Public Enterprises Survey.

2.10.6 Telecommunication and Information Technology

The Telecom Sector in India has witnessed all round growth over the last few years. Along with strong consumer demand, the liberal and reformist policies of the Government of India have been instrumental in the rapid growth of the sector.

Operational Indicators

India is currently the world's second largest telecommunications market with a subscriber base of 1.18 billion. India's mobile economy is growing rapidly and currently constitutes more than 98% of all telephone subscriptions. The mobile industry is expected to create a total economic value of Rs. 14

trillion by the year 2020. Tele-density (number of telephones per 100 populations) in India was 91.64% at the end of November 2017.

Table 2.15: Details of Telephone connection

S. No.	Sector	31.03.2017 (Millions)	% share	30.11.2017 (Millions)	% share
1	Public	122.61	10.26	127.37	10.74
2	Private	1072.38	89.74	1058.85	89.26
	Total	1194.99	100.00	1186.22	100.00

The private sector now firmly dominates the telecom sector with a share of 89.26 of total telephone connections. However during the period between March and November 2017, Telephone connections of Public Sector increased by 4.76 million while of Private Sector is reduced by 13.53 million.

Financial Indicators

The key financial indicators of some of the selected companies of Public & private sectors of the Telecom sector for the last two financial years are tabulated below:

Table 2.16: Financial Indicators of selected CPSEs and Private Sector Undertakings

Names of Companies	Net Profit Margin (%)		Return on Assets (%)		Long Term Debt Equity Ratio	
	2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
Public Sector						
MTNL	-82.79	-95.40	-16.65	-18.30	*	*
BSNL	-15.20	-31.88	-3.66	-6.02	0.12	0.11
RailTel Corp. Ltd.	14.08	15.24	5.50	6.92	0	0
Private Sector						
Bharti Airtel Limited#	-15.89	0.15	-5.18	0.04	0.50	0.53
Reliance Jio Infocomm Limited#	-3100@	3.59	-0.02	0.28	0.54	0.34

* Debt equity ratio is not calculated as the value of equity is negative.

@ Ratio is high since the company is yet to commence its business

Source: Annual report 2017-18 of respective companies

Performance of CPSEs

Public Sector (including CPSEs) is playing a limited role in Telecom sector with 10.74% share in total market coverage in 2017-18. There are eight CPSEs in this group.

The details of CPSEs falling under Telecommunication & Information technology Cognate group including their financial performance and other details are given in Volume-II of Public Enterprises Survey.





3

Financial Information

3.1 Ind AS implementation in CPSEs

As per provisions of Companies Act 2013, Ind AS (Indian Accounting Standards) will be mandatorily applicable to the following companies for periods beginning on or after 1 April 2016, with comparatives for the period ending 31st March 2016 or thereafter:

Ist Phase Implementation of Ind AS from 01.04.2016

- Companies whose equity and/or debt securities are listed or are in the process of listing on any stock exchange in India or outside India and having net worth of 500 crore INR or more.
- Companies having net worth of 500 crore INR or more other than those covered above.
- Holding, Subsidiary, Joint Venture or Associate of companies covered above

2nd Phase Implementation of Ind AS from 01.04.2017

- Listed company or Companies in the process of listing
- Unlisted Companies having net worth greater than or equal to Rs. 250 crore but less than Rs. 500 crore.
- Holding, Subsidiary, Joint Venture or Associate of companies covered above

As per the above criteria, 140 operating CPSEs have complied with Ind AS from FY 2016-17 and 31 more operating CPSEs have complied with Ind AS from FY 2017-18 and the remaining operating CPSEs (86) have continued to comply with the existing accounting standards.

Schedule III of the Companies Act, 2013 became applicable to all companies for the preparation of financial statements for the financial years beginning on or from 1 April 2014. Schedule III provides general instructions for preparation of the balance sheet and the statement of profit and loss of a company.

On 6th April 2016, Ministry of Corporate Affairs (MCA) amended Schedule III to include general instructions for preparation of financial statements of a company whose financial statements are required to comply with Indian Accounting Standards (Ind AS).

The amendment divides Schedule III into two parts i.e. Division I and II:

- Division I is applicable to a company whose financial statements are required to comply with the current accounting standards.
- Division II is applicable to a company whose financial statements are drawn up in compliance with Ind AS (Ind AS Schedule III).

In compliance with the above requirements, Ind AS applicable CPSEs have presented their financial statements in Division II of Schedule III of Companies Act, while remaining CPSEs have presented their financial statements in Division I of Schedule III of Companies Act.

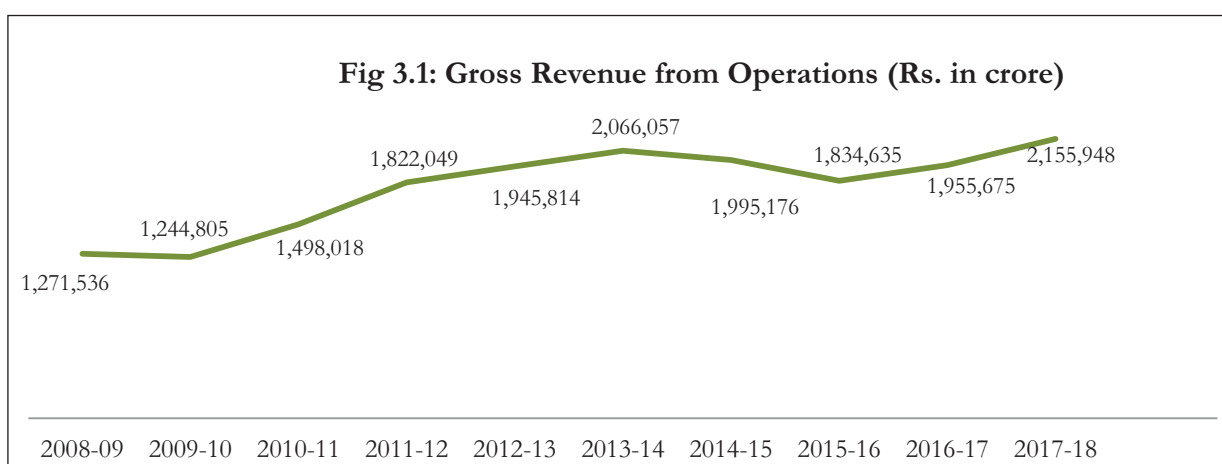
To ensure comparability and analysis of data, the aggregate Balance Sheets and Statements of Profit and Loss (for Cognate Groups, Sectors and all CPSEs)

have been compiled in the PE Survey and presented in the format given in Division I of Schedule III of Companies Act 2013. To capture the data, separate input data sheet has been used for Ind AS and existing AS applicable CPSEs and the data for preparation of aggregate Balance Sheet and Statement of Profit and Loss has been captured from both the Data Sheets.

The presentation of financial information specific to Ind-AS applicable CPSEs in Volume – II of Public Enterprise Survey 2017-18 is made as per Division II of Schedule III of Companies Act, 2013.

IND-AS applicable CPSEs have restated their financial statements for previous year also as per IND-AS. Hence in respect of CPSEs for whom IND-AS became applicable w.e.f 01.04.2017, PE Survey 2017-18 covers the restated figures for FY 2016-17.

It is pertinent to mention that three CPSEs namely



Airport Authority of India, Central Warehousing Corporation, and Food Corporation of India have been incorporated through special Act of Parliament and hence IND-AS is not applicable on these CPSEs.

3.2 Gross Revenue from Operations

The Gross revenue from Operations of operating CPSEs has increased from Rs. 19,55,675 crore in 2016-17 to Rs. 21,55,948 crore in 2017-18 showing an increase

of 10.24% against an increase of 6.60% in 2016-17. The movement of Gross Revenue from Operations over the last ten years can be seen in Fig 3.1. The Gross Revenue from Operations of all operating CPSEs has shown increasing trend since 2008-09 except in FY 2009-10, 2014-15 and 2015-16.

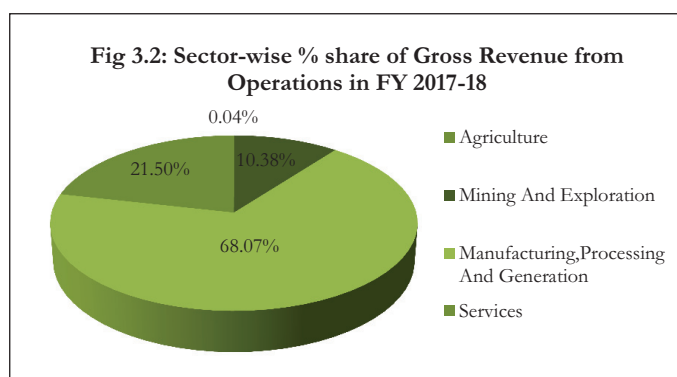
3.2.1 Sector-wise Gross Revenue from Operations of Operating CPSEs:

As seen in Table 3.1, largest increase in Gross Revenue from Operations in FY 2017-18 is observed in the Manufacturing, Processing & Generation sector

(12.04%), followed by Mining & Exploration sector (9.27%) and Services sector (5.44%). The Agriculture sector recorded a negative growth of 23.62% in FY 2017-18 against 34.95% positive growth in previous year.

Table 3.1: Sector-wise Gross Revenue from Operations					
Sector	Gross Revenue from Operations (Rs. in crore)			% change over previous year	
	2017-18	2016-17	2015-16	2017-18	2016-17
Agriculture	953.05	1247.84	924.69	-23.62	34.95
Mining & Exploration	223815.76	204837.43	198830.17	9.27	3.02
Manufacturing, Processing & Generation	1467657.68	1309988.76	1187406.88	12.04	10.32
Services	463521.01	439601.31	447472.99	5.44	-1.76
Total	2155947.50	1955675.34	1834634.73	10.24	6.60

As seen in Fig 3.2, maximum share of Gross Revenue from Operations has come from Manufacturing, Processing & Generation (68.08%), followed by Services (21.50%), Mining & Exploration (10.38%) and Agriculture (0.04%).



3.2.2 Cognate Group-wise Gross Revenue from Operations

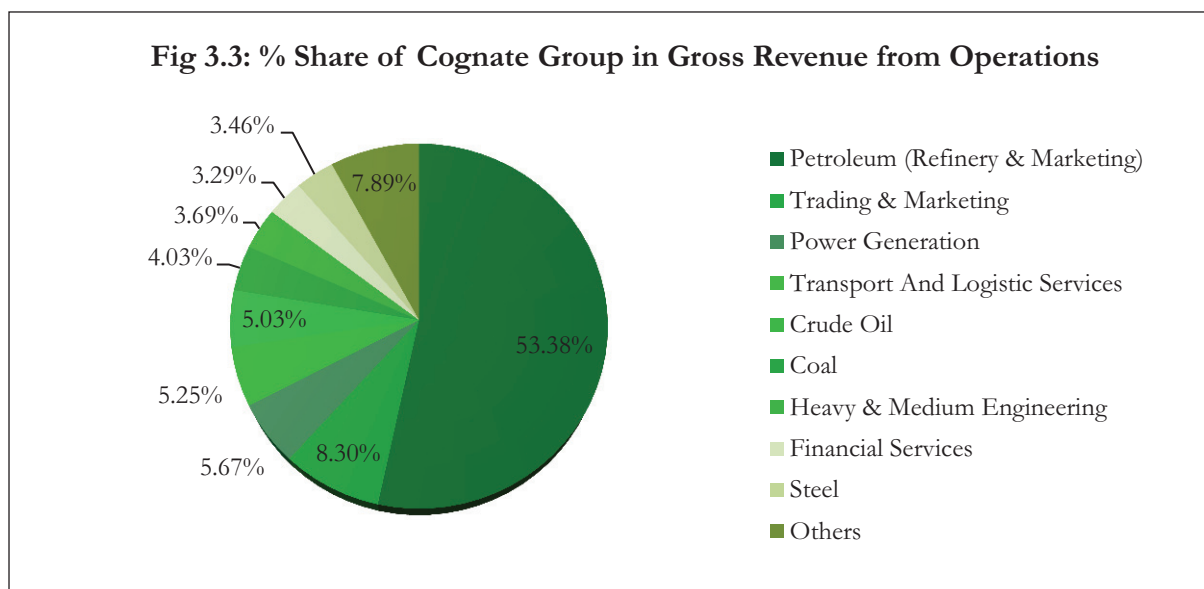
There were considerable variations within the cognate groups as well as among them. The Cognate Group-wise Gross Revenue from Operations with increase or decrease in percentage can be seen in Table 3.2 given below.

Table 3.2: Cognate Group-wise Gross Revenue from Operations of CPSEs						
S. No.	Sector / Cognate Group	Gross Revenue from Operations (Rs. in crore)			% change over previous year	
		2017-18	2016-17	2015-16	2017-18	2016-17
	AGRICULTURE					
1	Agro Based Industries	953.05	1247.84	924.69	-23.62	34.95
	Sub Total :	953.05	1247.84	924.69	-23.62	34.95
	MINING AND EXPLORATION					
2	Coal	86940.55	83808.13	83560.98	3.74	0.30
3	Crude Oil	108544.85	99104.14	98151.11	9.53	0.97
4	Other Minerals & Metals	28330.36	21925.16	17118.08	29.21	28.08
	Sub Total :	223815.76	204837.43	198830.17	9.27	3.02
	MANUFACTURING, PROCESSING AND GENERATION					
5	Steel	74555.23	63306.13	55133.82	17.77	14.82

6	Petroleum (Refinery & Marketing)	1150870.26	1015344.47	920242.19	13.35	10.33
7	Fertilizers	20174.19	18592.83	19617.82	8.51	-5.22
8	Chemicals & Pharmaceuticals	8778.62	7480.53	5491.26	17.35	36.23
9	Heavy & Medium Engineering	79456.25	77506.95	71246.84	2.52	8.79
10	Transportation Vehicle & Equipment	3305.42	2834.66	3284.33	16.61	-13.69
11	Industrial And Consumer Goods	7142.68	8873.63	7624.95	-19.51	16.38
12	Textiles	1071.14	1173.37	1173.23	-8.71	0.01
13	Power Generation	122303.89	114876.19	103592.44	6.47	10.89
	Sub Total :	1467657.68	1309988.76	1187406.88	12.04	10.32
	SERVICES					
14	Power Transmission	30356.04	26028.53	20855.68	16.63	24.80
15	Trading & Marketing	179048.75	169958.90	189674.60	5.35	-10.39
16	Transport And Logistic Services	113099.65	103131.40	102151.51	9.67	0.96
17	Contract & Construction And Tech. Consultancy Services	39661.95	34831.77	30150.11	13.87	15.53
18	Hotel And Tourist Services	1875.99	1929.46	1887.42	-2.77	2.23
19	Financial Services	70953.69	69197.67	68493.71	2.54	1.03
20	Telecommunication & Information Technology	28524.94	34523.58	34259.96	-17.38	0.77
	Sub Total :	463521.01	439601.31	447472.99	5.44	-1.76
	Grand Total :	2155947.5	1955675.34	1834634.73	10.24	6.60

As shown in the Table 3.2, the maximum percentage increase in Gross Revenue from Operations in the FY 2017-18 is recorded by Other Minerals & Metals cognate group (29.21%), followed by Steel (17.77%)

and Chemicals & Pharmaceuticals (17.35%), Power Transmission (16.63%) and Transportation Vehicle & Equipment (16.61%) cognate groups. The reduction in Gross Revenue from Operations in FY 2017-18 is



recorded in Agro Based Industries (23.62%), Industrial and Consumer Goods (19.51%), Telecommunication & Information Technology (17.38%), Textiles (8.71%) and Hotel & Tourist Services (2.77%) cognate groups.

As seen in Fig 3.3 top five contributing cognate groups are Petroleum (Refinery & Marketing) with 53.38% share followed by Trading & Marketing (8.30%), Power Generation (5.67%), Transport and Logistic Services (5.25%) and Crude Oil (5.03%). The top five cognate groups contribute 77.64% of total gross revenue from operations of all operating CPSEs. As earlier years, single cognate group namely Petroleum (Refinery &

Marketing) has contributed more than 50% of total Gross Revenue from Operations of operating CPSEs.

3.3 Aggregate Profit and Loss of operating CPSEs

Aggregate net profit reported by all 257 operating CPSEs is Rs 1,28,373.90 crore in FY 2017-18 as against Rs 1,25,498.12 crore in the FY 2016-17, showing an increase of 2.29% in 2017-18 as against an increase of 9.86% in 2016-17.

Detailed Statement of Profit and Loss of all Operating CPSEs with increase or decrease over previous year can be seen table 3.3.

Table 3.3 : Aggregate Statement of Profit and Loss of Operating CPSEs			
Particulars	(Rs. in crore)		
	2017-18	2016-17	% inc./dec.
(I) Revenue from Operations (Gross)			
i. Sale of Products	1952095.18	1765940.27	10.54
ii. Sale of Services	157040.08	144546.38	8.64
iii. Other Operating Income	46812.24	45188.69	3.59
Total (i+ii+iii)	2155947.50	1955675.34	10.24
Less : Excise Duty	181121.57	200085.49	-9.48
Revenue from Operations (Net)	1974825.93	1755589.85	12.49
(II) Other Income	58719.30	66380.88	-11.54
(III) Total Revenue (I+II)	2033545.23	1821970.73	11.61
(IV) Expenditure on:			
(a) Cost of materials consumed	522846.42	453580.13	15.27
(b) Purchase of stock-in-trade	621127.81	559985.17	10.92
(c) Changes in inventories of finished goods, work-in-progress and stock in trade	-5944.81	-30926.51	-80.78
(d) Stores & Spares	9794.16	10062.68	-2.67
(e) Power & Fuel	92290.04	86518.31	6.67
(f) Salary, Wages & Benefits/Employees Expense	157605.10	140949.67	11.82
(g) Other Operating/direct/manufacturing Expenses	196220.28	178196.58	10.11
(h) Rent, Royalty & Cess	12626.19	33117.64	-61.87
(i) Loss on sale of Assets/Investments	705.23	457.51	54.15
(j) Other Expenses	108762.33	91001.37	19.52
Total Expenditure (IV (a to j))	1716032.75	1522942.55	12.68
(V) Profit before Depreciation & Impairment, Finance Charges/Interest, Exceptional & Extra-ordinary items and Taxes (PBDIEET)(III-IV)	317512.48	299028.18	6.18
(VI) Depreciation, Depletion & Amortization	81864.39	73738.72	11.02
(VII) Impairment	-22.29	276.98	-108.05
(VIII) Profit before Finance Cost/Interest, Exceptional & Extra-ordinary items and Taxes (PBIEET)(V-VI-VII)	235670.38	225012.48	4.74

(IX) Finance Cost			
(a) On Central Government Loans	1748.88	1728.13	1.20
(b) On Foreign Loans	5750.49	5884.24	-2.27
(c) Others	56003.03	50026.06	11.95
(d) Less Finance Cost Capitalized	10200.12	10409.82	-2.01
(e) Charged to P & L Account (a+b+c -d)	53302.28	47228.61	12.86
(X) Profit before Exceptional & Extra-ordinary items and Taxes (PBEET) (VIII-IXe)	182368.10	177783.87	2.58
(XI) Exceptional Items	-4356.59	-888.79	390.17
(XIII) Extra-Ordinary Items	-933.83	-33.92	2653.04
(XIV) Profit before Tax (PBT)(XII-XIII)	187658.52	178706.58	5.01
(XV) Tax Provisions	59661.16	53183.33	12.18
(XVI) Net Profit / Loss for the period from Continuing Operations after Tax (XIV-XV)	127997.36	125523.25	1.97
(XVII) Profit/Loss from discontinuing operations	452.93	46.09	882.71
(XVIII) Tax expenses of discontinuing operations	76.39	71.22	7.26
(XIX) Profit/Loss from discontinuing operations (after Tax)(XVII-XVIII)	376.54	-25.13	-1598.37
(XX) Profit/Loss for the period (XVI+XIX)	128373.90	125498.12	2.29

The net profit of profit making CPSEs has registered growth of 4.35% in 2017-18, which has increased to Rs. 1,59,635 crore in 2017-18 from Rs. 1,52,978 crore in 2016-17. The loss of loss incurring CPSEs, on the other hand, was Rs. 31,261 crore in 2017-18 as compared to Rs. 27,480 crore in 2016-17. A total of 71 CPSEs reported losses in 2017-18 as against 81 CPSEs in 2016-17. 184 CPSEs earned profit in 2017-18 as against 175 CPSEs in 2016-17. Two CPSEs namely Food Corporation of India and NTPC Electric Supply Co. Ltd neither earned profit nor incurred loss during the year. FCI neither earned profit nor incurred loss because the excess of expenditure over revenue is reimbursed to FCI as food subsidy by the Government of India whereas in case of NTPC Electric Supply Co. Ltd, it has transferred all its

business operations to the NTPC Ltd due to which the company neither earned any revenue nor incurred any expenditure during 2017-18.

3.3.1 Sector and Cognate Group-wise Profit and Loss of CPSEs

The maximum contribution to overall net profit/loss of operating CPSEs has come from Manufacturing, Processing & Generation Sector (51.67%), followed by Mining & Exploration (35.00%), Services (13.41%). The contribution of Agriculture sector is negative (-0.08%).

The Sector and Group-wise overall net profit/loss with increase or decrease in percentage can be seen in Table 3.4 given below.

S. No.	Sector / Cognate Group	Net Profit(+)/ Loss(-) (Rs. in crore)			% change over previous year	
		2017-18	2016-17	2015-16	2017-18	2016-17
	AGRICULTURE					
1	Agro-based Industries	-102.58	-28.62	-68.71	-258.42	58.35
	Sub - Total	-102.58	-28.62	-68.71	-258.42	58.35
	MINING & EXPLORATION					
2	Coal	15820.85	23597.70	30361.04	-32.96	-22.28
3	Crude Oil	23431.97	19984.50	14696.73	17.25	35.98
4	Other Minerals & Metals	5684.97	3875.46	3650.47	46.69	6.16

	Sub - Total	44937.79	47457.66	48708.24	-5.31	-2.57
	MANUFACTURING, PROCESSING & GENERATION					
5	Steel	-1711.39	-3946.34	-5466.19	56.63	27.80
6	Petroleum (Refinery & Marketing)	40804.22	40128.51	25123.38	1.68	59.73
7	Fertilizers	253.15	167.53	9106.82	51.11	-98.16
8	Chemicals & Pharmaceuticals	-707.1	-1361.25	-1357.73	48.06	-0.26
9	Heavy & Medium Engineering	9305.82	8692.61	2990.40	7.05	190.68
10	Transportation Vehicle & Equipment	129.44	84.45	63.66	53.27	32.66
11	Industrial & Consumer Goods	-2732.73	-2684.26	-2529.28	-1.81	-6.13
12	Textiles	-412.02	868.08	-89.57	-147.46	-1069
13	Power Generation	21398.74	20573.03	19084.73	4.01	7.80
	Sub - Total	66328.13	62522.36	46926.22	6.09	33.24
	SERVICES					
14	Power Transmission	8351.1	7555.13	6017.57	10.54	25.55
15	Trading & Marketing	-77.42	-156.31	-996.77	50.47	84.32
16	Transport And Logistic Services	3700.44	1905.67	3217.09	94.18	-40.76
17	Contract & Construction And Tech. Consultancy Services	2884.62	2412.86	2252.21	19.55	7.13
18	Hotel And Tourist Services	185.07	164.17	156.34	12.73	5.01
19	Financial Services	12894.44	11112.95	14618.02	16.03	-23.98
20	Telecommunication & Information Technology	-10727.69	-7447.75	-6591.26	-44.04	-12.99
	Sub - Total	17210.56	15546.72	18673.20	10.70	-16.74
	Grand Total	128373.90	125498.12	114239	2.29	9.86

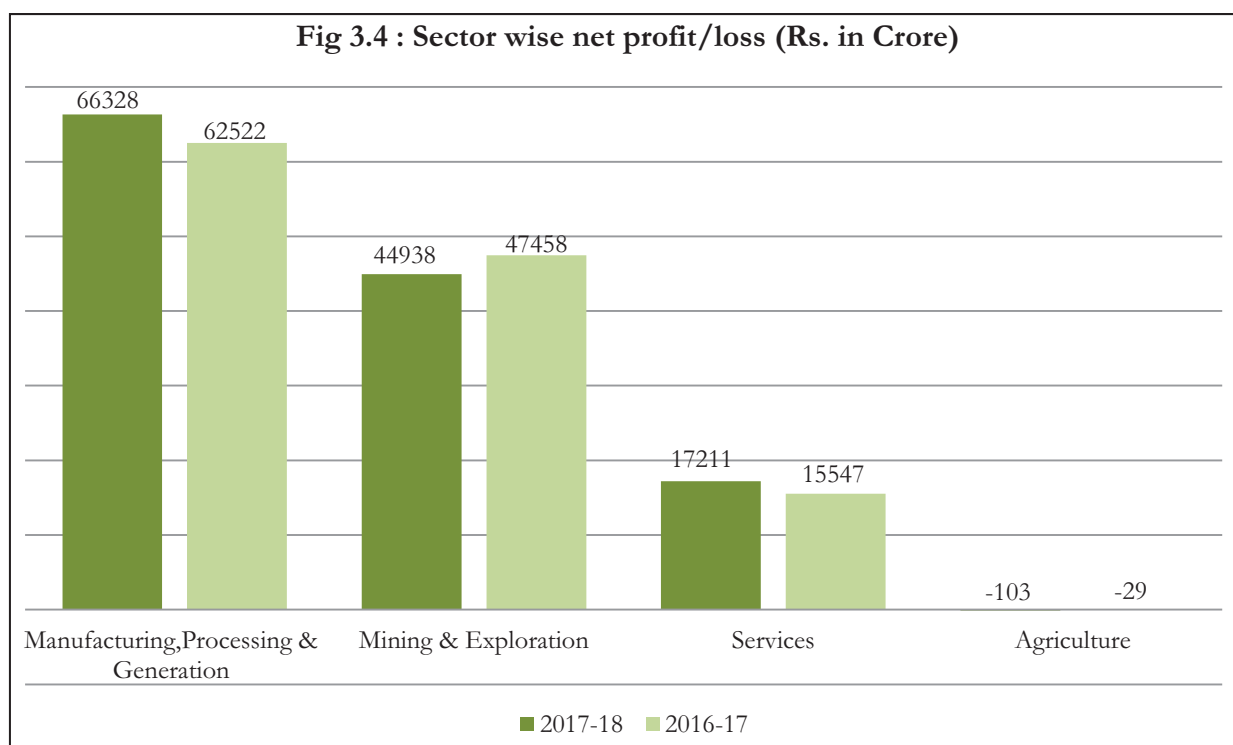
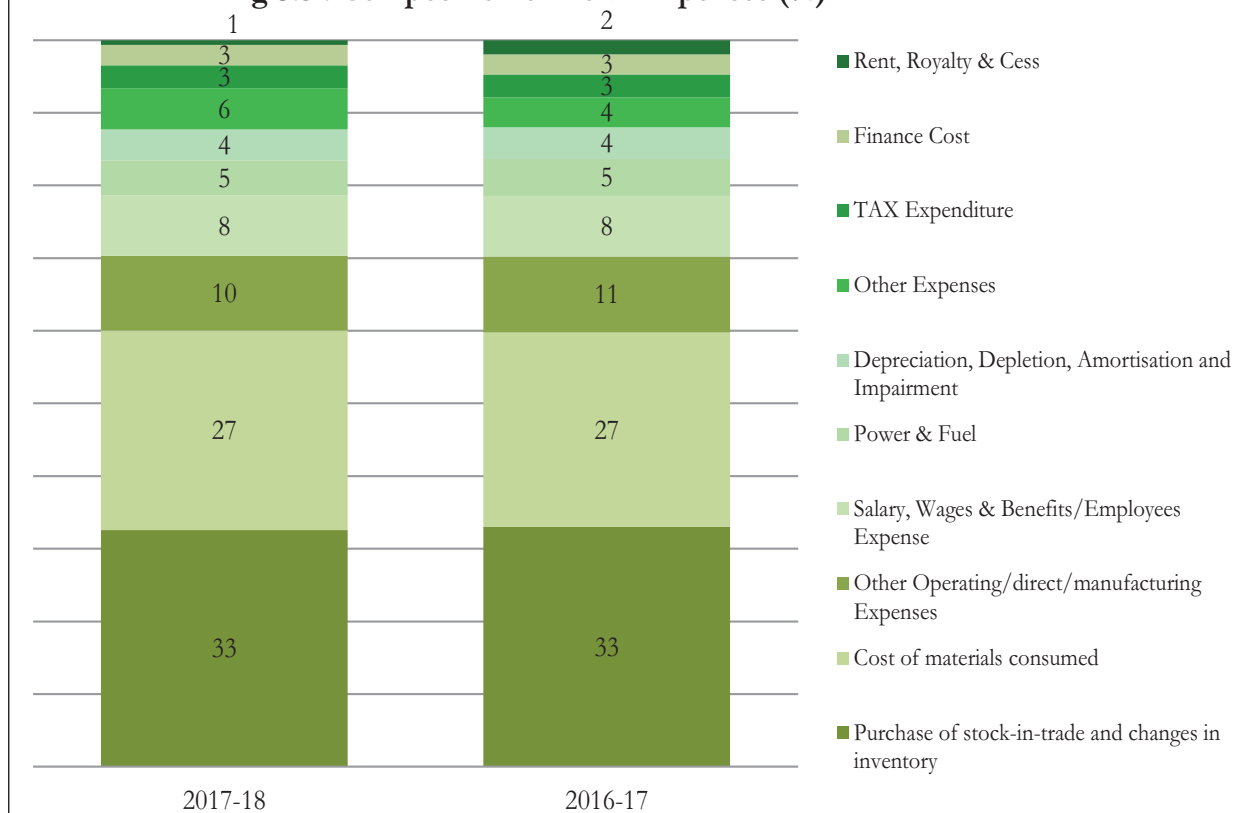


Fig 3.5 : Composition of Total Expenses (%)



As observed in the Fig 3.4, amongst the sectors, only Service Sector (10.70%) and Manufacturing, Processing & Generation sector (6.09%) has registered increase in net profit for the FY 2017-18, while Mining & Exploration has registered decrease in Net Profit by 5.31% (Table 3.4). The net loss of Agriculture sector has increased by 258.42%. (Fig 3.4)

3.3.2 Composition of Total Expenses:

The total expenses excluding Excise duty and expenditure on discontinued operations, recorded by operating CPSEs for FY 2017-18 is Rs.19,05,548 crore against Rs.16,96,447 crore in FY 2016-17 showing an increase of 12.33%.

As seen in Fig 3.5 major expenditure heads incurred by CPSEs in FY 2017-18 are purchase of stock in trade and changes in inventory (33%), followed by cost of materials consumed (27%), Other Operating Expenses (10%), Salaries, Wages & Benefits/Employees Expenses (8%), Power & Fuel (5%), Depreciation, Depletion, Amortization and Impairment (4%). Finance cost and Tax expenditure share 3% each.

3.4 Macro View of Performance of operating CPSEs

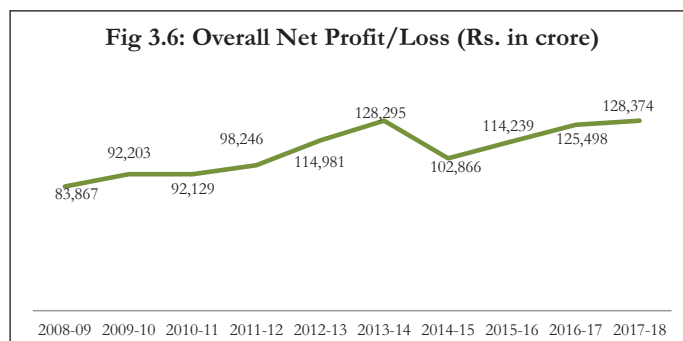
Box 3.1: Macro View of Performance of operating CPSEs (Rs. in crore)

Particulars	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
No. of Operating CPSEs	213	217	220	225	230	234	236	244	257	257
Capital Employed	7,92,232	9,08,007	11,53,833	13,37,821	15,08,177	17,10,453	18,33,274	20,37,318	21,38,069	22,73,969
Total Gross Turnover	12,71,536	12,44,805	14,98,018	18,22,049	19,45,814	20,66,057	19,95,176	18,34,635	19,55,675	21,55,948
Total Net Income/Revenue	13,09,639	12,72,219	14,70,569	18,04,614	19,31,186	20,56,336	19,65,638	17,64,113	18,21,971	20,33,545

Net worth	5,83,144	6,52,993	7,09,498	7,76,162	8,50,921	9,26,663	9,62,518	10,79,953	10,66,885	11,08,595
Profit before dep., Impairment, Int, Exc., Items & Taxes (PBDIEET)	1,86,836	2,11,184	2,16,602	2,50,654	2,55,936	2,89,361	2,70,400	2,75,457	2,99,028	3,17,512
Depreciation, Depletion & Amortization	44,441	51,168	57,118	63,591	66,109	69,817	77,500	67,764	73,739	81,864
DRE/Impairment	7,661	9,565	187	154	436	851	554	347	277	(22)
Profit before Int, Exc. Items, Ex.Or. Items & Taxes(PBIEET)	1,42,395	1,60,017	1,59,298	1,86,910	1,89,390	2,18,693	1,92,346	2,07,346	2,25,012	2,35,670
Interest	39,300	36,060	26,521	36,152	38,184	51,638	44,942	51,449	47,229	53,302
Profit before Exc. Items, Ex.Or. Items & Taxes(PBEET)	1,03,095	1,23,957	1,32,777	1,50,758	1,51,207	1,67,055	1,47,412	1,55,897	1,77,784	1,82,368
Exceptional Items	-	-	(1,479)	3,957	(13,525)	(14,618)	(1,335)	7,766	(889)	(4,357)
Profit before Ex.Or. Items & Taxes(PBET)	1,15,011	1,23,942	1,34,256	1,46,802	1,64,732	1,81,673	1,48,747	1,48,131	1,78,673	1,86,725
Extra-Ordinary Items	(2,684)	(8,280)	(2,695)	(428)	(1,276)	(1,550)	(1,394)	(9,553)	(34)	(934)
Profit before Taxes(PBT)	1,17,695	1,32,222	1,36,951	1,47,230	1,66,008	1,83,223	1,50,141	1,57,684	1,78,707	1,87,659
Tax Provisions	33,828	40,018	44,871	48,985	51,025	55,178	47,230	43,653	53,183	59,661
Net Profit/Loss after Tax from Continuing Operations	83,867	92,203	92,079	98,245	1,14,982	1,28,045	1,02,911	1,14,031	1,25,523	1,27,997
Net Profit/Loss after Tax from Discontinuing Operations	-	-	49	1	(1)	250	(45)	208	(25)	377
Overall Net Profit/Loss	83,867	92,203	92,129	98,246	1,14,981	1,28,295	1,02,866	1,14,239	1,25,498	1,28,374
Profit of Profit-making CPSEs	98,488	1,08,434	1,13,944	1,25,929	1,43,543	1,49,636	1,30,364	1,44,991	1,52,978	1,59,635
Loss of Loss-making CPSEs	(14,621)	(16,231)	(21,816)	(27,683)	(28,562)	(21,341)	(27,498)	(30,756)	(27,480)	(31,261)
Profit -making CPSEs (No.)	158	157	158	161	151	164	159	164	175	184
Loss -making CPSEs (No.)	55	60	62	64	78	70	76	79	81	71
CPSEs making no Profit/Loss (No.)	-	-	-	-	1	-	1	1	1	2
Dividend	25,501	33,223	35,700	42,627	49,703	65,115	56,527	68,583	78,129	76,578
Dividend Tax	4,132	5,151	5,372	5,877	6,704	8,709	8,642	10,598	14,419	12,935

3.4.1 Overall Net Profit/Loss:

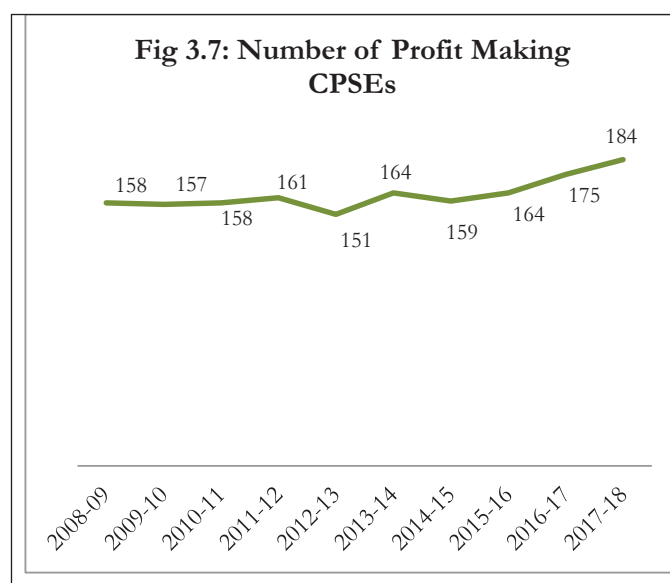
As seen in Fig 3.6 the overall net profit of operating CPSEs has shown broadly increasing trend over the years except in FY 2014-15. The net profit of operating CPSEs has increased from Rs. 83,867 crore in FY 2008-09 to Rs. 1,28,374 crore in FY 2017-18.



3.4.2 Profit Making CPSEs

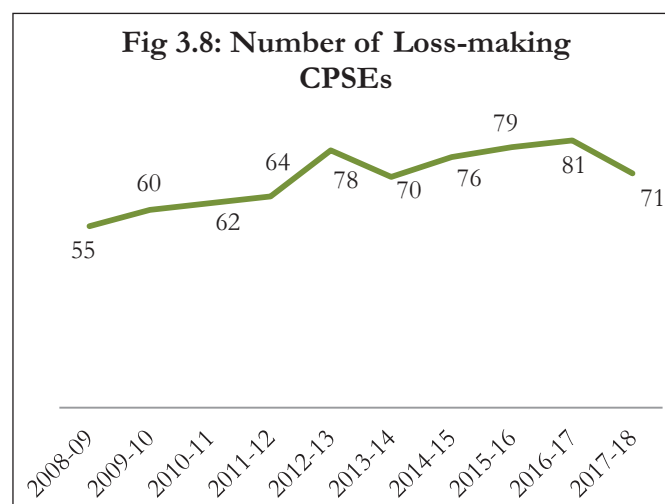
The profit of profit making CPSEs stands at Rs.1,59,635 crore in FY 2017-18 as compared to Rs. 1,52,978 crore in FY 16-17 showing an increase of 4.35%. As seen in Fig 3.7, the number of profit making CPSEs has steadily increased from FY 2014-15. The number of profit making CPSEs stood at 184 in FY 2017-18 vis-a-vis 175 in FY 2016-17.

Fig 3.7: Number of Profit Making CPSEs



CPSEs has shown broadly increasing trend except in FY 2017-18 and FY 2013-14 (Fig 3.8).

Fig 3.8: Number of Loss-making CPSEs



3.4.3 Loss Making CPSEs

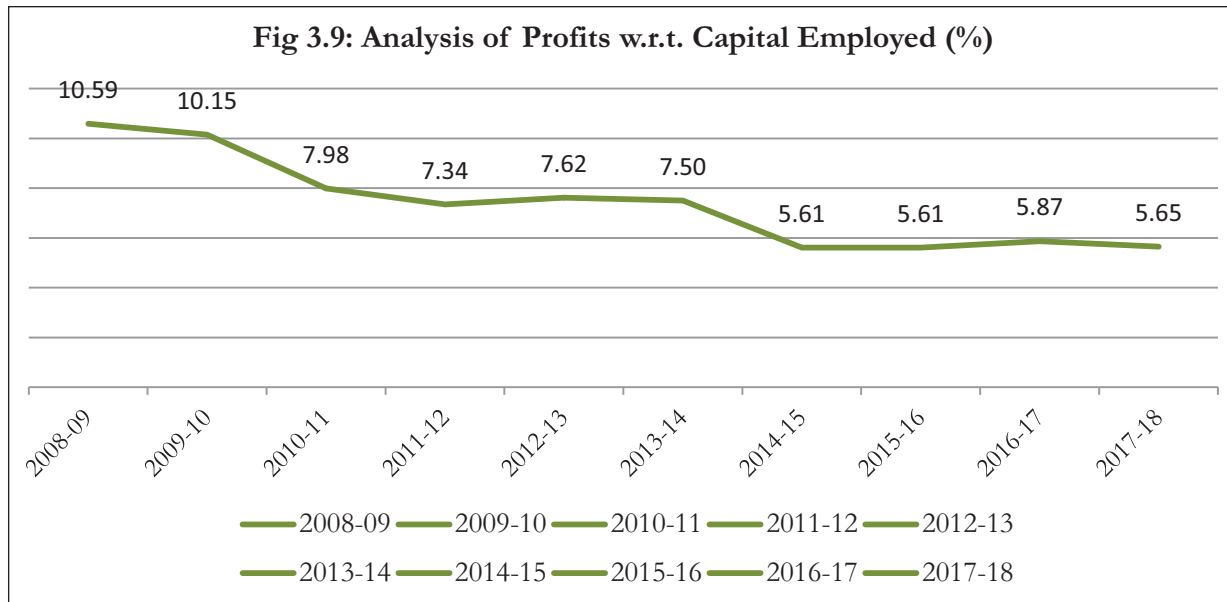
The loss of loss making CPSEs stands at Rs. 31,261 crore in FY 2017-18 as compared to Rs. 27,480 crore in FY 2016-17 showing an increase of 13.76%. However the number of loss making CPSEs has decreased from 81 to 71 in FY 2017-18. The number of loss making

3.4.4 Profitability Indicators

Box 3.2 below depict different Financial Ratios relating to the aggregate performance of operating CPSEs, for the last ten years. Fig. 3.9 depicts profits generated by CPSEs as a % of capital infused into the, over 10 years.

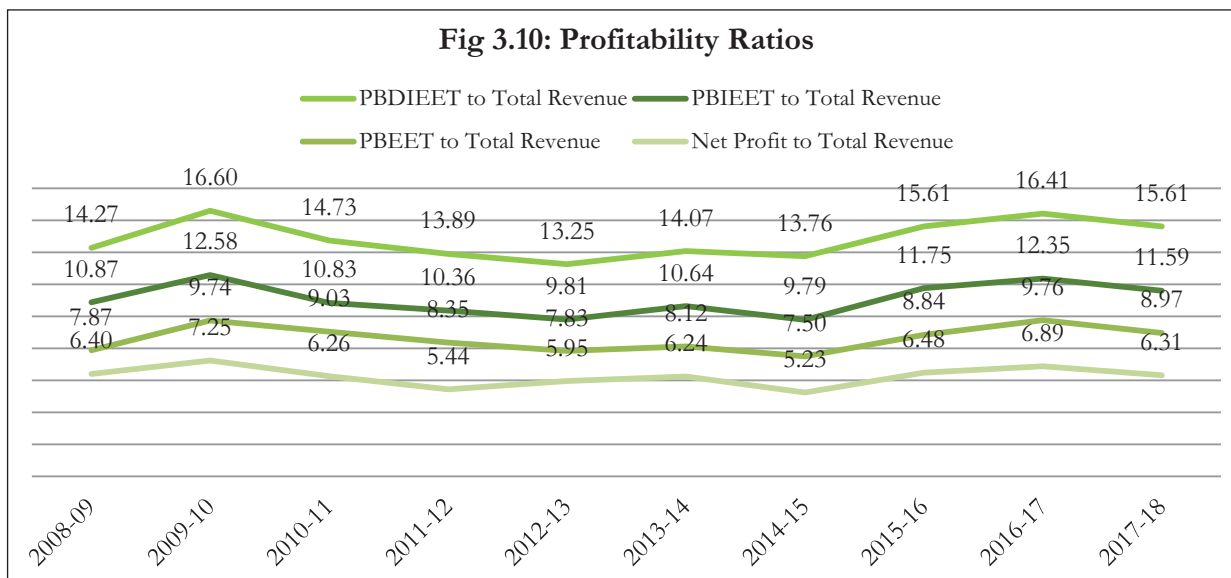
Box 3.2: Profitability ratios of CPSEs

Particulars	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Net Revenue from Operations to Capital employed (%)	160.50	137.09	129.83	136.20	129.02	120.79	108.83	83.34	82.11	86.84
Net Profit to Capital Employed (%)	10.59	10.15	7.98	7.34	7.62	7.50	5.61	5.61	5.87	5.65
Net Profit to Total Revenue (%)	6.40	7.25	6.26	5.44	5.95	6.24	5.23	6.48	6.89	6.31
Net Profit to Net Worth(%)	14.38	14.12	12.99	12.66	13.51	13.84	10.69	10.58	11.76	11.58
Dividend Payout Ratio (%)	30.41	36.03	38.75	43.39	43.23	50.75	54.95	60.03	62.26	59.65
Tax Provision to PBEET (%)	32.81	32.28	33.79	32.49	33.75	33.03	32.04	28.00	29.91	32.71
Debt/Equity Ratio (times)	2.69	2.98	2.95	3.63	3.86	4.25	4.44	4.75	0.93	0.99



3.5 Profitability Margins:

Analysis of profitability margins in Fig 3.10 shows mixed trends over the years. However, profitability margins which have increased in the last three years have reversed in the current year (2017-18).

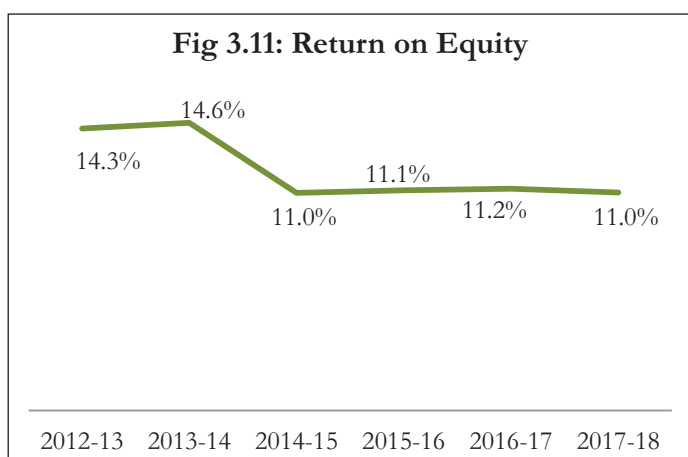


3.5.1 Return on Equity of Operating CPSEs

Return on Equity measures the profitability of capital funds invested in the firm. This ratio reveals how

profitably of the owners' funds have been utilised by the firm. RoE has been calculated by dividing Net Profit/Loss after tax from Continuing Operations with Average Shareholder's funds.

Fig 3.11: Return on Equity



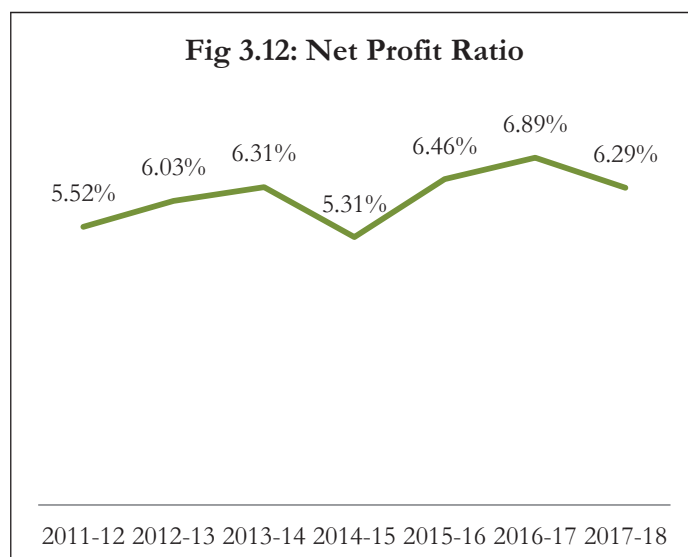
3.5.2 Net Profit Ratio:

The Net Profit Margin is the after- tax profit a company generated for each rupee of revenue. Net profit margin is a safety cushion; the lower the margin, lesser the room for error. Small mistakes on management's part could lead to tremendous losses with little or no warning.

Net Profit Ratio measures the relationship between net profit and revenue generated by the business. Net Profit reflects the proportion of revenue that finds its way into profits. A high net profit ratio implies positive returns of the business. Net Profit ratio is computed as Net Profit after Taxes of Continuing Operations divided by Total Revenue.

Net Profit (from continuing operations) Ratio of operating CPSEs stood at 6.29% in FY 2017-18, as against 6.89% in FY 16-17.. As seen in the Fig 3.12, the Net Profit Ratio of the CPSEs has improved over the years from 5.52% in FY 2011-12 to 6.29% in FY 2017-18.

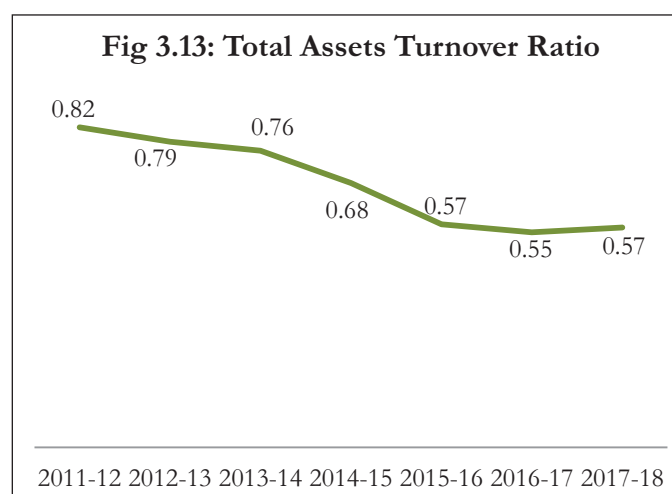
Fig 3.12: Net Profit Ratio



3.5.3 Total Asset Turnover Ratio

The Total Asset turnover ratio is a measure of how effectively a company uses its assets to generate sales. The Total Asset Turnover Ratio is computed by dividing Total Revenue with Average Total Assets. The Assets Turnover Ratio has shown broadly decreasing trend over the years highlighting decrease in efficiency of CPSEs in utilising the assets to generate revenue. The Assets Turnover has reduced from 0.82 in FY 2011-12 to 0.57 in FY 2017-18 showing a decrease of 30.49% (Fig 3.13).

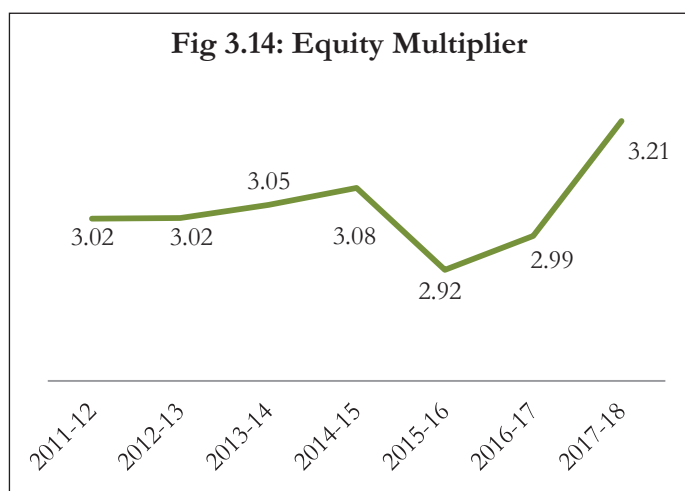
Fig 3.13: Total Assets Turnover Ratio



3.5.4 Equity Multiplier/Leverage

The equity multiplier, a measure of financial leverage, allows the investor to see what portion of the return on equity is the result of debt. The equity multiplier is calculated by dividing the Total Assets with Total Shareholder's Funds. It reflects the ability of company to use fixed financial charges to increase the returns to shareholders. As seen in the Fig 3.14, the equity multiplier has not shown drastic change over the years and has increased from 3.02 in FY 2011-12 to 3.21 in FY 2017-18 showing an increase by 6.29%.

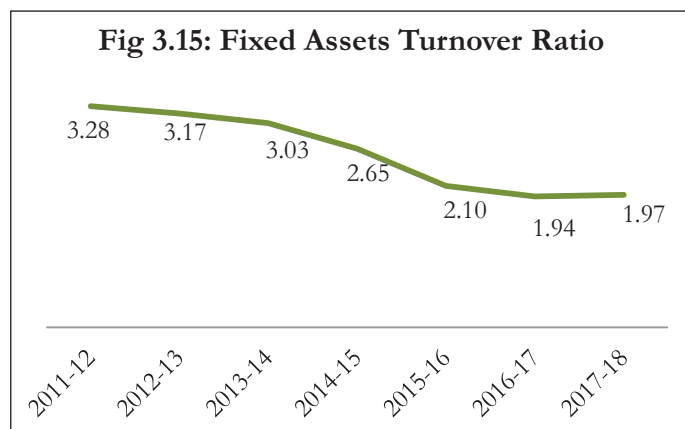
Fig 3.14: Equity Multiplier



3.5.5 Fixed Assets Turnover Ratio

This ratio establishes the relationship between Gross Revenue from Operations during the year and Fixed Assets. This ratio is computed by dividing Gross Revenue from Operations with Average Net Fixed Assets. It reflects the number of times revenue is generated using the fixed assets of company. As seen in Fig 3.15 below, the ratio decreased from 3.28 in FY 2011-12 to 1.97 in FY 2017-18 showing a decrease of 39.94%.

Fig 3.15: Fixed Assets Turnover Ratio

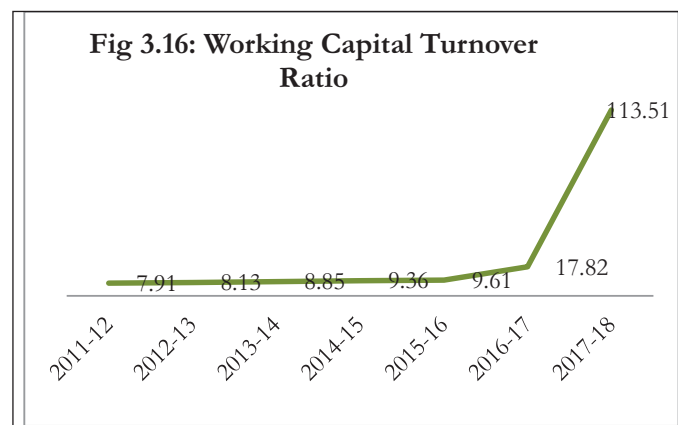


3.5.6 Working Capital Turnover Ratio:

This ratio establishes the relationship between the Cost of Goods Sold during the year and Working Capital during the year. It measures the efficiency in using the working capital. The ratio is computed by dividing Cost of Goods Sold with average working capital. As seen in Fig 3.16, the Working Capital Turnover Ratio has increased from 7.91 in FY 2011-12 to 113.51 in FY 2017-18. The Ratio has drastically increased due to

negative working capital of Rs -27439.89 crore in FY 2017-18

Fig 3.16: Working Capital Turnover Ratio

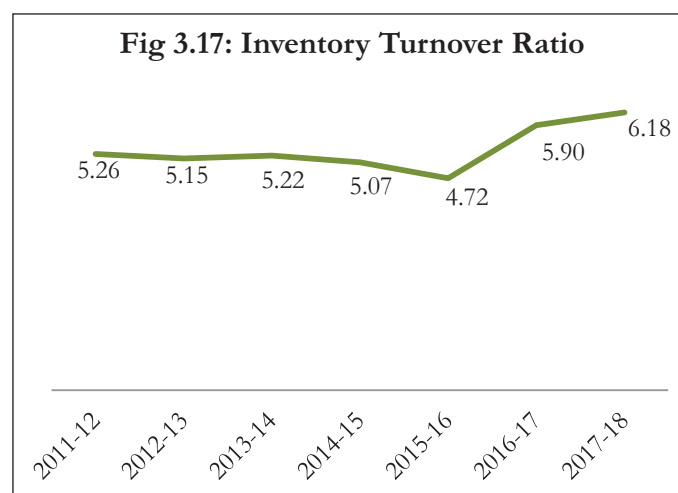


3.5.7 Inventory Turnover Ratio

Inventory turnover ratio establishes the relationship between the cost of goods sold during the year and average inventory held during the year. It measures the efficiency with which a firm utilizes or manages its inventory. It is computed by dividing Cost of Goods Sold with Average Inventory.

As seen in the Fig 3.17 below, the Inventory Turnover Ratio has increased from 5.26 in FY 2011-12 to 6.18 in FY 2017-18.

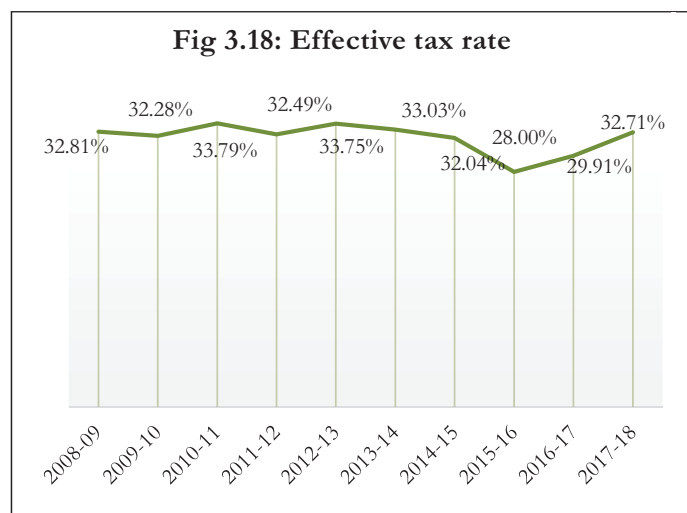
Fig 3.17: Inventory Turnover Ratio



3.5.8 Effective Tax Rate

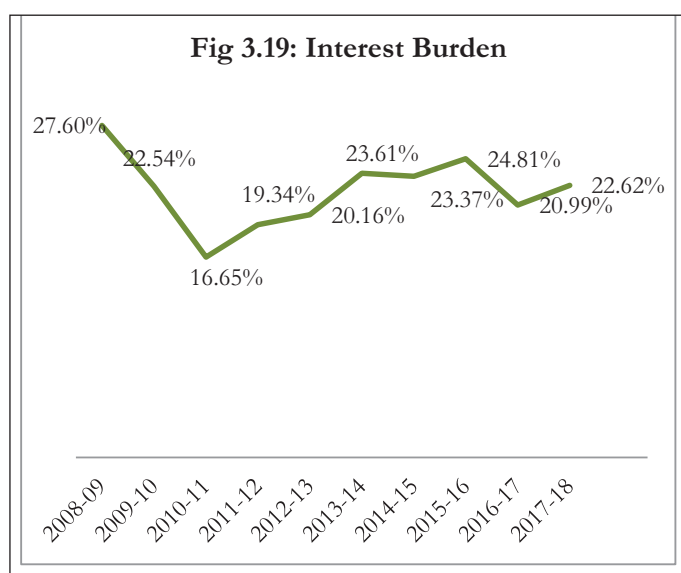
The effective tax rate is the net rate a taxpayer pays if all forms of taxes are included and divided by taxable income. The effective tax rate is often a more accurate representation of tax payer's tax liability than its marginal tax rate. The effective tax rate is arrived by dividing the

Tax Provisions with Profit Before Exceptional & Extra-Ordinary Items & Tax. In terms of 'Effective Tax Rate', the tax burden on CPSEs is 32.71 % in 2017-18 (an increase of 9.36% from 2016-17 when it was 29.91%). The trend of effective tax rate can be seen in Fig 3.18.



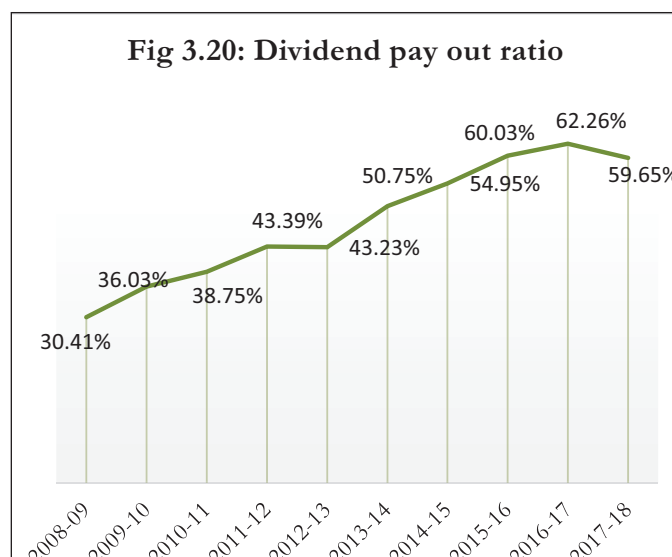
3.5.9 Interest Burden

Interest Burden on CPSEs is measured as Interest Expenditure to Profit Before Interest, Exceptional, Extra-Ordinary Items & Taxes (PBIEET). The Interest Burden on CPSEs has increased from 20.99% in FY 2016-17 to 22.62% in FY 2017-18. The trend of Interest burden on CPSEs is mixed and can be seen in Fig 3.19.



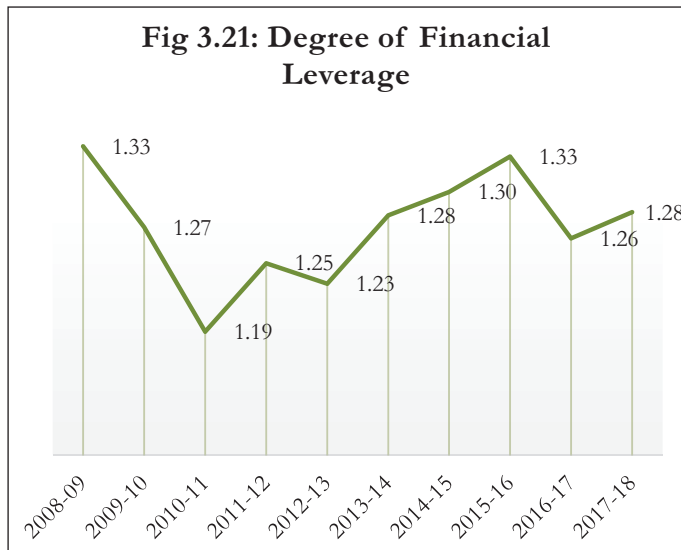
3.5.10 Dividend Pay-out Ratio:

The Dividend Pay-out Ratio of CPSEs is measured as Dividend declared/Paid divided excluding the Dividend Distribution Tax by Net Profit/Loss. As seen in Fig 3.20., the dividend pay-out ratio has increased steadily over the years. The dividend pay-out ratio as at 31.03.2018 is 59.65% decreased from 62.26% in FY 2016-17.



3.5.11 Financial Leverage:

Financial Leverage is the ability of the company to use fixed financial charges (Interest Cost) to magnify the effect of changes in Earnings before Interest and Tax (EBIT) on Earnings per share i.e. earnings available to Share Holders. Degree of Financial Leverage (DFL) is calculated as Profit before Interest and Tax divided by Profit before Tax. As seen in Fig 3.21, the DFL has shown mixed trend over the years. It has shown increase in FY 2017-18, being at 1.28 increased from 1.26 in FY 2016-17.

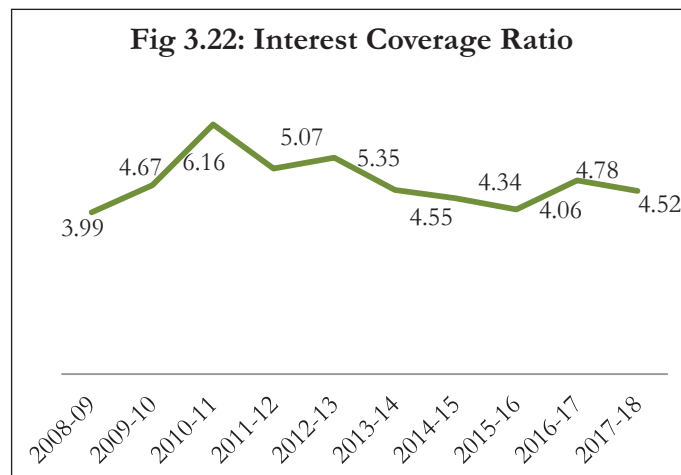


3.5.12 Interest Coverage Ratio (ICR)

This ratio also known as “Times Interest Earned Ratio” indicates the firm’s ability to meet interest (and other fixed-charges) obligations. This ratio indicates the extent to which earnings may fall without causing any embarrassment to the firm regarding the payment of interest charges.

A high Interest coverage ratio means that an enterprise can easily meet its interest obligations even if earnings before interest and taxes suffer a considerable decline. A lower ratio indicates excessive use of debt or inefficient operations. It is calculated as Profit before Interest and Taxes divided by Interest cost.

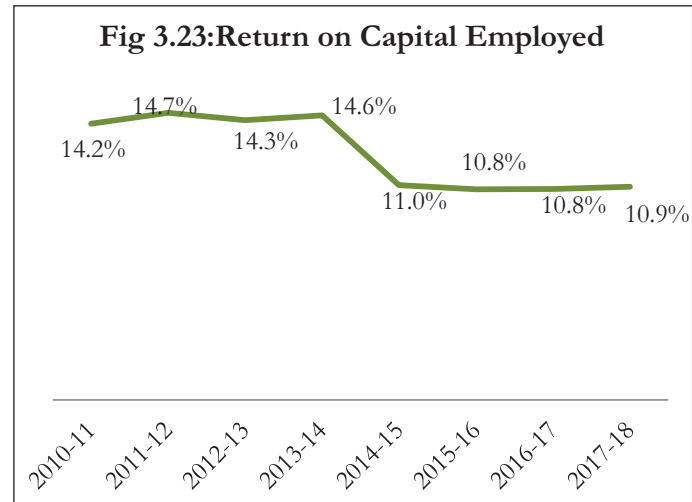
Interest Coverage Ratio for the FY 2017-18 has decreased from 4.78 in FY 2016-17 to 4.52 in FY 2017-18. The Movement of ICR over the past 10 years can be seen at Fig 3.22.



3.5.13 Return on Capital Employed

Return on capital employed (ROCE) is a financial ratio that measures a company’s profitability and the efficiency with which its capital is employed. ROCE is calculated as Profits Before Interest and Tax (PBIT) / Average Capital Employed.

As seen in the Fig 3.23 ROCE has decreased over the years from 14.2% in FY 2010-11 to 10.9% in FY 2017-18.

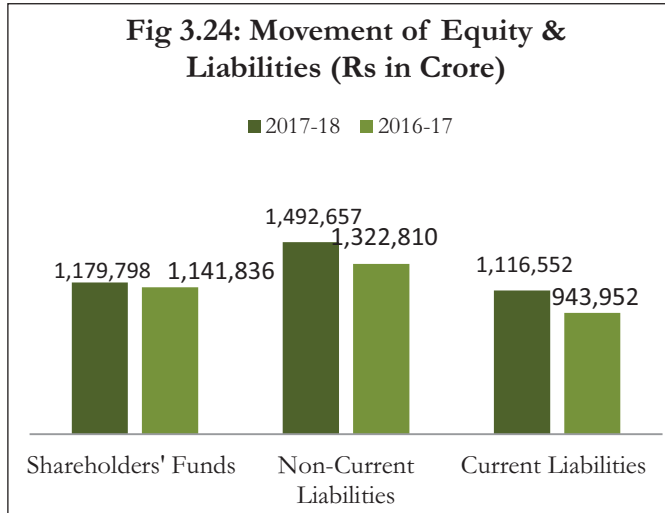


3.6 Aggregate Balance Sheet of Operating CPSEs

Table 3.5: Aggregate Balance Sheet of Operating CPSEs			
BALANCE SHEET	(Rs. in Crore)		
PARTICULARS	As on 31.03.18	As on 31.03.2017	% change over previous year
I. EQUITY & LIABILITIES			
(1) Shareholders' Funds			
(a) Share Capital	232108.24	215401.37	7.76
(b) Reserves & Surplus	941971.22	920460.54	2.34
(c) Money received against share warrants	0.00	0.00	
Total Shareholders' Funds (1(a)+1(b)+1(c))	1174079.46	1135861.91	3.36
(2) Share application money pending allotment	5718.60	5974.26	-4.28
(3) Non-current Liabilities			
(a) Long Term Borrowings	1094171.47	996233.48	9.83
(b) Deferred tax liabilities (Net)	86899.31	72565.87	19.75
(c) Other Long-term liabilities	188211.92	139285.6	35.13
(d) Long-term provisions	123373.89	114724.65	7.54
Total Non-Current Liabilities 3(a) to 3(d)	1492656.59	1322809.6	12.84
(4) Current Liabilities			
(a) Short Term Borrowings	306342.77	235065.51	30.32
(b) Trade Payables	197344.92	172103.36	14.67
(c) Other current liabilities	540315.04	464900.35	16.22
(d) Short-term provisions	72549.47	71882.38	0.93
Total Current Liabilities 4(a) to 4(d)	1116552.20	943951.6	18.28
TOTAL EQUITY & LIABILITIES (1+2+3+4)	3789006.85	3408597.37	11.16
II. ASSETS			
(1) Non-Current Assets			
(a) Total Gross Fixed Assets	1598041.83	1404974.00	13.74
(ai) Accumulated Depreciation, Depletion & Amortisation	455238.08	353191.21	28.89
(aii) Accumulated Impairment	683.80	703.53	-2.80
(b) Total Net Fixed Assets ((a)-(ai)-(aii))	1142119.95	1051079.26	8.66
(c) Capital work in progress	302522.97	301571.03	0.32
(d) Intangible assets under developmet	47183.37	42109.10	12.05
(e) Non-Current Investments	269159.63	226507.92	18.83
(f) Deferred Tax Assets (Net)	29909.19	24302.45	23.07
(g) Long Term Loans and Advances	784051.16	649719.67	20.68
(h) Other Non-Current Assets	124948.27	110249.28	13.33
Total Non-Current Assets (b+c+d+e+f+g+h)	2699894.54	2405538.71	12.24
(2) Current Assets			
(a) Current Investments	23889.29	28555.79	-16.34
(b) Inventories	297675	283711.62	4.92
(c) Trade Recievables	307085.95	238869.03	28.56
(d) Cash & Bank Balance	171107.03	195264.20	-12.37
(e) Short-term Loans & Advances	76271.65	63940.74	19.28
(f) Other Current Assets	213083.39	192717.28	10.57
Total Current Assets (a+b+c+d+e+f)	1089112.31	1003058.66	8.58
TOTAL ASSETS (1+2)	3789006.85	3408597.37	11.16

Total Equity and Liabilities/ Total Assets of all operating CPSEs stood at Rs. 37,89,006.85 crores as on 31.03.2018 against Rs. 34,08,597.37 crore on 31.03.2017 recording an increase of 11.16%. As seen in the Table 3.5 maximum increase is noted in Other Long Term Liabilities (35.13%), followed by Short Term Borrowing (30.32%), Trade receivables (28.56%) and Deferred Tax Assets (23.07%).

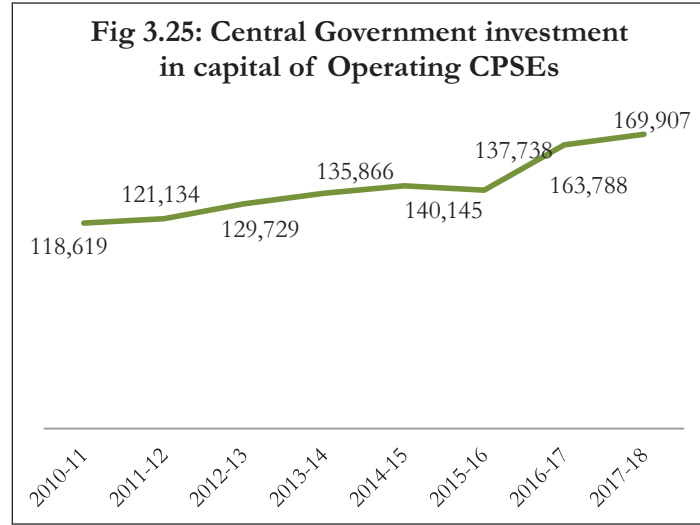
The Movement of major heads of Equity & Liabilities can be seen in below Figure 3.24.



3.6.1 Central Government investment in Capital of CPSEs

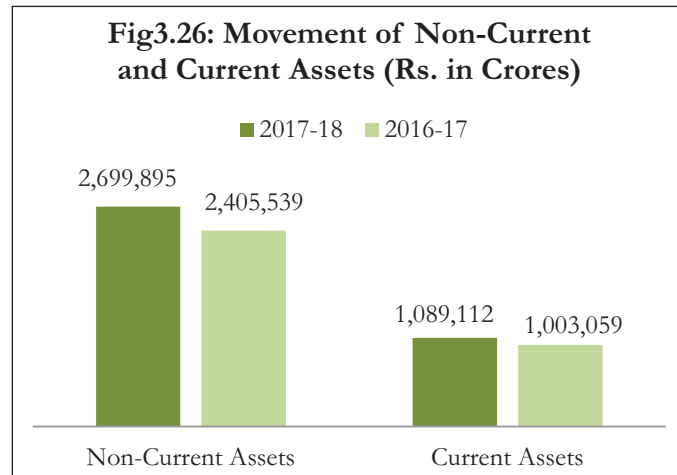
Contribution to capital is one of the major form of investment by Central Government in CPSEs, in addition to Loans, Waiver of interest, Restructuring. The Central Government Investment in Capital of CPSEs has increased by 3.74% from Rs 1,63,788 crore as on 31.03.2017 to Rs.1,69,907 crore as on 31.03.2018.

Movement of Central Government investment in Capital of Operating CPSEs can be seen in Fig 3.25 below.



3.6.2 Movement of Non-Current and Current Assets

The movement of Non-Current Assets and Current Assets as on 31.03.18 and 31.03.17 can be seen in the below Figure 3.26. All the major heads have shown an increase as on 31.03.2018 compared to as on 31.03.2017.

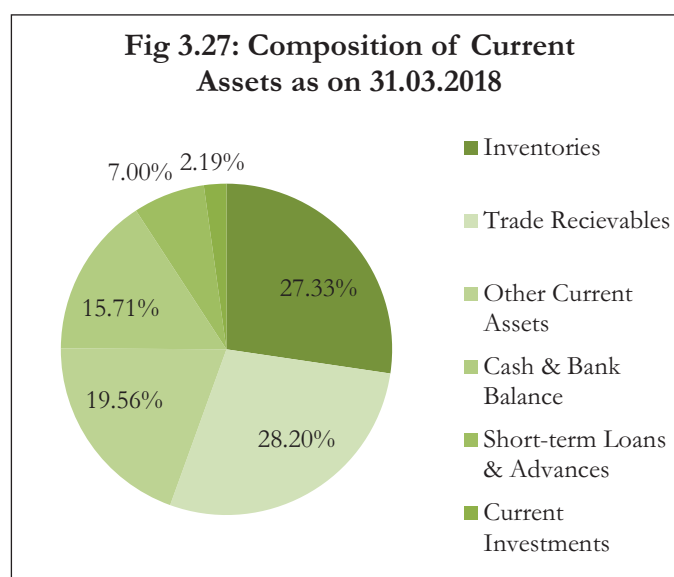


Out of the total assets of the operating CPSEs i.e. Rs.37,89,006.85 crore, the Non-Current Assets

constitute 71.26% i.e. Rs. 26,99,894.54 crore and Current Assets constitute 28.74% i.e. Rs. 10,89,112.31 crore. Non-Current assets as on 31.03.2018 compared to as on 31.03.2017 recorded an increase of 12.24%, whereas Current Assets recorded an increase of 8.58% (Fig 3.26)

3.6.3 Composition of Current Assets

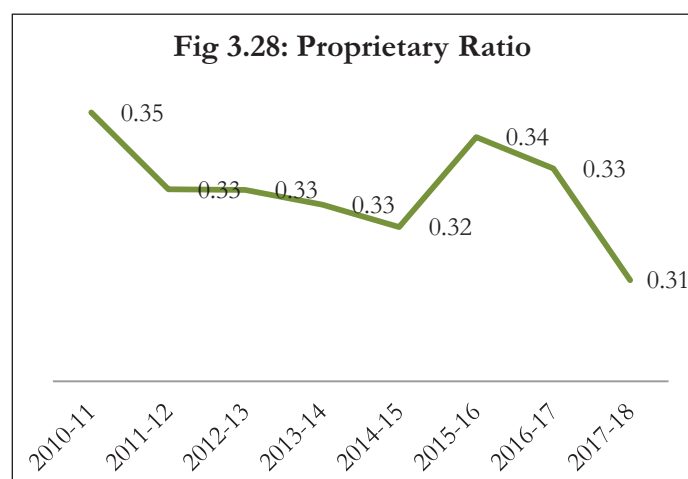
As seen in Fig 3.27, Trade Receivables comprise 28.20% share of total Current Assets, followed by Inventories (27.33%), Other Current Assets (19.56%), Cash & Bank Balances (15.71%).



3.6.4 Proprietary Ratio

Proprietary Ratio indicates the proportion of Total Assets financed by shareholders. It is calculated as

Proprietary Fund (total Share Holder's Funds) divided by Total Assets. As seen in the Fig 3.28 the proportion of Total Assets financed by shareholders is in the range of 0.31 to 0.35.



3.6.5 Market Capitalization of CPSE Stocks

There were 52 CPSEs listed and traded on the stock exchanges of India as on 31.03.2018. The total market capitalization (M-Cap) of 52 CPSEs based on stock prices on BSE and NSE as on 31.03.2018 stood at Rs. 15,22,040.57 crore increased from Rs. 15,18,919.50 crore as on 31.03.2017 (increased by 0.21%). During this period, the M-Cap of Bombay Stock Exchange has increased by 17.03% and BSE Sensex has increased by 11.30%. M-Cap of listed and traded CPSEs as a percentage of BSE M-Cap decreased from 12.50% as on 31.03.2017 to 10.70% as on 31.3.2018 (Box 3.3).

Box 3.3: Growth in Market Capitalization of listed and traded CPSEs

Sl. No.	Company Name	31-03-2017 Close price (Rs.)	31-03-2017 Market Cap (Rs. in Crore)	31-03-2018 Close price (Rs.)	31-03-2018 Market Cap (Rs. in Crore)	% inc/dec in Market Capitalization
1	ANDREW YULE & COMPANY LTD.	27.50	1,342.17	28.55	1395.96	4.01
2	BALMER LAWRIE & CO.LTD.	235.60	2,685.33	217.20	2476.14	-7.79
3	BALMER LAWRIE INVESTMENTS LTD.	381.60	847.05	397.65	882.67	4.21
4	BEML LTD.	1,360.70	5,666.57	1044.15	4348.31	-23.26
5	BHARAT ELECTRONICS LTD.	156.40	34,922.77	142.05	34901.55	-0.06
6	BHARAT HEAVY ELECTRICALS LTD.	163.10	39,920.36	81.40	29885.20	-25.14
7	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD	22.60	97.59	19.70	85.06	-12.84
8	BHARAT PETROLEUM CORPN. LTD.	649.00	93,849.10	427.95	92833.17	-1.08
9	CHENNAI PETROLEUM CORPORATION LTD.	362.80	5,401.76	328.50	4891.74	-9.44
10	COAL INDIA LTD.	292.80	181,752.94	283.50	175980.05	-3.18

11	CONTAINER CORPORATION OF INDIA LTD.	1,271.10	24,782.19	1243.80	30313.61	22.32
12	DREDGING CORPN. OG INDIA TLD.	687.60	1,925.14	581.60	1628.48	-15.41
13	ENGINEERS INDIA LTD.	144.40	9,727.36	158.10	9990.52	2.71
14	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	41.60	1442.57	51.05	1770.27	22.72
15	GAIL (INDIA) LTD.	376.50	63,669.11	328.60	74101.63	16.39
16	HINDISTAN COPPER LTD.	66.10	6,115.69	62.95	5824.25	-4.77
17	HINDIUSTAN PETROLEUM CORPN. LTD.	525.50	53,379.51	344.15	52442.36	-1.76
18	HINDUSTAN FLUOROCARBONS LIMITED	17.10	33.51	10.62	20.81	-37.90
19	HINDUSTAN ORGANIC CHEMICALS LTD.	24.60	165.25	23.15	155.51	-5.89
20	HMT LTD.	37.90	2,868.46	28.55	2163.66	-24.57
21	INDIA TOURISM DEV. CORPN LTD.	414.30	3,553.43	453.30	3887.93	9.41
22	INDIAN OIL CORPORATION LTD.	386.80	187,802.12	176.30	171219.21	-8.83
23	ITI LTD.	71.10	3,410.40	113.10	6333.60	85.71
24	KIOCL LTD.	14.50	920.05	219.15	13905.37	1,411.37
25	M M T C LTD.	62.00	6,195.00	55.65	5565.00	-10.17
26	MOIL LTD.	313.75	4178.77	195.75	5214.30	24.78
27	MADRAS FERTILIZERS LTD.	19.25	310.12	32.10	517.14	66.75
28	MAHANAGAR TELEPHONE NIGAM LTD.	24.00	1,512.00	18.85	1187.55	-21.46
29	MANGALORE REFINERY & PETROCHEMICALS LTD.	106.70	18,691.47	109.50	19190.96	2.67
30	NATIONAL ALUMINIUM COMPANY LTD.	76.50	14786.91	66.75	12902.30	-12.75
31	NATIONAL FERTILIZERS LTD.	76.70	3,760.28	53.95	2646.67	-29.62
32	NBCC (INDIA)LTD.	172.10	15,489.00	190.35	17131.50	10.60
33	NHPC LTD.	32.10	39,423.88	27.65	28367.02	-28.05
34	NLC INDIA LTD.	107.40	18,010.21	83.85	12817.05	-28.83
35	NMDC LTD.	133.10	42,111.38	118.65	37539.56	-10.86
36	NTPC LTD.	166.00	136,833.48	169.70	139925.53	2.26
37	OIL & NATURAL GAS CORPORATION LTD.	185.10	237,479.02	177.80	228174.92	-3.92
38	OIL INDIA LTD.	333.60	26,734.52	215.30	24422.27	-8.65
39	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	2,079.00	1,247.37	1563.00	937.80	-24.82
40	POWER FINANCE CORPORATION LTD.	145.90	38,518.26	85.90	22678.30	-41.12
41	POWER GRID CORPORATION OF INDIA LTD.	197.20	103,166.95	193.85	101414.37	-1.70
42	RASHTRIYA CHEMICALS & FERTILIZERS LTD.	81.8	4,510.05	73.20	4038.36	-10.46
43	RURAL ELECTRIFICATION CORPN. LTD.	181.00	35,736.14	125.05	24696.35	-30.89
44	SCOOTERS INDIA LTD.	40.00	171.97	60.45	259.89	51.13
45	SHIPPING CORPORATION OF INDIA LTD.	76.00	3,540.07	64.35	2997.42	-15.33
46	SJVN LTD.	33.90	14,002.48	33.35	13105.87	-6.40
47	STATE TRADING CORPN. OF INDIA LTD.	159.00	953.70	135.85	815.10	-14.53
48	STEEL AUTHORITY OF INDIA LTD.	61.20	25,276.04	70.20	28993.35	14.71
49	HOUSING & URBAN DEV. CORPN. LTD.	0.00	0.00	66.35	13282.61	
50	Bharat Dynamics Limited			393.35	7209.37	
51	Cochin Shipyard Limited			503.35	6842.34	
52	Hindustan Aeronautic			1128.35	37730.61	
	Total Market Capitalization		15,18,919.50		15,22,040.57	0.21%
	M-CAP of BSE		12154525.46		14224996.97	17.03%
	BSE Sensex		29,620.50		32,968.68	11.30%
	% of CPSEs M-CAP to BSE M-CAP		12.50%		10.70%	

Source: BSE.

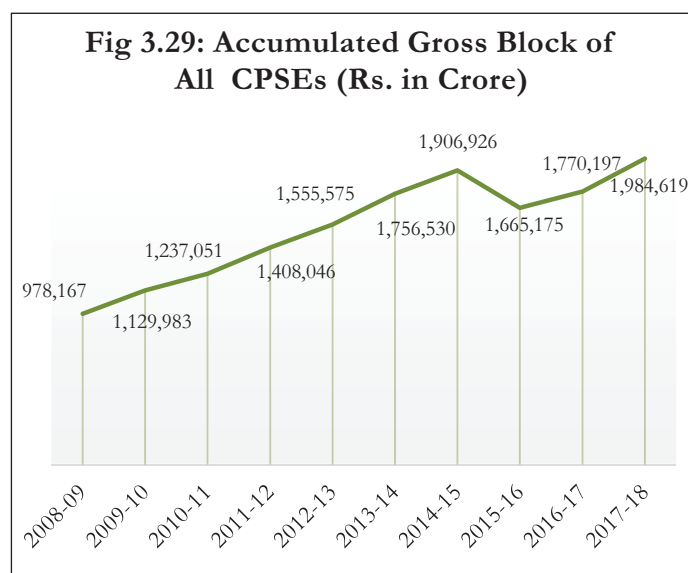
Note:

- (i) Three CPSEs namely Mishra Dhatu Nigam Ltd, Indian Renewable Energy Devt. Agency Ltd. and Indian Railway Finance Corporation Ltd. are listed in NSE but not traded as on 28.03.2018.
- (ii) Three CPSEs namely Eastern Investment Limited, Hindustan Cables Limited, The Bisra Stone Lime Company Limited have been listed in Regional Stock Exchanges but suspended as on 28.03.2018 .

3.6.6 Growth in Real Investment/Gross Block

The aggregate Real Investment in Central Public Sector Enterprises (CPSEs) measured in terms of 'Gross Block' increased from Rs. 17,70,197 crore in 2016-17 to Rs. 19,84,919 crore in 2017-18, showing an increase of Rs. 2,14,422 crore and a growth of 12.11 per cent over the previous year (Box 3.4 and Fig 3.29).

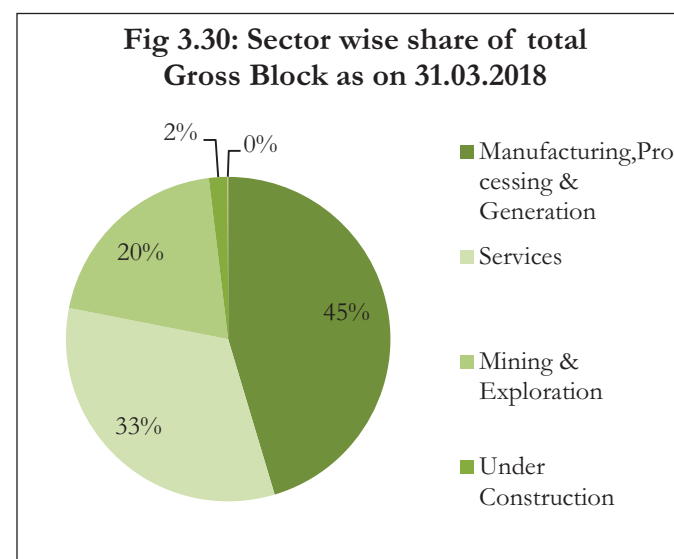
Box 3.4: Growth in Real Investment/Gross Block			
Year	Accumulated Gross Block in CPSEs (Rs. in crore)	Gross Block increased during the year (Rs. in crore)	Growth over the previous year (in %)
2008-09	978,167	115,927	13.44
2009-10	1,129,983	151,816	15.52
2010-11	1,237,051	107,068	9.48
2011-12	1,408,046	170,995	13.82
2012-13	1,555,575	147,529	10.48
2013-14	1,756,530	200,956	12.92
2014-15	1,906,926	150,395	8.56
2015-16	1,665,175	(241,751)	(12.68)
2016-17	17,70,197	1,05,022	6.31
2017-18	19,84,619	2,14,422	12.11



Accumulated Gross Block of all CPSEs has shown broadly increasing trend over the years except in FY 2015-16 wherein the Gross Fixed Assets of CPSEs has been decreased by Rs. 241,751 crore from Rs. 1,906,926 crores as on 31.03.2015 to 1,665,175 crores as on 31.03.2016. The major reason for this decrease is implementation of Ind AS in CPESs.

3.6.7 Sector-wise distribution of Gross Block as on 31.03.2018:

As seen in Fig 3.30 Manufacturing, Processing & Generation Sector has major share of Gross block with 45% share followed by Services (33%), Mining & Exploration (20%) and Under Constructions (2%). Agriculture has negligible share.



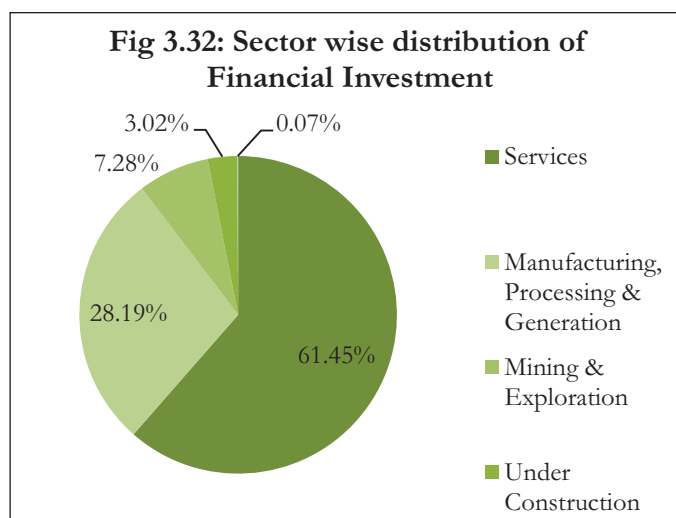
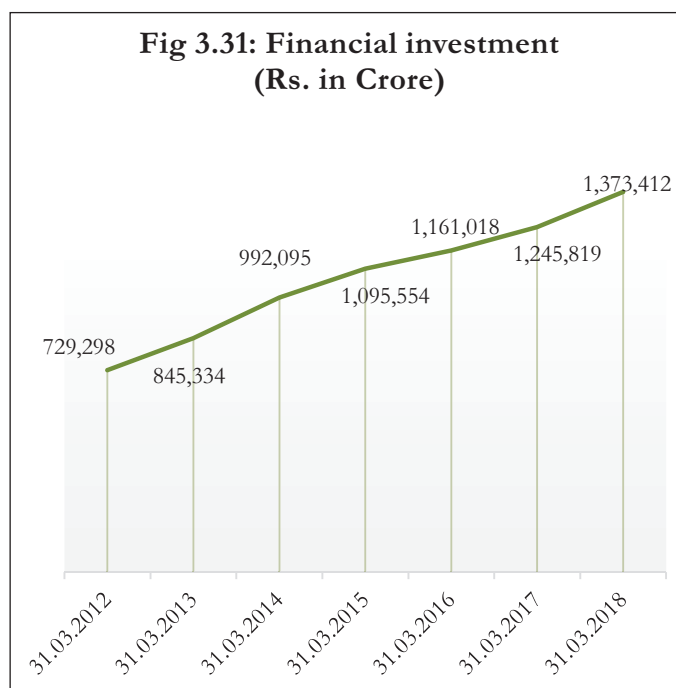
3.7 Financial Investment

The aggregate financial investment in all CPSEs including Under Construction CPSEs (comprising paid-up share capital, share application money pending allotment, money received against share warrants and long term loans) grew from Rs. 29 crore in 5 enterprises in 1951 to Rs.13,73,412 crore in 339 enterprises as on 31.03.2018 (Box 3.5). The financial investment increased by Rs.1,27,593 crore and displayed growth of 10.24% during the FY 2017-18.

Box 3.5: Growth in Financial Investment			
Particulars (as on)	Total investment (Rs. in crore)	Increase over previous year (%)	Enterprises (Nos.)
31.03.2012	729,298		260
31.03.2013	845,334	15.91	277
31.03.2014	992,095	17.36	290
31.03.2015	1,095,554	10.43	298
31.03.2016	1,161,018	5.98	320
31.03.2017	12,45,819	730	331
31.03.2018	13,73,412	10.24	339

3.7.1 Sector-wise Distribution of Financial Investment:

As seen in Fig 3.32 Services has major share of Financial Investment with 61.45% share followed by Manufacturing, Processing & Generation Sector (28.19%), Mining & Exploration (7.28%) and Under Constructions (3.02%). Agriculture has negligible share.



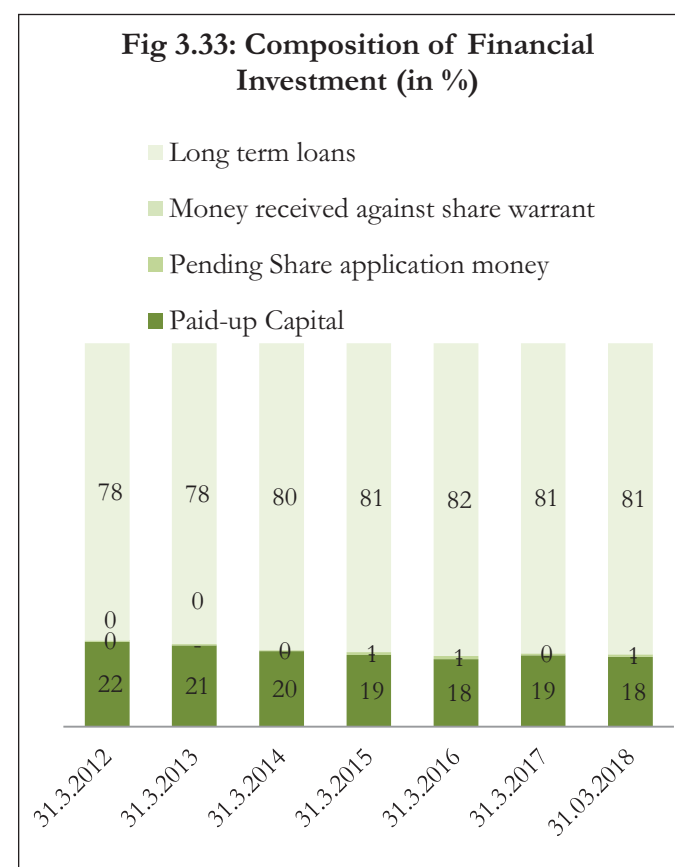
3.7.2 Composition of Financial Investment

Box 3.6: Composition of Financial Investment (Rs. in crore)

Year ending (as on)	Paid-up Capital	Pending Share application money	Money received against share warrant	Long term loans	Investment (Total)
31.3.2012	1,61,349	2,511	3	5,65,435	7,29,298
31.3.2013	1,79,396	2,493	-	6,63,445	8,45,334
31.3.2014	1,94,997	2,725	-	7,93,373	9,92,095
31.3.2015	2,04,946	8,074	-	8,82,534	10,95,554
31.3.2016	2,04,762	9,380	-	9,46,876	11,61,018
31.3.2017	2,32,161	6,102	-	10,07,557	12,45,819
31.3.2018	2,49,988	8,873	-	11,14,551	13,73,412

While the total investment has increased significantly in CPSEs over the years, the structure of financial investment in CPSEs has also under-gone change. (Box 3.6). While the share of 'paid-up capital' in total (financial) investment was 32.57% during 2002-03, it declined to 18.20% in 2017-18. The share of 'long-term loans', on the other hand, went up from 66.56% in 2002-03 to 81.15% in 2017-18.

3.7.3 Sources of Financial Investment:



A perusal of 'sources of investment', which is given below (Box 3.7), shows a significant change in the investment pattern of CPSEs during over the years. The share of the Central Government in total (financial) investment (both equity and long term loans) stood at 33.33% in 2006-07, has declined to 15.37% in 2017-18. On the other hand, the share of financial institutions/banks and others that was 48.31% in 2006- 07 has

increased to 67.10% in 2017-18. 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 8.77% in 2006-07 to 12.20% in 2017-18. The share of 'State Governments' in total financial investment has also shown a marginal decline from 0.84% in 2006-07 to 0.41% in 2017-18.

Box 3.7: Sources of Financial Investment (Rs. in crore)							
Particulars	Central Govt.	State Govt.	Holding Company	Foreign Parties	FI/Banks & Others	Share Appl. Money (pending allotment)	Total Investment (Financial)
As on 31.3.2008							
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
As on 31.3.2009							
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
As on 31.3.2010							
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
As on 31.3.2011							
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
As on 31.3.2012							
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
As on 31.3.2013							
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
As on 31.3.2014							
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

As on 31.3.2015							
Equity (E)	149175	4569	34405	3628	13169	8074	
Loan (L)	19580	243	11266	152348	699097	-	
(E+L)	168755	4812	45671	155976	712266	8074	1095554
% of total (E+L)	15.4	0.44	4.17	14.24	65.02	0.73	100
As on 31.3.2016							
Equity (E)	148527.86	4392.13	34318.98	3882.29	13641.11	9380.25	214,143
Loan (L)	33858.05	259.65	6226.87	166369.56	740161.69		946,876
(E+L)	182385.91	4651.78	40545.85	170251.85	753802.8	9380.25	1,161,018
% of total (E+L)	15.71	0.40	3.49	14.66	64.93	0.81	100
As on 31.3.2017							
Equity (E)	163787.64	4102.73	40095.29	4242.5	19932.5	6101.53	238262.19
Loan (L)	33429.05	65.63	10139.9	183116.1	780806.4		1007557.06
(E+L)	197216.69	4168.36	50235.21	187358.6	800738.86	6101.53	12,45,819
% of total (E+L)	15.83	0.33	4.03	15.04	64.27	0.49	100
As on 31.3.2018							101
Equity (E)	169906.67	4827.06	46203.37	6217.25	22833.78	8873.00	258861.13
Loan (L)	41118.73	821.01	12633.70	161304.10	898673.55	0.00	1114551.11
(E+L)	211025.40	5648.07	58837.07	167521.37	921507.33	8873.00	1373412.24
% of total (E+L)	15.37	0.41	4.28	12.20	67.10	0.65	100

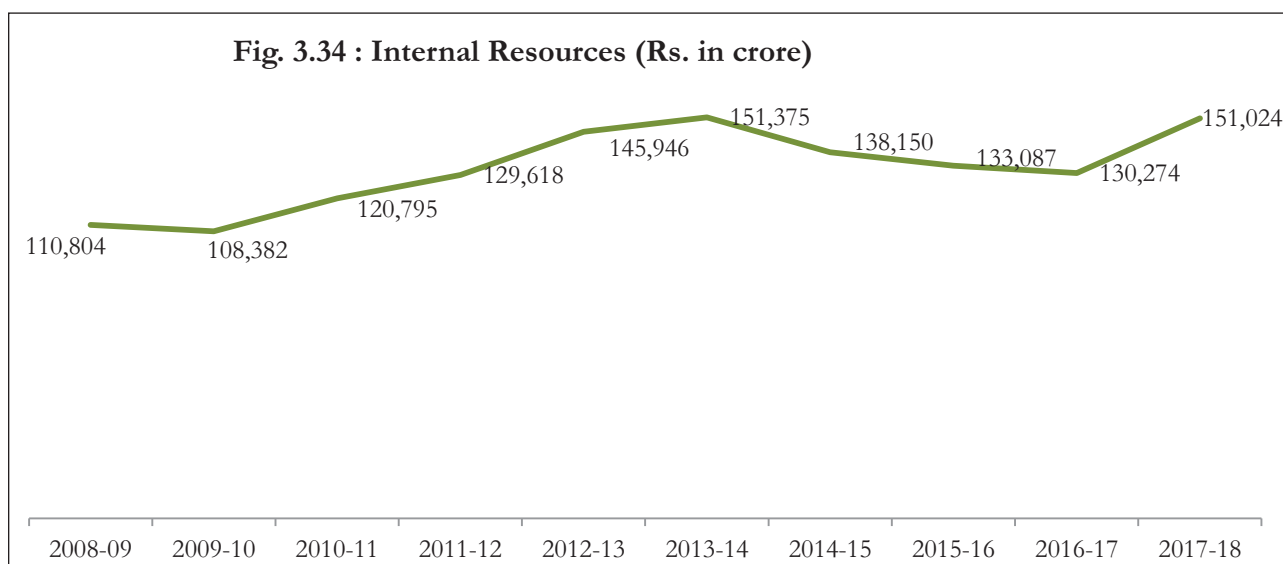
3.7.4 Internal Resources of CPSEs:

Internal Resources of CPSEs comprise of Depreciation, Impairment/Generated IR, Deferred Tax and Retained Profit. Year wise breakup of Internal Resources can be seen in Box 3.8.

Box 3.8 : Internal Resources of CPSEs (Rs. in crore)							
Years	No. of CPSEs which generated IR	Depreciation	Impairment / Generated IR	Deferred Tax	Retained Profit	Total Resources	Internal
2008-09	158	34432.79	7516.89	-	68854.43		110804.11
		(31.08)	(6.78)	-	(62.14)		(100.00)
2009-10	157	28745.82	9575.56	-	70061.06		108382.44
		(26.52)	(8.84)		(64.64)		(100.00)
2010-11	162	53574.55	185.69	3716.01	66478.93		120794.96
		(37.27)	(0.15)	(3.25)	(60.33)		(100.00)
2011-12	166	59907.73	152.38	1428.77	68128.71		129617.59
		(46.22)	(0.12)	(1.10)	(52.56)		(100.00)
2012-13	159	61798.75	403.07	5394.08	78350.53		145946.43
		(42.34)	(0.28)	(3.70)	(53.68)		(100.00)
2013-14	162	60483.45	848.67	6881.74	83161.01		151374.87
		(39.96)	(0.56)	(4.55)	(54.93)		(100.00)
2014-15	163	63594.70	533.61	4506.06	69515.84		138150.21
		(46.03)	(0.39)	(3.26)	(50.32)		(100.00)
2015-16	164	58556.19	285.80	5946.18	68298.83		133087.00
		(44.00)	(0.21)	(4.47)	(51.32)		(100.00)
2016-17	177	64993.91	240.08	5996.75	59042.87		130273.61
		(49.89)	(0.18)	(4.60)	(45.32)		(100.00)
2017-18	182	70293.15	-135.61	9479.18	71386.95		151023.67
		(45.64)	(-0.09)	(6.28)	(47.27)		(100)

(*Figure in bracket represent % Share of total)

Fig. 3.34 : Internal Resources (Rs. in crore)



As seen in Fig 3.34 above, the Internal Resources of CPSEs have increased till FY 2013-14, reaching highest of Rs.1,51,375 crore, thereafter started decreasing. The Internal Resources of CPSEs stood at Rs. 1,51,024 crore in FY 2017-18, as compared to Rs. 1,30,274 crore in FY 2016-17. The dividend has decreased from Rs.78,129 crore in FY 2016-17 to Rs. 76,578 crore in FY 2017-18.

crore as on 31.3.2018. This was equal to 70.93 per cent of the total gross block in all CPSEs. Bharat Sanchar Nigam Ltd., NTPC Ltd and Power Grid Corporation of India Ltd. are the top three CPSEs amongst the top ten CPSEs in terms of gross block during the year 2017-18 (Table 3.6). The share of these 3 CPSEs alone was 34.13% of the total gross block of all the CPSEs as on 31.3.2018.

3.7.5 Top 10 CPSEs in terms of Gross Block

Gross block in top 10 CPSEs amounted to Rs. 14,07,637

Table 3.6: Gross Block in top 10 Enterprises as on 31.3.2018

S. No.	CPSE Name	Investment in terms of Gross Block (Rs. in crore)	Share in Total Gross Block (%)
1	Bharat Sanchar Nigam Ltd.	2,51,056	12.65
2	NTPC Ltd.	2,18,921	11.03
3	Power Grid Corporation Of India Ltd.	2,07,407	10.45
4	Oil & Natural Gas Corporation Ltd.	1,96,122	9.88
5	Indian Oil Corporation Ltd.	1,46,035	7.36
6	Steel Authority Of India Ltd.	1,13,913	5.74
7	Ongc Videsh Ltd.	1,08,684	5.48
8	Nuclear Power Corpn. Of India Ltd.	62,295	3.14
9	Bharat Petroleum Corpn. Ltd.	53,526	2.70
10	Hindustan Petroleum Corpn. Ltd.	49,676	2.50
	Total :	14,07,637	70.93
	GRAND TOTAL :	19,84,619	100

3.7.6 State-wise distribution of Gross Block

As on 31.3.2018, CPSEs have invested Rs. 19,84,619 crore in gross block in different states. The funds have been invested as per the requirement of the CPSEs

and balance regional development in the country. In absolute terms, there has been an increase in investments in most states. The state wise distribution of investment in terms of gross block is given in Table 3.7 below.

Table 3.7 State-wise Distribution of Gross Block as on 31.3.2018							
S. No.	State / Union Territory	Gross Block (Rs. in crore)			% share in Total Gross Block		
		2017-18	2016-17	2015-16	2017-18	2016-17	2015-16
1	ANDAMAN & NICOBAR ISLANDS	698	626	485	0.04	0.04	0.03
2	ANDHRA PRADESH	1,05,418	98,595	88558	5.31	5.57	5.32
3	ARUNACHAL PRADESH	18,461	16,746	14975	0.93	0.95	0.90
4	ASSAM	75,341	68,079	62937	3.80	3.85	3.78
5	BIHAR	68,670	62,765	58111	3.46	3.55	3.49
6	CHANDIGARH	249	454	574	0.01	0.03	0.03
7	CHHATTISGARH	1,00,976	89,465	78985	5.09	5.05	4.74
8	DADRA NAGARHAVLI	589	355	346	0.03	0.02	0.02
9	DAMAN AND DIU	273	248	243	0.01	0.01	0.01
10	DELHI	76,561	72,410	77479	3.86	4.09	4.65
11	GOA	2,969	2,534	1912	0.15	0.14	0.11
12	GUJRAT	81,377	70,057	59870	4.10	3.96	3.60
13	HARYANA	46,524	40,824	38328	2.34	2.31	2.30
14	HIMACHAL PRADESH	34,475	33,370	35997	1.74	1.89	2.16
15	JAMMU & KASHMIR	20,398	19,464	18152	1.03	1.10	1.09
16	JHARKHAND	58,870	49,734	40513	2.97	2.81	2.43
17	KARNATAKA	89,868	77,756	77199	4.53	4.39	4.64
18	KERALA	47,234	44,921	40318	2.38	2.54	2.42
19	LAKSHADWEEP	40	35	-	0.00	0.00	0.00
20	MADHYA PRADESH	91,056	79,773	69257	4.59	4.51	4.16
21	MAHARASHTRA	1,67,970	1,59,271	142084	8.46	9.00	8.53
22	MANIPUR	1,092	1,044	747	0.06	0.06	0.04
23	MEGHALAYA	346	316	277	0.02	0.02	0.02
24	MIZORAM	1,706	1,424	1225	0.09	0.08	0.07
25	NAGALAND	1,185	1,137	1106	0.06	0.06	0.07
26	ORISSA	1,21,247	1,14,160	104324	6.11	6.45	6.27
27	OTHERS AND UNALLOCATED	2,87,590	2,57,345	273607	14.49	14.54	16.43
28	PONDICHERY	1,054	525	405	0.05	0.03	0.02
29	PUNJAB	21,154	18,811	17134	1.07	1.06	1.03
30	RAJASTHAN	54,761	43,559	34506	2.76	2.46	2.07
31	SIKKIM	3,665	3,573	3246	0.18	0.20	0.19
32	TAMILNADU	1,31,546	1,05,822	104015	6.63	5.98	6.25
33	TELANGANA	16,041	14,175	10191	0.81	0.80	0.61
34	TRIPURA	5,617	5,627	5181	0.28	0.32	0.31
35	UTTAR PRADESH	1,28,254	1,12,406	100650	6.46	6.35	6.04
36	UTTARANCHAL	28,574	25,933	24142	1.44	1.46	1.45
37	WEST BENGAL	92,772	76,859	78098	4.67	4.34	4.69
	TOTAL :	19,84,619	17,70,197	1665175	100	100	100

3.8 Revival and Restructuring of Sick / loss making CPSEs

As the Central Public Sector Enterprises (CPSEs) operate under dynamic market conditions, there are bound to be uncertainties & fluctuations in their performances. Some CPSEs have, however, been incurring losses continuously for the last several years.

3.8.1 Reasons for Losses and Sickness in CPSEs:

The reasons for losses/ sickness in CPSEs vary from enterprise 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. Many CPSEs that did not evolve with liberalization and opening up of the economy lost ground very quickly to private companies. Attempts have, therefore, been made to overcome “sickness” in these CPSEs through various measures.

3.8.2 Streamlining the mechanism of revival/ restructuring of Central Public Sector Enterprises (CPSEs) – winding up of BRPSE

- I. Multiple mechanisms exist for the restructuring / revival of sick/loss making CPSEs. Sick Industrial Companies as defined in the Sick Industrial Companies Act 1985 were referred to the Board for Industrial and Financial Reconstruction (BIFR), which suggested a restructuring plan.
- II. 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 to remove the multiple layers in decision making 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 wound up BRPSE vide notification dated 9th November, 2015 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.
- III. The Companies Act, 2013 Chapter XIX refers to Revival and Rehabilitation of Sick Companies where as Chapter XX refers to Winding up of the Companies. The decision whether a company has become a sick company would be taken by the National Company Law Tribunal. The Administrative Ministries/ Departments have to keep track of the debts of CPSEs and take advance action to avoid a situation where the CPSEs may be considered fit to be declared a 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.



4

Operational Information

4.1 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. However productivity is 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 goods 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 indicators in relation to CPSEs.

4.1.1 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 at Statement-16 of this Volume. The paragraphs below discuss enterprise-wise rated capacity and extent of utilization of some of the CPSEs under the various cognate groups.

4.1.1.1 Steel

The information on capacity utilization for the last three years in respect of four CPSEs is presented in the Table 4.1 below:-

Table 4.1: CPSE and product-wise details of capacity utilization (Steel)

Sl. No	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilization (%)		
				2017-18	2016-17	2015-16
1	Steel Authority of India Limited	Saleable Steel	17.85 Million Tonne	79	92	82
2	Ferro Scrap Nigam Ltd.	Processing of Scrap	11.90 lakh MT	97	99	97
3	Rashtriya Ispat Nigam Ltd.	Saleable steel	5566000 tonne	81	77	73
		Bar Products	10,18,667 tonne	120	117	117
		Pig Iron	556000 tonne	19	27	21
		Wire Rods	1450000 tonne	105	96	78
		Structural Products	10,96,000 tonne	104	89	94
4.	Mishra Dhatu Nigam Ltd.	Super alloys, Special Steels	5044 MT	83	85	100

(MT – Metric Tonne)

- Steel Authority of India Limited produced 14.1 Million Tonnes of Saleable Steel during 2017-18 as against the production of 13.90 Million Tonnes of Saleable Steel during the previous year.
- Ferro Scrap Nigam Limited processed 11.59 Lakh MT of scrap during 2017-18 as against 11.64 Lakh MT during the previous year.
- Rashtriya Ispat Nigam Limited produced 45,00,000 tonnes of Saleable Steel, 12,22,000 tonnes of Bar Products, 1,04,000 tonnes of Pig Iron, 15,22,000 tonnes of Wire Rods and 11,40,000 tonnes of Structural Products during 2017-18 as against the production of 38,47,000 tonnes of Saleable Steel, 9,90,000 tonnes of Bar Products, 1,50,000 tonnes of Pig Iron, 13,95,000 tonnes of Wire Rods and 8,29,000 tonnes of Structural Products during the previous year.
- Mishra Dhatu Nigam Limited produced 4,163MT of Super alloys and Special Steels during 2017-18 as against the 4,292 MT during the previous year.

4.1.1.2 Other Minerals and Metals

The information in respect of five CPSEs is presented in the Table 4.2 below: -

Table 4.2: CPSE and product-wise details of capacity utilization (Other Minerals and Metals)

S. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2015-16
1	Indian Rare Earths Ltd.	Ilmenite	5,10,000 Tonne	47	53	47
		Rutile	22,300 Tonne	43	48	44
		Zircon	32,500 Tonne	31	36	33
		Sillimanite	20,000 Tonne	117	120	94
		Garnet	30,000 Tonne	136	93	75
2	FCI Aravali Gypsum & Minerals Ltd	Gypsum	12,25,000MT	27	48	55
3	Hindustan Copper Limited	Copper Cathode	68,500 MT	38	38	92
		Copper Wire Rod	60,000 MT	37	30	43
4	KIOCL Limited	Iron Ore Pellets	3.53 Million Tonnes	66	42	3
5	NMDC Limited	Diamonds	101010.26 Carats	39	36	36
		Iron Ore	39.1 Million Tonnes	91	92	78

(MT – Metric Tonne)

- Indian Rare Earths Ltd. produced 2,40,354 tonne Ilmenite, 9,747 tonne Rutile, 10,011 tonne Zircon, 23,524 tonne Sillimanite and 40,994 tonne Garnet during the year 2017-18. The corresponding figures for the previous year were 2,79,966 tonne Ilmenite, 10,642 tonne rutile and 12,804 tonne Zircon, 24,089 tonne Sillimanite and 27,663 tonne Garnet.
- FCI Aravali Gypsum & Minerals (India) Limited produced 3,26,661 MT of Gypsum during 2017-18 as compared to 5,81,981 MT of Gypsum in 2016-17.
- Hindustan Copper Limited produced 25,949 MT of Copper Cathode and 22,211 MT of Copper Wire Rod during 2017-18 as compared to 16,450 MT of Copper Cathode and 18,098 MT of Copper Wire Rod in previous year.
- KIOCL Limited produced 2.33 Million Tonne of iron ore pellets during 2017-18 as compared to 1.46 Million Tonne in 2016-17.
- NMDC Limited produced 39,394 carats of Diamonds and 35.58 Million Tonnes of Iron Ore during the year 2017-18 as compared to 35636 Carats of Diamonds and 34.01 Million Tonne of Iron Ore in previous year.

4.1.1.3 Coal

The information on capacity utilization for the last three years in respect of eight CPSEs is presented in the Table 4.3 below:-

Table 4.3: CPSE and product-wise details of capacity utilization (Coal)

SI. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2015-16
1	Coal India Ltd.	Coal	582792.33 MT	134	52	42
2	Northern Coalfields Ltd.	Coal	94.5 Million Tonne	98	89	72
3	Central Coalfields Ltd.	Open Cast Mines	174 (MM ³)	78	103	116
4	Eastern Coalfields Ltd.	Coal	56.76 Million Tonne	77	77	94
5	South Eastern Coalfields Ltd.	Coal	164.44 Million Tonne	88	96	94
6	Western Coalfields Ltd.	Coal	57.99 Million	80	84	96
7	Bharat Coking Coal Ltd.	Raw Coal	46.05 Million Tonne	71	71	91
		Washed Coal	5.31 Million Tonne	15	25	23
8	Mahanadi Coalfield Ltd	Coal	17.46 Million Tonne	82	80	92

(MT- Metric Tonne)

- Coal India Limited produced 7, 81,000 Metric Tonne of coal in 2017-18 as compared to 6, 00,000 Metric Tonne in the previous year.
- Northern Coalfields Limited produced 93.02 MT of coal during the year 2017-18 as compared to 84.1 MT in the previous year.
- Central Coalfields Limited produced 63.41 Million Tonne of Raw Coal during the year 2017-18 as compared to 67.047 Million Tonne in the previous year.
- Eastern Coalfields Limited produced 43.57 MT of Coal during the year 2017-18 as compared to 40.52 MT in the previous year.
- South Eastern Coalfields Limited produced 144.71 Million Tonne of Coal during the year 2017-18 as compared 140 Million Tonne during the previous year.
- Western Coalfields Limited produced 46.220 Million Tonne of Coal during the year 2017-18 as compared to 45.632 Million Tonne during the previous year.
- Bharat Coking Coal Limited produced 32.607 MT of Raw Coal and 0.801 MT of Washed Coal during the year 2017-18 as against the production of 37.04 MT of Raw Coal and 1.182 MT of Washed Coal during the previous year
- Mahanadi Coalfield Limited produced 14.3 million tonne of Coal during 2017-18 against 13.92 million tonne in previous year.

4.1.1.4 Electricity Generation

last three years is given in the Table 4.4 below: -

The information in respect of eight CPSEs for the

Table 4.4: CPSE and product-wise details of capacity utilization (Electricity Generation)

Sl. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2016-15
1	NTPC Ltd.	Coal Based Station-Electricity	40,355 MW	78	79	79
		Gas Based station-Electricity	4017 MW	25	24	25
		Hydro Station-Electricity	800 MW	47	46	36
		Solar Power-Electricity	870 MW	18	18	17
2	NHDC Ltd.	Indira Sagar Power Station -Electricity	1,000 MW	88	93	91
		Omkareshwar power Station-Electricity	520 MW	96	95	97
3	North Eastern Electric Power Corporation Ltd.	Electricity	1,347 MW	90	83	83
4	Nuclear Power Corporation of India	Electricity	6,680 MW	70	80	75
5	NHPC Ltd.	Electricity	27029.41 MU	85	83	82
6	SJVN Ltd.	Electricity	1,912 MW	99	105	104
7	THDC India Ltd.	Electricity	1,513 MW	72	73	72
8	NLC India Ltd	Lignite	30.6 Million Tonne	82	90	83
		Thermal	3240 MW	72	74	76

(MU – Million Units, MW -Mega Watt)

- NTPC Limited generated 266 Billion Units of Electricity during 2017-18 as against 250 Billion Units during the previous year.
- NHDC Limited generated 1,325 Million Units of Electricity during 2017-18 as against 4,748 Million Units of Electricity during the previous year.
- North Eastern Electric Power Corporation Ltd. generated 6,166 Million Units of Electricity during 2017-18 as compared to

5,472 Million Units in the previous year.

- Nuclear Power Corporation of India Ltd. generated 38,336 Million Units of Electrical Power during 2017-18 as compared to 37,674 Million Units in the previous year.
- NHPC Limited generated 22975 Million Units of Electricity during 2017-18 as compared to 23275 Million Units in the previous year.
- SJVN Limited generated 9,223 MU of electricity during the year 2017-18 as compared to 9011 MU during the previous year.

- THDC India Limited generated 4,540 Million Units of Electricity during 2017-18 as compared to 4,430 Million Units in the previous year.
- NLC India Limited produced 25.15 MT of Lignite and 20541.27 MU of Thermal Power during the year 2017-18 as against the production of 27.62 MT of Lignite and 20,924.94 MU of Thermal Power during 2014-15

4.1.1.5 Petroleum (Refinery & Marketing)

The information in respect of six CPSEs for the last three years is given in the Table 4.5 below: -

Table 4.5: CPSE and product-wise details of capacity utilization Petroleum (Refinery & Marketing)

Sl. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2015-16
1	Mangalore Refinery and Petrochemicals Ltd.	Crude	15 MMT	108	108	104
2	Bharat Petroleum Corporation Ltd.	Petroleum/Petrochemical, Mumbai Refinery	12 MMTPA	117	113	112
		Petroleum/Petrochemical, Kochi Refinery	12.4 MMTPA	114	108	112
3	Indian Oil Corporation Ltd.	Crude	69.2 MMT	99.7	94	102
4	Chennai Petroleum Corporation Ltd.	ATF	779.78 TMT	102	89	82
		FO	1465.95 TMT	75	84	69
		Gasoline	950 TMT	117	116	101
		HSD	4,526 TMT	102	92	86
		LPG	400 TMT	83	77	75
		NAPHTHA	950 TMT	80	76	83

		SKO	450 TMT	43	76	72
5	Hindustan Petroleum Corpn. Ltd.	Petroleum Products	15,800 TMT	116	113	116
6	Numaligarh Refinery Ltd.	LPG, Petrochemical Grade Naphtha (Pcn), Fuel Grade	3000 TMTPA	94	89	84

(TMT – Thousand Metric Tonne; MMT – Million Metric Tonne; MT – Metric Tonne; TMTPA – Thousand Metric Tonne per Annum; KTA – Kilo Tonnes per Annum)

- Mangalore Refinery and Petrochemicals Ltd. processed 16.31 MMT crude as compared to 16.27 MMT in previous year.
- During 2017-18, Bharat Petroleum Corporation Ltd. processed 14.05 MMTPA of Petroleum/Petrochemicals from Mumbai Refinery, 14.09 MMTPA of Petroleum/Petrochemicals from Kochi Refinery as compared to 13.60 MMTPA of Petroleum/Petrochemicals from Mumbai Refinery, 11.79 MMTPA of Petroleum/Petrochemicals from Kochi Refinery respectively in previous year.
- Indian Oil Corporation Limited processed 69 MMT of crude during the year 2017-18 as compared to 65.19 MMT during the previous year.
- Chennai Petroleum Corporation Ltd. produced 795 TMT of ATF, 1094 TMT of FO, 1107 TMT of Gasoline, 4599 TMT of HSD, 333 TMT of LPG, 755 TMT of NAPHTHA and 192 TMT of SKO during the year 2017-18 as compared to 694 TMT of ATF, 1233 TMT of FO, 1105 TMT of Gasoline, 4,182 TMT of HSD, 306 TMT of LPG, 719 TMT of NAPHTHA and 340 TMT of SKO respectively in previous year.
- Hindustan Petroleum Corpn. Ltd. processed 18,276 TMT of crude during the year 2017-18 as compared to 17,814 TMT during the previous year.
- Numaligarh Refinery Ltd. produced 2809 TMTPA of LPG, NAPHTHA, MS, ATF, SKO, HSD, SULPHUR, WAX during the year 2017-18 as compared to 2,683 TMTPA during the previous year.

4.1.1.6 Fertilizers

The capacity utilization by the five CPSEs during the last 3 years is given in the Table 4.6 below:-

Table 4.6: CPSE and product-wise details of capacity utilization (Fertilizers)

Sl. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2015-16
1	Brahmaputra Valley Fertilizer Corporation Ltd.	Urea	5,10,000 MT	53	61	63
2	Madras Fertilizers	NPK	840,460 MT	7	6	9



	Ltd.	Urea	4,86,751 MT	86	96	84
		Bio Fertilizers	400 MT	21	28	69
3	National Fertilizers Ltd.	UREA	32,30,700 MT	118	118	118
4	Rashtriya Chemicals & Fertilizers Ltd.	Urea Thal	23,30,000 MT	107	108	106
		Suphala (15:15:15)	4,20,000 MT	114	111	110
		Ammonia-V	2,97,000 MT	130	120	127
		Ammonia	11,55,000 MT	113	115	114
		Urea Trombay	3,30,544 MT	136	128	107
5	Fertilizers & Chemicals (Travancore) Ltd.	Ammonium Sulphate	2,25,020 MT	80	68	35
		FACTAMFOS	638967 MT	105	101	83

(MT – Metric Tonne)

- Brahmaputra Valley Fertilizer Corporation Ltd. Produced 2, 69,586 MT of urea during 2017-18 as against the production of 3, 10,605 MT during the previous year.
- Madras Fertilizers Ltd. produced 62110 MT of NPK, 83 MT of Bio-fertilizers and 418898 MT of Urea during 2017-18. The corresponding production figures for the previous year were 48895 MT of NPK, 111 MT of Bio-fertilizers and 468438 MT of Urea.
- National Fertilizers Ltd. produced 38, 10,250 MT of urea during 2015-16 as against the production of 38, 10,054 MT of urea during the previous year.
- Rashtriya Chemicals & Fertilizers Ltd. produced 25,01,860 MT of Urea, 4,78,250

MT of Suphala, 3,85,070 MT of Ammonia-V, 13,04,200 MT of Ammonia during 2017-18 as against the production of 21,44,000 MT of Urea, 4,65,307 MT of Suphala, 3,56,747 MT of Ammonia-V, 13,30,700 MT of Ammonia during the previous year.

- Fertilizers & Chemicals (Travancore) Ltd. produced 180178 MT of Ammonium Sulphate and 670916 MT of FACTAMFOS during 2017-18 as against the production of 152953 MT of Ammonium Sulphate and 640321 MT of FACTAMFOS during the previous year.

4.1.1.7 Chemicals and Pharmaceuticals

The details of capacity utilization in respect of five CPSEs are given in Table 4.7 below:-

Table 4.7: CPSE and product-wise details of capacity utilization (Chemicals & Pharmaceuticals)

Sl. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2015-16
1	Hindustan Antibiotics Ltd.	Formulation	6,100 Lacs	15	1	3
2	Hindustan Fluorocarbons Ltd.	PTFE	500 MT	6	8	8
3	Hindustan Organic Chemicals Ltd.	Phenol, Acetone, H2O2 (Hydrogen Peroxide)	75125 MT	49	20	11
4	Karnataka Antibiotics & Pharmaceuticals Ltd.	Vials	618 lakhs	87	83	89
		Tablets	7580 lakhs	175	188	157
		Capsules	1000 lakhs	165	213	223
		Liquid Parenterals	528 lakhs	129	96	121
		Syrups & Suspension	66 lakhs	124	143	100
5	Brahmaputra Crackers & Polymer Ltd.	LLDPE/HDPE/	2,13,100	80	39	6
		PP	57,800	73	27	1

(MT – Metric Tonne)

- Hindustan Antibiotics Limited produced 890 lacs of Formulation during the year 2017-18. The comparative figures for the previous year were 80 lacs of Formulation
- Hindustan Fluorocarbons Ltd. produced 30 MT PTFE (Poly Tetra Fluoro ethylene) during 2017-18 as against the production of 41 MT during the previous year.
- Hindustan Organic Chemicals Ltd. produced 36808 MT of (Phenol, Acetone, and Hydrogen Peroxide) during the year 2017-18 as compared to 40808 MT of (Phenol, Acetone, Hydrogen Peroxide) during the previous year.
- Karnataka Antibiotics & Pharmaceuticals Ltd. produced 537 lakhs vials, 13252 lakhs tablets, 1648 lakhs capsules, 680 Liquid Parenterals and 82 Syrups & Suspension during 2017-18. The company produced 514 lakhs vials, 13178 lakhs tablets, 2131 lakhs capsules, 507 Liquid Parenterals and 94 Syrups & Suspension during 2016-17.
- Brahmaputra Crackers & Polymer Ltd. produced 2, 12,568 MT of LLDPE/HDPE/PP during 2017-18.

4.1.1.8 Heavy & Medium Engineering

The information in respect of fifteen CPSEs for last 3 years is given in table 4.8 below:-

Table 4.8: CPSE and product-wise details of capacity utilization (Heavy & Medium Engineering)

Sl. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilisation (%)		
				2017-18	2016-17	2015-16
1	Braithwaite & Co Ltd	Wagon	1200 Nos	44	65	45
		Bogie	1800 Nos	54	67	60
2	Bharat Heavy Electricals Ltd.	Boiler	8,31,664 MT	45	40	39
		Electrical Machines	2,259 Nos.	27	33	40
		Power Transformer	45,053 MVA	77	75	69
		Traction Machines	3,185 Nos.	67	48	52
		Turbine-ref hard copy	20,227 MW	29	40	22
3	BHEL Electrical Machines Ltd.	Rotating Electrical Machinery	168,750 KVA	22	42	69
4	Heavy Engineering Corpn. Ltd.	EOT Crane	6,940 Tons	10	42	55
		Mining Spares	2,000 Tons	32	32	25
		Steel plant items/Components	2,000 Tons	63	17	22
		Medium & Heavy Steel Casting	16,380.44 Tons	7	7	10
		Forging & Forged Rolls	9,830 Tons	17	9	13
		Machine Tools & Accessories	1,335 Tons	2	15	9
5	ITI Ltd.	SMPS	4,500 nos.	33	28	38
		ONT	60,000 nos.	55	51	N.A
		OLT	2,400 nos.	65	0	N.A
		Cable Assembly	75,000 nos.	94	80	10
		Space electronic Fabrication	2500 packages per year	93	55	54
6	Andrew Yule & Company Ltd.	Tea	112 Lakh KG	92	91	104
7	Rajasthan Electronics & Instruments Ltd.	Electronic Milk Analyzers	4,500 Nos.	236	225	212
		SPV Modules Systems	19,000 KW	59	49	39
		SPV Modules Systems	63,333 Nos.	126	111	102
		Wind Power	20,00,000 KWh	50	54	56

		Generation				
8	Balmer Lawrie & Co. Ltd.	Barrels And Drums	50.98 Lakhs	87	87	81
		Greases And Lubricants	69,240 MT	50	52	51
		Leather Chemicals	4,615 MT	151	143	198
9	Central Electronics Limited	Axle Counters	600 Nos.	131	128	109
		Phase Shifters	35,992 Nos.	167	126	100
		Solar PV Modules	27,894 MW	19	52	40
10	Cochin Shipyard Ltd.	Ship Building	1,50,000	100	101	101
11	Goa Shipyard Ltd.	Shipbuilding	3,992 SSU	88	119	123
12	Hindustan Shipyard Ltd.	Shipbuilding	34,409 CGT	46	56	48
13	Hindustan Aeronautics Ltd.	Manufacture of aircraft and helicopter and ROH	268 Lakh SMH	110	108	106
14	Mazagon Dock Ltd.	Warships and Submarines	1425 (shipbuilding In-house capacity in tons)	104	99.15	67.01
15	Garden Reach Shipbuilders & Engineers Ltd	Ship Building	5107 Tonne	55	28	87
		Deck Machinery & Pumps	706.67 No.	15	36	58
		General Engineering	5,897.26 MT	73	135	110
		Diesel Engine	3980 Nos.	15	4	2

(MT- Metric Tonne, KVA – Kilo Volt Ampere, MVA – Mega Volt Ampere, MW – Mega Watt; KW – Kilo Watt; MT – Metric Tonne; KW/h – Kilo Watt per Hour SSU – Standard Ship Unit; DWT – Dead Weight Tonnage; SMH – Standard Man Hours, CGT- Compensated Gross Tonnage)

- Braithwaite & Co. Ltd. constructed 530 Nos of Wagon and 970 Nos of Bogie during the year 2017-18. The corresponding figure during the previous year was 777 nos. and 1210 nos. respectively.
- Bharat Heavy Electricals Ltd. produced 3, 74,249 MT of Boilers, 610 Nos. Electrical Machines, 34,691 MVA of Power Transformer, 2,134 Nos. of Traction Machines and 5,866 MW of Turbine-ref hard copy during the year 2017-18. The Company produced 3, 33,375 MT of Boilers, 733 Nos. Electrical Machines, 33,756 MVA of Power Transformer, 1,542 Nos. of Traction Machines and 8,098 MW of Turbine-ref hard copy during the year previous.
- BHEL Electrical Machines Ltd. produced 37,125 KVA of Rotating Electrical Machinery during 2017-18. The company produced of 70,020 KVA of Rotating Electrical Machinery during previous year.
- Heavy Engineering Corpn. Ltd. produced 663.9 Tons of EOT Crane, 643.5 Tons of Mining Spares, 1265.3 Tons of Steel plant

items/Components, 1137.09 Tons of Medium & Heavy Steel Casting, 1651.01 Tons of Forging & Forged Rolls and 25.61 Tons of Machine Tool & Accessories during the year 2017-18. The Company produced 2,932 Tons of EOT Crane, 645 Tons of Mining Spares, 349 Tons of steel plant items/Components, 1189 Tons of Medium & Heavy Steel Casting, 884 Tons of Forging & Forged Rolls and 204 Tons of Machine Tools & Accessories during the year 2014-15.

- ITI Limited produced 1,495 Nos. SMPS (Switch Mode Power Supply) Modules, 32,707 Nos. ONT, 1548 OLT, 75,000 Nos. Cable Assembly and 2,361 Packages per year Space electronic Fabrication during 2017-18 as compared to 1,273 Nos. SMPS (Switch Mode Power Supply) Modules, 7,635 Nos. ONT, 3 OLT, 60,000 Nos. Cable Assembly and 1,362 Packages per year Space electronic Fabrication during 2016-17.
- Andrew Yule & Company Limited produced 103 Lakh Kg of tea during year 2017-18 as compared to 102 Lakh Kg of tea in the previous year.
- Rajasthan Electronics & Instrument Ltd produced 10,609 Nos. of EMA (Electronic Milk Analyser), 11,120 KWP of SPV (Solar Photo Voltaic) Modules Systems, 80,026 Nos. of SPV (Solar Photo Voltaic) Modules Systems and 9,91,875 KWh of Wind Power Generation during 2017-18 as against 10,127 Nos. of EMA, 9,350 KWP of SPV Modules Systems, 70,028 Nos. of SPV (Solar Photo Voltaic) Modules Systems, 10,76,579 KWh of Wind Power Generation in the previous year.
- Balmer Lawrie & Co. Ltd. produced 44.57 lakhs of Barrels and Drums, 34,593 MT of Greases and Lubricants and 6,977 MT of Leather Chemicals during the year 2017-18 as against the production of 44.38 lakhs of Barrels and Drums, 36,246 MT of Greases

And Lubricants and 6,611 MT of Leather Chemicals during the previous year 2016-17.

- Central Electronics Limited produced 790 Nos. Axle Counters, 60287 Nos. Phase Shifters and 5244 MW of Solar PV Modules during 2017-18 as against 770 Nos. Axle Counters, 45430 Nos. Phase Shifters and 14,672 MW of Solar PV Modules in the previous year.
- Cochin Shipyard Ltd. built 150000 DWT of ships during the year 2017-18 as compared to 151814 DWT in the previous year.
- Hindustan Shipyard Ltd. built 15,977 CGT of ships during the year 2017-18 as compared to 19,414 CGT in the previous year.
- Goa Shipyard Limited produced 3.50 standard ship units in 2017-18 as compared to 4.05 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 2017-18 was 295.84 lakh SMH as compared to 287.37 lakh SMH in the previous year.
- Mazagon Dock Ltd. built 1482 EFU of Warships and Submarines during the year 2017-18 as compared to 1413 EFU in the previous year.
- Garden Reach Shipbuilders & Engineers Ltd. produced 2,809 tons of Ship Building, 106 Nos. of Deck Machinery & Pumps, 4,305 MT of General Engineering and 597 Nos. of Diesel Engine during the year 2017-18 as against the production of 906 tons of Ship Building, 561 Nos. of Deck Machinery & Pumps, 4,848 MT of General Engineering and 376 Nos. of Diesel Engine in the previous year.

4.1.1.9 Industrial and Consumer Goods

The information relating to capacity utilization in

respect of seven CPSEs for the last 3 years is given in the Table 4.9 below:-

Table 4.9: CPSE and product-wise details of capacity utilization (Industrial and Consumer Goods)

Sl. No.	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilization (%)		
				2017-18	2016-17	2015-16
1	HLL Lifecare Ltd.	Condoms	1876 M.Pcs	98	98	95
		Blood Bags	12.50 M.Pcs	59	74	94
		Copper T	5.50 M.Pcs	43	67	108
		Steroidal OCPs	96.80 Million Cycles	45	35	45
		Pregnancy Test Card	26 M. Pcs.	48	48	33
		Suture	6 Lakh Dozens	22	34	32
		Non-Steroidal OCP	30 Million Tablets	138	110	99
		Sanitary Napkins	392 Million Pieces	64	70	58
		Suture	5.97 LDoz	22	34	32
2	Hindustan Newsprint Ltd.	Newsprint	100000 MT	67	92	101
3	Hindustan Salts Ltd.	Bromine	900 MT	37	37	29
		MCCL	7500 MT	48	27	-
4	Sambhar Salts Ltd.	Process Salt	90000	15	21	24
5	Security Printing and Minting Corpn. of India Ltd.	Circulation Coins	7,350 M.Pcs.	91	132	126
		Bank Notes	6,900 M.Pcs	134	127	104
		Non Judicial Stamp Paper	320 M.Pcs	81	81	90
		Passport and Allied Booklets	12.50 M.Pcs	93	125	122
		Security Paper	9000 (MT)	64	36	42
6	Artificial Limbs Mfg. Corpn. Of India	Aids and Appliances	2,55,601 Nos.	107	135	91
7	Cement Corporation of India Limited	Cement	3,898,000 MT	19	20	23

(M.Pcs – Million Pieces; MT – Metric Tonne; LDoz – Lakh Dozen)

- HLL Lifecare Ltd. (formerly Hindustan Latex Ltd.) produced 1,847 million pieces of condoms, 739 million pieces of blood bags, 2.38 million pieces of Copper T, 12.55 million pieces of pregnancy test cards, 43.78 Million Cycles of Steroidal OCPs, 1.31 LDoz of Suture, 41.37 Million tablets of Non-Steroidal OCP and 251.93 Million Pieces of Sanitary Napkins during the year 2017-18 as compared to 1846.63 million pieces of condoms, 9.26 million pieces of blood bags, 3.70 million pieces of Copper T, 12.55 million pieces of pregnancy test cards, 34.91 Million Cycles of Steroidal OCPs, 2.03 LDoz of Suture, 32.96 Million tablets of Non-Steroidal OCP and 276.32 Million pieces of Sanitary Napkins in the previous year.
- Hindustan Newsprint Ltd. produced 67,385 MT of newsprint during the year 2017-18 as compared to 91,831 MT during the previous year.
- Hindustan Salts Ltd. produced 330 MT Bromine and 3,600 MT MCCL during the year 2017-18 as compared to 329 MT Bromine and 2,059 MT MCCL during the previous year.
- Samber Salts Ltd. produced 13457 MT Process Salt during the year 2017-18 as compared to 19065 MT Process Salt during the previous year.
- Security Printing and Minting Corporation of India Ltd. produced 6,703 Million pieces of Circulation Coins, 9,219 Million pieces of Bank Notes, 11.61 Million pieces Passport and Allied Booklets and 259 Million pieces of Non-Judicial Stamp Paper and 5,779 Metric Ton of Security Paper during the year 2017-18 as compared to 958 Million pieces of Circulation Coins, 8785 Million pieces of Bank Notes, 15.58 Million pieces Passport and Allied Booklets and 259 Million pieces of Non-Judicial Stamp Paper and 3200 Metric Ton of Security Paper during the previous year.
- Artificial Limbs Mfg. Corpn. Of India produced 272907(tri cycles, wheelchairs, crutches and hearing ages) pieces of during the year 2017-18 as compared to 344021 pieces of tri cycles, wheelchairs, crutches and hearing ages during the previous year.
- Cement Corporation of India Limited produced 7, 53,075 MT of cement during the year 2017-18 as compared to 7, 90,531 MT during the previous year.

4.1.1.10 Textiles

The Information on capacity utilization for the last three years in respect of one CPSE is presented in the Table 4.10 below:-

Table 4.10: CPSE and product-wise details of capacity utilization (Textiles)

SI. No	CPSE	Product	Installed Capacity (2017-18)	Capacity Utilization (%)		
				2017-18	2016-17	2015-16
1	National Textile Corpn. Ltd.	Yarn and Cloth	602.45 KGS and Mtrs	88	85	87

- National Textile Corpn. Ltd. produced 527.81 KGS and Mtrs of Yarn and Cloth during 2017-18 as against 521.95 KGS and Mtrs. during the previous year.

4.1.1.11 Crude Oil

Information relating to production and capacity utilization in respect of two CPSEs for the last 3 years is given in the Table 4.11 below:-

Table 4.11: CPSE and product-wise details of capacity utilization (Crude Oil)

SI. No.	CPSE	Product	Unit	Production		
				2017-18	2016-17	2015-16
1	Oil and Natural Gas Corporation Ltd.	Crude Oil	MT	2,54,34,914	2,55,34,311	2,59,27,483
		Natural Gas	CUM	2,46,09,502	2,32,69,961	2,25,29,541
		LPG	MT	11,86,654	13,54,700	11,95,162
		Naphtha	MT	11,76,294	11,01,231	10,42,624
		Ethane-Propane	MT	3,55,723	4,20,585	3,74,701
2	ONGC Videsh Limited	Crude Oil	MMT	9.353	8.434	5.510
		Natural Gas	CUM	4.811	4.369	3.406

(MMT – Million Metric Tonne; CUM – Cubic Metre; KL – Kilo Litre; MT – Metric Tonne)

- Oil and Natural Gas Corporation Ltd. produced 2,54,34,914 MT of Crude Oil, 2,46,09,502 CUM of Natural Gas, 11,86,654 MT of LPG, 11,76,294 MT of Naphtha and 3,55,723 MT of Ethane Propane during 2015-16 as against 2,55,34,311 MT of Crude Oil, 2,32,69,961 CUM of Natural Gas, 13,54,700 MT of LPG, 11,01,231 MT of Naphtha and 4,20,585 Mt of Ethane Propane during the previous year.
- ONGC Videsh Limited produced 9.353 MMT of Crude Oil and 4.811 BCM of Natural Gas during 2017-18 as against 8.434 MMT of Crude Oil and 4.369 BCM of Natural Gas during the previous year.

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 has been increasing / decreasing over the years. The inventory level, which was 58 days cost of production / inventory turnover ratio as on 31.3.1999, had declined to 42 days of cost of production / inventory turnover ratio as on 31.3.2004. However during last 14 years the inventory level has been increasing again and as on 31.03.2018 it was 46 days. The overall position of inventory management during the last 20 years is depicted in the Table 4.12 given below:-

4.1.2 Inventory Management

4.1.2.1 Overall Analysis

Inventory is essential ingredient for companies to support their production line and customer

Table 4.12 Inventory Details

Year ending	Value of Inventory (Rs. in crore)	Cost of Production (Rs. in crore)	Inventory Turnover Ratio	Inventory in No. of days
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	215891	1589823	7.36	50
31.3.2016	179714	1341236	7.46	49
31.3.2017	218918	1582775	7.23	50
31.3.2018	221165	1759628	7.96	46

The above figures do not include inventory held by the Food Corporation of India, Cotton Corporation of India Ltd. and Jute Corporation of India as these three (3) Corporations make large scale purchases and maintain stocks. Further, the public sector enterprises operating in Contract & Construction and Tech. Consultancy Services, Hotel and Tourist Services and Financial Services have also been excluded from the review in this chapter.

4.1.2.2 Cognate 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 4.13 below shows the level of inventory position in CPSEs cognate group wise during the last two years.

Table 4.13 Group-wise Inventory Analysis

Cognate Groups	Inventory as on 31.03.2017		Inventory as on 31.03.2018	
	Value (Rs. in crore)	Level of Inventory in No. of days	Value (Rs. in crore)	Level of Inventory in No. of days
(a) Agriculture Sector				
1. Agro-based Industries	223.01	68	520.03	189
For Agriculture Sector	223.01	68	520.03	189
(b) Mining & Exploration Sector				
1. Coal	8935.89	44	6435.42	29
2. Crude Oil	8272.46	40	8834.32	40
3. Other Minerals & Metals	3475.80	72	3395.13	58
For Mining Sector	20684.15	45	18659.57	37
(c) Manufacturing, Processing and Generation Sector				

1. Chemicals & Pharmaceuticals	1043.03	47	1216.99	49
2. Industrial and Consumer Goods	2447.25	105	3107.92	155
3. Fertilizers	2180.47	45	2024.78	38
4. Heavy and Medium Engineering	42412.45	213	38428.36	192
5. Petroleum (Refinery & Mktg.)	109489.84	41	115908.64	39
6. Steel	20687.90	113	22870.88	114
7. Textiles	303.48	69	334.84	81
8. Transportation Vehicle & Equipment	1974.46	262	1799.51	211
9. Power Generation	10080.88	43	9392.07	37
For Manufacturing, Processing and Generation Sector	190619.76	58	195083.99	53
(d) Services Sector				
1. Telecommunication & Information Technology	227.36	2	247.48	2
2. Trading & Marketing Services	2765.79	28	76446.58	162
3. Transport and Logistic Services	3491.34	14	3625.97	13
2. Power Transmission	906.99	30	1049.34	0
For Services Sector	7391.48	14	6901.75	11
For All Cognate Groups	218918.40	57	297675.00	56

It can be seen that lowest inventory is in Service sector followed by Mining & Exploration Sector, Manufacturing, Processing and Generation Sector and Agriculture sector.

The level of inventory has gone down in 10 cognate groups namely Heavy & Medium Engineering, Coal. Other Minerals & Metals, Trading & Marketing, Fertilizers, Power Generation, Petroleum (Refinery & Marketing), Power Transmission, Transport, Logistic Services and Crude oil. However in case of 6 groups namely Telecommunication & Information Technology, Steel, Chemicals & Pharmaceuticals, Textiles, Industrial and Consumer Goods and Agro Based

Industries there is increase in the level of inventory in terms of number of days cost of production / inventory turnover ratio. Overall level of inventory which was 57 days cost of production/ inventory turnover ratio during 2016-17 has gone down to the level of 56 days cost of production/ inventory turnover ratio during 2017-18.

A. Agro-Based Industries

The value of inventory held by 3 enterprises belonging to this group was Rs. 520.03 crore at the end of 2017-18 as compared to Rs. 223.01 crore at the end of the previous year. The level of inventory was at the level of 189 days at the end of 2017-18 as compared to 68 days at the end of previous year.

The enterprise wise break-up of inventory is given in the Table 4.14 below:-

Table 4.14: CPSE-wise details of Inventory (Agro-based Industries)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crore)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1	Andaman & Nicobar Isl. Forest & Plant. Dev. Corporation Ltd.	1.39	1.39	26.17	26.17	19	19
2	HPCL Biofuels Ltd.	49.37	188.37	354.2	157.47	51	437
3	National Seeds Corporation Ltd.	172.25	330.27	815.41	822.09	77	147
Sub Total :		223.01	520.03	1195.78	1005.73	68	189

Of the 3 public enterprises under this group the level of inventory increased in the case of two (2) public enterprises. There is no change in information in respect of one (1) CPSE namely Andaman & Nicobar Isl. Forest & Plant. Dev. Corp. Ltd.

B. Power Generation

The value of inventory held by 12 electricity generating enterprises as on 31.3.2018 was Rs. 9392.07 crore as compared to Rs. 10080.88 crore at the end of previous year. The level of inventory was 37 days as on 31.3.2018 as against 43 days as on 31.3.2017. The enterprise wise break-up of inventory is given in the Table 4.15 below:

Table 4.15: CPSE-wise details of Inventory (Power Generation)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1	NTPC Ltd.	6504.81	6057.38	62646.07	68331.24	38	32
2	NLC India Ltd.	1813.24	1688.9	6824.02	6296.84	97	98
3	Nuclear Power Corpn. of India Ltd.	851.38	886.15	6595.81	7093.25	47	46
4	NLC Tamil Nadu Power Ltd.	522.76	400.51	2018.94	2268.67	95	64
5	North Eastern Electric Power Corporation Ltd.	134.36	91.04	1039.61	1180.53	47	28
6	NHPC Ltd.	91.64	95.77	4181.02	3976.97	8	9
7	SJVN Ltd.	39.56	50.5	1200.27	854.88	12	22
8	Kanti Bijlee Utpadan Nigam Ltd.	34.83	50.73	419.14	818.82	30	23

9	THDC India Ltd.	32.64	30	979.4	1084.43	12	10
10	Bhartiya Rail Bijlee Co. Ltd.	13.94	28.83	48.19	425.93	106	25
11	Patratu Vidyut Utpadan Nigam Ltd.	32.55	3.35	177.33	3.34	67	366
12	NHDC Ltd.	9.17	8.91	339.05	315.26	10	10
SUB TOTAL :		10080.88	9392.07	86468.85	92650.16	43	37

Of the 12 public enterprises under this group, seven (7) public enterprises could reduce the level of inventory during 2017-18 as compared to the previous year while in the case of another four (4) public enterprises, there has been increase in the level of inventory. In case of one (1) public enterprise viz. NHDC Ltd., there is no change.

C. Power Transmission

The value of inventory held by 9 electricity generating enterprises as on 31.3.2018 was Rs. 1049.34 crore as compared to Rs. 906.99 crore at the end of previous year. The level of inventory was 29 days as on 31.3.2018 as against 30 days as on 31.3.2017. The enterprise wise break-up of inventory is given in the Table 4.16 below:

Table 4.16: CPSE-wise details of Inventory (Power Transmission)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)		Inv./CP*365			
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1	NTPC Electric Supply Company Ltd.	0	0	0.16	0	0	0
2	POWERGRID Corporation of India Ltd.	906.95	1038.45	10703.11	12698.81	31	30
3	POWERGRID Warora Transmission Ltd.	0	0	0.38	12.33	0	0
4	POWERGRID Kala AmB Transmission Ltd.	0	0	0	13.34	0	0
5	POWERGRID NM Transmission Ltd.	0	0	25.92	63.45	0	0
6	POWERGRID Unchahar Transmission Ltd.	0	0	2.2	4.34	0	0
7	POWERGRID Transmission Ltd.	0	10.89	47.74	75.63	0	53
8	REC Power Distribution Co. Ltd.	0.04	0	130.9	149.39	0	0
9	REC Transmission Projects Co. Ltd.	0	0	2.22	5.94	0	0
Sub Total :		906.99	1049.34	10912.63	13023.23	30	29

Of the 9 public enterprises under this group, one (1) public enterprise could reduce the level of inventory during 2017-18 as compared to the previous year while in the case of one (1) public enterprise, there has been increase in the level of inventory. Seven (7) CPSEs have shown level of inventory as Nil.

D. Chemicals & Pharmaceuticals

The value of inventory held by 17 enterprises belonging to this group as on 31.3.2018 was Rs.1216.99 crore representing 49 days cost of production as compared to Rs. 1043.03 crore representing 47 days of inventory as on 31.3.2017. The enterprise wise inventory position for last two years is given in Table 4.17 below:-

Table 4.17: CPSE-wise details of Inventory (Chemicals & Pharmaceuticals)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Bengal Chemicals & Pharmaceuticals Ltd.	14.67	19.7	89.41	75.69	60	95
2.	Bharat Immunologicals & Biologicals Corp. Ltd.	0.37	1.72	112.46	43.42	1	14
3.	Brahmaputra Crackers & Polymer Ltd.	377.74	412.69	1282.25	1831.13	108	82
4.	Goa Antibiotics & Pharmaceuticals Ltd.	5.99	4.63	65.63	52.35	33	32
5.	HIL (India) Ltd.	87.46	84.28	347.83	393.34	92	78
6.	Hindustan Antibiotics Ltd.	7.79	16.24	70.15	77.06	41	77
7.	Hindustan Fluorocarbons Limited	5.37	5.39	39.1	41.24	50	48
8.	Hindustan Organic Chemicals Ltd.	43.92	57.31	310.3	433.49	52	48
9.	HLL Biotech Ltd.	1.46	2.98	9.26	26.83	58	41
10.	IDPL (Tamilnadu) Ltd.	2.13	2.13	7.8	7.8	100	100
11.	Indian Drugs & Pharmaceuticals Ltd.	12.61	11.4	80.66	54.18	57	77
12.	Indian Medicines & Pharmaceutical Corpn. Ltd.	22.67	16.85	62.06	84.62	133	73
13.	Indian Vaccine Corp. Ltd.	0	0	0.74	0.67	0	0
14.	Karnataka Antibiotics & Pharmaceuticals Ltd.	53.52	51.41	328.28	333.02	60	56
15.	ONGC Mangalore Petrochemicals Ltd.	397.79	520.72	5300.21	5645.55	27	34
16.	Orissa Drugs & Chemicals Ltd.	4.54	4.54	13.05	13.05	127	127
17.	Rajasthan Drugs & Pharmaceuticals Ltd.	5	5	38.89	38.89	47	47
	Sub Total :	1043.03	1216.99	8158.08	9152.33	47	49

Of the 17 public enterprises, the level of inventory increase in five (5) CPSEs during 2017-18 as compared to the previous year while in case of eight (8) public enterprises there has been reduction in the level of inventory. There is no change in case of four (4) CPSEs during the year.

E. Industrial and Consumer Goods

13 enterprises belonging to this group held an inventory valued at Rs. 3107.92 crore representing 155 days of inventory during the year 2017-18 as against an inventory valued at Rs. 2447.25 crore held by them during the previous year representing 105 days. The enterprise wise break-up of inventory is given in the Table 4.18 below.

Table 4.18: CPSE-wise details of Inventory (Industrial and Consumer Goods)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Andrew Yule & Company Ltd.	46.7	50.76	421.67	359.6	40	52
2.	Artificial Limbs Mfg. Corpn. of India	43	56.32	190.96	193.78	82	106
3.	Cement Corpn. of India Ltd.	133.52	139.55	399.77	371.74	122	137
4.	Hindustan Newsprint Ltd.	51.62	49.84	417.26	363.35	45	50
5.	Hindustan Paper Corporation Ltd.	189.84	189.84	744.61	744.61	93	93
6.	Hindustan Photo Films Manufacturing Co. Ltd.	7.58	7.58	37.39	37.39	74	74
7.	Hindustan Salts Ltd.	2.22	1.96	9.94	8.46	82	85
8.	HLL Lifecare Ltd.	153.66	173.92	1070.28	1125.74	52	56
9.	Hooghly Printing Company Ltd.	1.22	0.28	15.61	12.24	29	8
10.	Nagaland Pulp & Paper Company Ltd.	0.19	0.19	10.21	10.21	7	7
11.	NEPA Ltd.	11.54	10.12	86.38	57.87	49	64
12.	Sambhar Salts Ltd.	9.86	10.94	22.11	16.87	163	237
13.	Security Printing & Minting Corpn. India Ltd.	1796.3	2416.62	5070.76	4012.92	129	220
Sub Total :		2447.25	3107.92	8496.95	7314.78	105	155

The level of inventory has reduced in one (1) public enterprise during 2017-18 and increased in nine (9) public enterprises, whereas there is no change in case of three (3) CPSEs namely Hindustan Paper Corporation Ltd, Nagaland Pulp & Paper Company Ltd. and Hindustan Photo Films Manufacturing Co. Ltd.

F. Fertilizers

There were 7 enterprises engaged in the production of fertilizers. The value of inventory held by them as on 31.3.2018 was Rs. 2024.78 crore representing 38 days of inventory as compared to an inventory value of Rs. 2180.47 crore representing 45 days at

the end of previous year. The enterprise wise break-up of inventory is given in the Table 4.19 below:

Table 4.19: CPSE-wise details of Inventory (Fertilizers)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crore)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Brahmaputra Valley Fertilizer Corpn. Ltd.	60.57	49.79	455.14	445.63	49	41
2.	Fertilizer Corpn. of India Ltd.	8.79	8.79	53.15	27.07	60	119
3.	Fertilizers & Chemicals (Travancore) Ltd.	429.11	478.75	1859.33	1779.12	84	98
4.	Hindustan Fertilizer Corpn. Ltd.	0	0	4.71	17.13	0	0
5.	Madras Fertilizers Ltd.	313.55	219.86	1354.16	1633.64	85	49
6.	National Fertilizers Ltd.	575.15	525.94	7173.23	8499.91	29	23
7.	Rashtriya Chemicals and Fertilizers Ltd.	793.3	741.65	6948.44	7188.94	42	38
Sub Total :		2180.47	2024.78	17848.16	19591.44	45	38

The level of inventory in four (4) CPSEs has reduced during 2017-18 and increased in two (2) CPSEs during the year whereas there is no change in case of Hindustan Fertilizer Corpn. Ltd.

production as on 31.3.2018 as against a total inventory valued at Rs. 42412.45 crore representing 213 days as on 31.3.2017. The enterprise wise break-up of inventory is given in the Table 4.20 below:-

G. Heavy & Medium Engineering

The value of inventory held by the 36 public enterprises belonging to this group was Rs. 38428.36 crore representing 192 days cost of

Table 4.20: CPSE-wise details of Inventory (Heavy & Medium Engineering)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Balmer Lawrie & Co. Ltd.	151.70	136.63	1642.52	1564.79	34	32
2.	BEL Optronics Devices Ltd.	29.51	31.96	129.20	121.62	83	96
3.	BEL-Thales Systems Ltd.	0	0.02	4.77	8.93	0	1
4.	Bharat Dynamics Ltd.	2240.42	1925.87	4380.07	3983.06	187	176
5.	Bharat Electronics Ltd.	4855.76	4587.72	7570.25	8651.88	234	194

6.	Bharat Heavy Electricals Ltd.	7372.38	6258.76	29487.30	27914.49	91	82
7.	Bharat Pumps & Compressors Ltd.	48.28	48.28	132.98	132.98	133	133
8.	Bharat Wagon & Engg. Co. Ltd.	6.78	6.78	20.82	20.82	119	119
9.	BHEL Electrical Machines Ltd.	7.33	4.39	37.43	21.33	71	75
10.	Braithwaite & Co. Ltd.	32.45	26.12	153.28	126.14	77	76
11.	Burn Standard Company Ltd.	57.02	57.02	218.27	218.27	95	95
12.	Central Electronics Ltd.	67.72	50.98	253.17	190.57	98	98
13.	Cochin Shipyard Ltd.	186.47	314.56	1713.57	1928.01	40	60
14.	Electronics Corpn. of India Ltd.	281.62	581.17	1417.08	1345.19	73	158
15.	Garden Reach Shipbuilders & Engineers Ltd.	485.89	508.66	1117.07	1390.31	159	134
16.	Goa Shipyard Ltd.	470.23	107.39	923.12	1121.13	186	35
17.	Heavy Engineering Corpn. Ltd.	128.18	105.11	478.34	523.98	98	73
18.	Hindustan Aeronautics Ltd.	21340.39	19375.18	16004.65	16056.98	487	440
19.	Hindustan Cables Ltd.	1.62	1.62	371.93	371.93	2	2
20.	Hindustan Shipyard Ltd.	83.98	77.46	565.59	498.01	54	57
21.	HMT Bearings Ltd.	3.54	0.04	0	0	0	0
22.	HMT Chinar Watches Ltd.	0	0	0	0	0	0
23.	HMT Ltd.	18.58	19.67	64.05	26.31	106	273
24.	HMT Machine Tools Ltd.	112.50	105.41	299.76	275.83	137	139
25.	HMT Watches Ltd.	9.10	4.86	0	0	0	0
26.	Hooghly Dock and Port Engineers Ltd.	95.00	9.83	8.91	90.25	3892	40
27.	I T I Ltd.	142.29	155.9	1669.71	1427.65	31	40
28.	Instrumentation Ltd.	34.98	34.98	132.53	132.53	96	96
29.	Mazagon Dock Shipbuilders Ltd.	4028.65	3785.97	3454.15	4313.23	426	320
30.	Naini Aerospace Ltd.	0	0	1.97	13.14	0	0
31.	Rajasthan Electronics and Instruments Ltd.	21.58	21.09	213.83	237.51	37	32
32.	Richardson & Cruddas(1972) Ltd.	2.38	2.38	30.98	30.98	28	28
33.	SAIL Refractory Company Ltd.	24.73	27.63	113.87	114.9	79	88
34.	Scooters India Ltd.	66.06	46.77	120.78	75.14	200	227
35.	Tungabhadra Steel Products Ltd.	0	0	0	0	0	0
36.	Vignyan Industries Ltd.	5.33	8.15	32.92	29.74	59	100
Sub Total :		42412.45	38428.36	72764.87	72957.63	213	192

Of the 36 public enterprises, twelve (12) CPSEs could reduce the level of inventory during 2017-18 as compared to the previous year while in the case of twelve (12) enterprises there has been increase in

the level of inventory. There is no change in case of twelve (12) CPSEs during the year.

H. Petroleum (Refinery & Marketing)

There are 6 enterprises operating in Petroleum (Refinery & Marketing) sector as on 31.3.2018. These enterprises have inventory valued at Rs. 115908.6 crore as on 31.3.2018 as compared to Rs. 109489.8 crore at the end of previous year.

The level of inventory was 39 days cost of production as on 31.3.2018 as against 41 days as on 31.3.2017. The enterprise wise break-up of inventory is given in the Table 4.21 below:-

Table 4.21: CPSE-wise details of Inventory Petroleum (Refinery & Marketing)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Bharat Petroleum Corp. Ltd.	19798.01	20873.75	233109.8	268141.8	31	28
2.	Chennai Petroleum Corporation Ltd.	3207.13	4759.22	39009.76	42448.15	30	41
3.	Hindustan Petroleum Corp. Ltd.	18576.28	18420.22	205761.4	236165.9	33	28
4.	Indian Oil Corporation Ltd.	62240.87	65313.21	419875.9	473829.5	54	50
5.	Mangalore Refinery & Petrochemicals Ltd.	4039	4734.72	55402.38	59471.16	27	29
6.	Numaligarh Refinery Ltd.	1628.55	1807.52	11147.22	12894.58	53	51
Sub Total :		109489.8	115908.6	964306.5	1092951	41	39

Of the 6 public enterprises, four (4) could reduce the level of inventory during 2017-18 as compared to the previous year while in the case of two (2) enterprises, there has been increase in the level of inventory.

22870.88 crore at the end of 2017-18 as compared to Rs. 20687.9 crore held by them at the end of 2016-17. The level of inventory has increased to 114 days cost of production at the end of the year 2017-18 as compared to 113 days at the end of 2016-17. The enterprise wise break-up of inventory is given in the Table 4.22 below:

I. Steel

The value of inventory held by 4 enterprises was Rs.

Table 4.22: CPSE-wise details of Inventory (Steel)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Ferro Scrap Nigam Ltd.	3.66	4.16	291.3	327.18	5	5
2.	Mishra Dhatu Nigam Ltd.	206.04	241.38	642.06	494.85	117	178
3.	Rashtriya Ispat Nigam Ltd.	4766.85	5628.67	13601.78	15304.5	128	134
4.	Steel Authority of India Ltd.	15711.35	16996.67	52409.01	57409.43	109	108
Sub Total :		20687.9	22870.88	66944.15	73535.96	113	114

Out of 4 public enterprises in this group, the level of inventory increased in two (2) companies in year 2017-18 as compared to previous year while in the case of one (1) enterprise there has been increase and in another one (1) CPSE, there is no change in the level of inventory.

J. Textiles

There are 4 enterprises in Textiles sector as on 31.3.2018. The value of inventory held by enterprises belonging to this group was Rs.334.84 crore at the end of 2017-18 as compared to an inventory of Rs. 303.48 crore at the end of previous year. The level of inventory was 81 days cost of production during the year 2017-18 and 69 days at the end of previous year. The enterprise wise break-up of inventory is given in the Table 4.23 below:

Table 4.23: CPSE-wise details of Inventory (Textiles)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Birds Jute & Exports Ltd.	0.1	0.1	3.83	3.83	10	10
2.	British India Corporation Ltd.	4.02	4.02	39.08	39.08	38	38
3.	National Jute Manufactures Corporation Ltd.	6.27	6.27	19.26	8.72	119	262
4.	National Textile Corpn. Ltd.	293.09	324.45	1544.49	1462.63	69	81
Sub Total :		303.48	334.84	1606.66	1514.26	69	81

Out of 4 public enterprises in this group, the level of inventory increased in two (2) enterprises in year 2017-18 as compared to previous year while in the case of two (2) enterprises there has been no change in the level of inventory.

K. Transportation Vehicle & Equipment

One public enterprise is engaged in the production of transportation equipment. The value of inventory held by BEML was Rs 1799.51 crore during the year 2017-18 as against Rs. 1974.46 crore during 2016-17. The level, which was 262 days cost of production at the end of previous year, has further down to 211 days at the end of 2017-18. The detail of inventory is given in the Table 4.24 below:

Table 4.24: CPSE-wise details of Inventory (Transportation Vehicle & Equipment)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	BEML LTD.	1974.46	1799.51	2751.02	3118.45	262	211
Sub Total		1974.46	1799.51	2751.02	3118.45	262	211

L. Coal

The value of inventory held by 8 public enterprises belonging to this group as on 31.3.2018 was Rs. 6435.42 crore as compared to Rs. 8935.89 crore at

the end of previous year. The level of inventory was 29 days cost of production as on 31.3.2018 as compared to 44 days at the end of previous year. The enterprise wise break-up of inventory is given in the Table 4.25 below:

Table 4.25: CPSE-wise details of Inventory (Coal)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crore)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Bharat Coking Coal Ltd.	1289.47	1028.79	9261.71	10274.64	51	37
2.	Central Coalfields Ltd.	2096.26	1349.23	9625.38	10780.38	79	46
3.	Coal India Ltd.	68.44	21.39	941.93	884.43	27	9
4.	Eastern Coalfields Ltd.	603.3	544.53	10770.45	12780.01	20	16
5.	Mahanadi Coalfields Ltd.	322.13	474.76	9537.61	8483.93	12	20
6.	Northern Coalfields Ltd.	1091.01	712.05	8800.84	9202.99	45	28
7.	South Eastern Coalfields Ltd.	1700.07	975.12	16882.41	17017.36	37	21
8.	Western Coalfields Ltd.	1765.21	1329.55	8774.47	11660.61	73	42
Sub Total :		8935.89	6435.42	74594.8	81084.35	44	29

The value of inventory has decreased in seven (7) public enterprises during 2017-18 as compared to the previous year and increased in the case of one (1) public enterprise.

M. Crude Oil

There are 5 enterprises operating in Crude Oil sector as on 31.3.2018. These companies had

inventory valued at Rs. 8834.32 crore as on 31.3.2018 as compared to Rs. 8272.46 crore at the end of previous year. The level of inventory was 40 days cost of production during last two years. The enterprise wise break-up of inventory is given in the Table 4.26 below:-

Table 4.26: CPSE-wise details of Inventory (Crude Oil)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crore)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Bharat Petro Resources Ltd.	0	0.93	186.43	109.9	0	3
2.	Oil & Natural Gas Corporation Ltd.	6165.32	6688.91	59146.82	62486.71	38	39
3.	Oil India Ltd.	1096.47	1078.26	7496.31	8015.16	53	49
4.	ONGC Videsh Ltd.	1009.96	1065.51	8451.86	10115.02	44	38
5.	Prize Petroleum Company Ltd.	0.71	0.71	32.66	15.07	8	17
Sub Total :		8272.46	8834.32	75314.08	80741.86	40	40

Out of 5 public enterprises in this group, two (2) enterprises could reduce the level of inventory during 2017-18 as compared to the previous year. In case of three (3) CPSEs, inventory level has increased.

N. Other Minerals & Metals

There were 11 enterprises operating in this group.

The value of inventory held by these enterprises during the year 2017-18 was Rs. 3389.83 crore representing 58 days cost of production as compared to the value of inventory of Rs. 3475.8 crore representing 72 days of inventory during previous year. The enterprise wise break-up of inventory is given in the Table 4.27 below:

Table 4.27: CPSE-wise details of Inventory (Other Minerals & Metals)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	FCI Aravali Gypsum & Minerals (India) Ltd.	3.6	1.88	32.11	32.93	41	21
2.	Hindustan Copper Ltd.	821.87	788.61	1234.66	1603.64	243	179
3.	Indian Rare Earths Ltd.	128.78	141.28	520.3	490.68	90	105
4.	J & K Mineral Development Corpn. Ltd.	0	0	1.33	1.36	0	0
5.	KIOCL Ltd.	163.17	232.76	1052.46	1697.86	57	50
6.	MOIL Ltd.	122.17	97.28	749.07	853.26	60	42
7.	National Aluminium Company Ltd.	1155.93	1194.08	7450.73	8701.26	57	50
8.	NMDC Ltd.	540.04	571.69	5424.01	6062.18	36	34
9.	Orissa Mineral Development Company Ltd.	23.24	23.24	50.82	50.82	167	167
10.	The Bisra Stone Lime Company Ltd.	0.77	0.77	53.1	53.1	5	5
11.	Uranium Corporation Of India Ltd.	516.23	338.24	999.29	1629.14	189	76
Sub Total :		3475.8	3389.83	17567.88	21176.23	72	58

Of the 11 public enterprises, seven (7) enterprises could reduce the level of inventory during 2017-18 as compared to the previous year. There are no change in three (3) CPSEs during the year and in case of one (1) CPSE inventory level has increased.

O. Telecommunication & Information Technology

There were 8 public sector enterprises operating in

this group and held an inventory valued at Rs. 247.48 crore as on 2017-18 as compared to Rs. 227.36 crore at the end of the previous year. There is no change in level of inventory in 2017-18 as compared to last year. The enterprise wise break-up of inventory is given in the Table 4.28 below:-

Table 4.28: CPSE-wise details of Inventory (Telecommunication & Information Technology)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	Bharat Broadband Network Ltd.	0	0	77.79	305.51	0	0
2.	Bharat Sanchar Nigam Ltd.	204.73	212.41	36179.86	33760.49	2	2
3.	Mahanagar Telephone Nigam Ltd.	15.07	24.61	5049.45	4584.38	1	2
4.	Millennium Telecom Ltd.	0	0	4.65	6.28	0	0
5.	National Informatics Centre Services Incorporated	0	0	1216.38	1285.78	0	0
6.	Rail Tel Corporation India Ltd.	0.22	0	709.68	829.19	0	0
7.	Rail Tel Enterprises Ltd.	0	0	15.75	2.88	0	0
8.	Telecommunications Consultants (India) Ltd.	7.34	10.46	1117.18	1190.89	2	3
Sub Total :		227.36	247.48	44370.74	41965.4	2	2

Of the 8 public enterprises in Telecommunication & Information Technology Services group, the level of inventory increased in two (2) public enterprises as compared to the previous year and in the case of one (1) enterprise there has been no change in the level of inventory and five (5) CPSEs do not hold any inventory in 2017-18.

P. Trading & Marketing Services

There were 20 enterprises in the Trading & Marketing Services group during the year 2017-18.

Three enterprises namely, Food Corp. of India, Cotton Corp. of India and Jute Corp. 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 17 enterprises only.

These 17 enterprises held inventory valued at Rs. 1966.39 crore representing 16 days Inventory Turnover Ratio at the end of 2017-18 as compared to an inventory of Rs. 2765.79 crore representing 28 days at the end of previous year. The enterprises wise break-up of inventory is given in the Table 4.29 below:

Table 4.29: CPSE-wise details of Inventory (Trading & Marketing Services)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crore)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1	Antrix Corporation Ltd.	0	1.86	1652.06	1720.75	0	0
2	Central Cottage Industries Corpn. of India Ltd.	18.17	17.91	92.42	87.65	72	75
3	Handicrafts & Handloom	34.14	5.08	615.57	640.69	20	3

	Exports Corp. of India Ltd.						
4	HMT (International) Ltd.	0	0.16	26.78	27.55	0	2
5	India Trade Promotion Organisation	0	0	218.97	211.15	0	0
6	Karnataka Trade Promotion Organisation	0	0	2.98	4.45	0	0
7	M M T C Ltd.	2366.78	1711.48	11739.43	16429.77	74	38
8	M S T C Ltd.	70.74	0	1333.92	2280.62	19	0
9	National Film Dev. Corpn. Ltd.	0.11	0.1	167.52	405.98	0	0
10	National Handloom Development Corporation Ltd.	1.27	1	3260.62	2860.47	0	0
11	North Eastern Handicrafts & Handloom Dev. Corpn. Ltd.	2.93	3.8	16.28	18.57	66	75
12	North Eastern Regional Agri. Marketing Corp. Ltd.	1.11	1.11	39.91	39.91	10	10
13	NTPC Vidyut Vyapar Nigam Ltd.	0	0	5137.48	4941.76	0	0
14	P E C Ltd.	230.83	223.64	4280.61	4474.47	20	18
15	State Trading Corpn. Of India Ltd.	39.71	0.25	7934.03	10987.44	2	0
16	STCL Ltd.	0	0	2.51	3	0	0
17	Tamil Nadu Trade Promotion Organisation	0	0	16.58	16.03	0	0
18	Sub Total :	2765.79	1966.39	36537.67	45150.26	28	16

Of the 17 public enterprises under this group, five (5) public enterprises could reduce the level of inventory during 2017-18 as compared to the previous year while in the case of another three (3) public enterprises; there has been increase in the level of inventory. Eight (8) CPSEs has shown level of inventory as Nil & in one (1) CPSE, there is no change.

Q. Transport and Logistic Services

There are 23 public sector enterprises operating in the transportation services sector. The value of inventory held by these enterprises was Rs. 3638.54 crore representing 13 days Inventory Turnover Ratio as on 31.3.2018 as compared to an inventory valued at Rs. 3491.34 crore representing 14 days Inventory Turnover Ratio at the end of previous year. The enterprise wise break-up of inventory is given in the Table 4.30 below:

Table 4.30: CPSE-wise details of Inventory (Transport and Logistic Services)

Sl. No.	Name of the Company	Value of Inventory		Cost of Production		No. of days	
		(Rs. in Crores)				Inv./CP*365	
		2016-17	2017-18	2016-17	2017-18	2016-17	2017-18
1.	AAI Cargo Logistics & Allied	0	0	0	113.19	0	0

Services Company Ltd.

2.	Air India Air Transport Services Ltd.	0	0	562.86	562.86	0	0
3.	Air India Engineering Services Ltd.	0	0	1227.46	1227.46	0	0
4.	Air India Express Ltd.	207.9	271.71	2799.84	3073.83	27	32
5.	Air India Ltd.	1084.64	915.76	22403.65	24520.18	18	14
6.	Airline Allied Services Ltd.	11.98	30.78	546.64	727.86	8	15
7.	Airports Authority Of India	95.05	101.62	7886.03	8515.87	4	4
8.	Central Inland Water Transport Corpn. Ltd.	0	0	3.56	3.56	0	0
9.	Central Railside Warehouse Co. Ltd.	0	0	62.9	71.02	0	0
10.	Central Warehousing Corpn.	6.16	6.05	1340.5	1550.92	2	1
11.	Chandigarh International Airport Ltd.	0	0.06	0	75.47	0	0
12.	CONCOR Air Ltd.	0	0	362.84	435.11	0	0
13.	Container Corporation of India Ltd.	22.54	27.41	4711.1	5076.97	2	2
14.	Dredging Corpn. of India Ltd.	194.27	192.65	568.47	570.12	125	123
15.	Fresh & Healthy Enterprises Ltd.	0.6	0.42	11.72	7.84	19	20
16.	GAIL (India) Ltd.	1698.38	1919.52	43870.35	47606.7	14	15
17.	GAIL Gas Ltd.	8.77	8.67	2681.1	4482.61	1	1
18.	Kamarajar Port Ltd.	0	0	149.2	157.42	0	0
19.	Pawan Hans Ltd.	44.97	46.49	468.26	444.01	35	38
20.	Petronet CCK Ltd.	0.87	0.87	26.4	26.4	12	12
21.	Punjab Logistic Infrastructure Ltd.	0	0	0.37	17.99	0	0
22.	Shipping Corporation of India Ltd.	115.21	116.53	3234.67	3408.21	13	12
23.	SIDCUL CONCOR Infra Company Ltd.	0	0	18.27	19.58	0	0
Sub Total :		3491.34	3638.54	92936.19	102695.2	14	13

In the Transport and Logistic Services Sector, out of 23 public enterprises, the level of inventory decreased in four (4) public enterprises and increased in five (5)

CPSEs during 2017-18 as compared to the previous year and fourteen (14) CPSEs has shown no change in inventory level (including 10 CPSEs which did not hold any inventory) during 2017-18.

4.2 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 2017-18, total foreign exchange earnings of CPSEs was ₹86979.80 crore as against ₹87767.75 crore in 2016-17, showing a decrease of 0.90%. Similarly total foreign exchange expenditure of CPSEs was ₹496580.53 crore in 2017-18 as against ₹438995.95 crore in 2016-17, showing a increase of 13.12%.

During the year 2017-18, as many as 133 CPSEs out of the 257 operating CPSEs either had Foreign Exchange Earnings (FEE) or Foreign Exchange Expenditure (FEE) (Annex 4.1). As many as 30 CPSEs were net foreign exchange earners (Annex 4.1). Out of these 30 CPSEs, 3 CPSEs, namely, (1) ONGC Mangalore Petrochemicals Ltd., (2) ONGC Videsh Ltd., (3) National Aluminium Company Ltd., have earned more than Rs.1000 crore net foreign exchange during 2017-18 as against previous year. The details of foreign exchange earnings of CPSEs is given at Statement No.20 of this Volume.

4.2.1 Foreign Exchange Earnings

Table 4.31 below shows the (15) CPSEs that had gross foreign exchange earnings of more than ₹1000 crore, during 2017-18. Out of these 15 CPSEs, 13 CPSEs namely, (1) Indian Oil Corporation Ltd., (2) Mangalore Refinery & Petrochemicals Ltd., (3) ONGC Videsh Ltd., (4) ONGC Mangalore Petrochemicals Ltd., (5) National Aluminium Company Ltd., (6) Oil & Natural Gas Corporation Ltd. (7) Steel Authority of India Ltd. (8) GAIL (India) Ltd., (9) Airports Authority of India Ltd. (10) Rashtriya Ispat Nigam Ltd., (11) Bharat Petroleum Corporation Ltd. (12) Hindustan Petroleum Corporation Ltd. and (13) MMTC Ltd. have shown increase in gross foreign exchange earnings in 2017-18 as against to previous year. Remaining 2 CPSEs namely, Shipping Corporation of India Ltd and Bharat Heavy Electricals Ltd. have shown reduction in their gross foreign exchange earnings during the same period.

Table 4.31: Gross Foreign Exchange Earnings of select CPSEs (more than ₹1000 crore)

(Rs in crore)

Sl. No.	CPSE	Gross Foreign Exchange Earnings			Change over the previous year(%)	
		2017-18	2016-17	2015-16	2017-18	2016-17
1	Indian Oil Corporation Ltd.	22445.21	14315.36	13923.66	56.79	2.81
2	Mangalore Refinery & Petrochemicals Ltd.	12715.92	10030.76	8746.15	26.77	14.69
3	Bharat Petroleum Corporation Ltd.	10370.81	9788.58	7137.95	5.95	37.13
4	ONGC Videsh Ltd.	8383.56	7838.87	7681.71	6.95	2.05
5	ONGC Mangalore Petrochemicals Ltd.	4631.52	3741.21	3522.06	23.8	6.22
6	National Aluminium Company Ltd.	3573.75	3277.32	3008.18	9.04	8.95
7	Oil & Natural Gas Corporation Ltd.	3552.45	3072.87	3033.21	15.61	1.31
8	Shipping Corporation of India Ltd.	3459.77	3555.76	3771.56	-2.70	-5.72
9	Hindustan Petroleum Corpn. Ltd.	2512.74	1209.42	1810.68	107.76	-33.21
10	Steel Authority Of India Ltd.	2243.70	1737.83	0.00	29.11	-

11	M M T C Ltd.	1796.95	1547.43	682.49	16.12	126.73
12	GAIL (India) Ltd.	1747.08	785.07	866.54	122.54	-9.40
13	Rashtriya Ispat Nigam Ltd.	1742.32	1057.32	1198.96	64.79	-11.81
14	Bharat Heavy Electricals Ltd.	1308.80	2489.55	3649.85	-47.43	-31.79
15.	Airports Authority of India Ltd.	1111.36	979.61	915.98	13.45	6.95
Total		81595.94	65426.96	59948.98	24.71	9.14

4.2.2 Sources of Foreign Exchange Earnings

Exports of goods & merchandise, and other income are the major sources of foreign exchange earnings of CPSEs. The Export of Goods on FOB basis was slightly gone down in 2017-18 at (92.04%) as against 2016-17 at (92.83%). The Royalty, know-how, Professional and Consultancy fee, Interest and Dividend and other Income was upward in 2017-18 as against 2016-17. A comparison between the respective

shares of these items during 2015-16 to 2017-18 shows that the share of export of goods was highest 92.83% in 2016-17. The Royalty, know-how, Professional and Consultancy fee has increasing trend in all the 3 years. The Interest and dividend and other income both have increased during 2017-18 as against in 2016-17. The overall foreign exchange earning has gone down by 0.90% during 2017-18 as against 2016-17. The achievement of Foreign Exchange earnings for the last three years is shown below Table 4.32.

Table 4.32: Item-wise Foreign Exchange Earnings of select CPSEs (2017-18, 2016-17 and 2015-16)

S. No.	Particulars	Foreign Exchange Earnings (Rs.in crore)			Change over the previous year(%)	
		2017-18	2016-17	2015-16	2017-18	2016-17
(i)	Export of Goods on FOB basis	80057.97 (92.04)	81470.80 (92.83)	58577.66 (76.43)	-1.73	39.08
(ii)	Royalty, Know-how, Professional and Consultancy fee	773.42 (0.89)	582.67 (0.66)	525.83 (0.69)	32.74	10.81
(iii)	Interest and Dividend	575.05 (0.66)	300.27 (0.34)	722 (0.94)	91.51	-58.41
(iv)	Other Income	5573.36 (6.41)	5414.01 (6.17)	16818.45 (21.94)	2.94	-67.81
Grand Total (i) to (iv)		86979.80 (100)	87767.75 (100)	76643.94 (100)	-0.90	14.51

Note: Figures in brackets represents the % to total

4.2.3 Foreign Exchange Expenditure

Table 4.33 shows the (21) CPSEs that had gross foreign exchange expenditure of more than ₹1000

crore during 2017-18. In terms of growth/change in foreign exchange expenditure during 2017-18 over

2016-17, there was a general increase in the foreign exchange expenditure (FEE) over last year (2016-17) by 16.97% given in Table below.

Table 4.33: Gross Foreign Exchange Expenditure of selected CPSEs (more than 1000 crore)

Sl. No.	Name of CPSEs	Gross Foreign Exchange Expenditure(Rs. in crore)			Change over the previous year (%)	
		2017-18	2016-17	2015016	2017-18	2016-17
1	Indian Oil Corporation Ltd.	187986.82	157890.05	136188.66	19.06	15.93
2	Bharat Petroleum Corpn. Ltd.	77477.92	62084.77	50701.31	24.79	22.45
3	Mangalore Refinery & Petrochemicals Ltd.	47303.18	45121.68	31200.83	4.83	44.62
4	Hindustan Petroleum Corpn. Ltd.	38223.03	34733.92	29490.96	10.05	17.78
5	Chennai Petroleum Corporation Ltd.	29448.72	19715.14	17446.69	49.37	13.00
6	Steel Authority Of India Ltd.	20987.89	14912.06	11441.68	40.74	30.33
7	Oil & Natural Gas Corporation Ltd.	18869.94	20674.80	23024.05	-8.73	-10.20
8	M M T C Ltd.	11049.25	10089.82	9183.65	9.51	9.87
9	GAIL (India) Ltd.	10785.46	8711.71	2558.71	23.80	240.47
10	Hindustan Aeronautics Ltd.	6530.14	6681.74	7717.49	-2.27	-13.42
11	Rashtriya Ispat Nigam Ltd.	6183.84	4535.40	3221.75	36.35	40.77
12	ONGC Videsh Ltd.	5154.98	4148.27	6852.14	24.27	-39.46
13	Shipping Corporation Of India Ltd.	3767.52	3675.89	3678.42	2.49	-0.07
14	Power Grid Corporation Of India Ltd.	3581.74	3951.56	2966.25	-9.36	33.22
15	NTPC Ltd.	3565.46	5376.9	2220.05	-33.69	142.20
16	Bharat Electronics Ltd.	3098.96	3170.52	2279.33	-2.26	39.10
17	Bharat Heavy Electricals Ltd.	2550.59	3349.77	4217.44	-23.86	-20.57
18	M S T C Ltd.	2253.03	1922.51	1359.53	17.19	41.41
19	Cochin Shipyard Ltd.	1934.84	851.02	577.83	127.36	47.28
20	Nuclear Power Corp. Of India Ltd.	1204.35	1064.27	806.45	13.16	31.97
21	Rashtriya Chemicals and Fertilizers Ltd.	1200.60	412.00	894.33	191.41	-53.93
	Total	483158.26	413073.80	348027.55	16.97	18.69

Out of the above 21 CPSEs, 15 CPSEs Namely, (1) Indian Oil Corporation Ltd., (2) Bharat Petroleum Corpn.Ltd., (3) Mangalore Refinery &Petrochemicals Ltd., (4) Hindustan Petroleum

Corporation. Ltd., (5) Chennai Petroleum Corporation Ltd., (6) Steel Authority of India Ltd., (7) MMTC Ltd., (8) Gail (India) Ltd., (9) Rashtriya Ispat Nigam Ltd., (10) Power Grid Corporation of India Ltd., (11) NTPC

Ltd., (12) Bharat Electronics Ltd., (13) MSTC Ltd., (14) Cochin Shipyard Ltd. and (15) Nuclear Power Corp.of India Ltd. have shown an increase in foreign exchange expenditure as compared to last year.

Table 4.34 below shows the expenditure of foreign exchange under different heads of import of goods (raw material/plants & machinery), consultancy fee and other payment.

Table 4.34: Items of Foreign Exchange Expenditure of all CPSEs (2017-18, 2016-17 and 2015-16)

Sl. No.	Particulars	Foreign Exchange Expenditure (Rs. in crore)			Change over the previous year(%)	
		2017-18	2016-17	2015-16	2017-18	2016-17
(a)	Imports (CIF Basis)					
(i)	Raw materials/Crude oil	375439.95 (95.28)	335927.32 (93.73)	282692.50 (93.3)	11.76	18.83
(ii)	Stores, Spares & Components	9449.96 (2.4)	10193.84 (2.84)	10963.23 (3.62)	-7.30	-7.02
(iii)	Capital Goods	9135.98 (2.32)	12285.16 (3.43)	9336.62 (3.08)	-25.63	31.58
	Sub Total (a)	394025.89 (79.35)	358406.32 (81.64)	302992.35 (78.3)	9.94	18.29
(b)	Expenditure on account of :					
(i)	Royalty and Consultancy fee	21260.28 (20.73)	22710.24 (28.18)	25650.92 (30.55)	-6.38	-11.46
(ii)	Interest payment	7336.85 (7.15)	6875.54 (8.53)	7001.32 (8.34)	6.71	-1.80
(iii)	Others	73615.22 (71.78)	50989.3 (63.27)	51288.45 (61.08)	44.37	-0.58
(iv)	Dividend remitted in Foreign Currency	342.29 (0.33)	14.55 (0.02)	24 (0.03)	2252.51	-39.38
	Sub Total (b)	102554.64 (20.65)	80589.63 (18.36)	83964.69 (21.7)	27.26	-4.02
	Grand Total (a + b)	496580.53 (100)	438995.95 (100)	386957.04 (100)	13.12	13.45

Note: Figures in brackets are percentage to total.

The share of 'raw materials' / crude oil continued to claim the highest share of total gross foreign exchange expenditures in last three years of 2015-16 to 2017-18. Its share slightly increased to 95.28% in 2017-18 from 93.73% in 2016-17. The expenditure in foreign exchange on 'other items' and 'Dividend remitted in Foreign Currency' are showing an increasing trend, whereas 'Royalty and Consultancy fee', Interest Payment have shown a decline in

foreign exchange expenditure in 2017-18 as compared to 2016-17.

4.3 International Finance & Investment

4.3.1 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 as on 31.03.2017 and 31.03.2018, are shown at Annex -4.2.

Ten CPSEs namely, Oil India Ltd, Indian Oil Corporation Ltd., Bharat Petroleum Corporation Ltd., Hindustan Petroleum Corporation Ltd., NTPC Ltd., Power Grid Corporation of India Ltd. Indian Railway Finance Corporation Ltd., Power Finance Corporation Ltd., Indian Renewable Energy Devt Agency Ltd. and Rural Electrification Corporation Ltd. were the major borrowers in overseas market.

4.3.2 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 operation.

4.3.3 International Operations of Selected CPSEs

The paragraphs below discuss briefly the international operations of selected CPSEs as top 'Net foreign exchange earners' or 'foreign exchange spenders' (more than ₹1000 crore) during 2017-18.

1. Indian Oil Corporation Ltd.

Indian Oil Corporation Ltd. had foreign exchange earnings of ₹22445.21 crore in 2017-18 as against ₹14315.36 crore in 2016-17, showing an increase of 56.79 %. The foreign exchange expenditure, however, stood at ₹187986.82 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) - 165541.61 crore during 2017-18.

2. Mangalore Refinery & Petrochemicals Ltd.

MRP Ltd. had foreign exchange earnings of ₹12715.92 crore in 2017-18 against ₹10030.76 crore

in 2016-17, an increase of 26.77 %. The foreign exchange expenditure, however, stood at ₹47303.18 crore in the financial year 2017-18. The net of foreign exchange earning was ₹(-) -34587.26 crore during 2017-18.

3. Bharat Petroleum Corporation Ltd.

Bharat Petroleum Corporation Ltd. had foreign exchange earnings of ₹10370.81 crore in 2017-18 against the foreign exchange earnings of ₹9788.58 crore in 2016-17, an increase of 5.95% . The foreign exchange expenditure, however, stood at ₹77477.92 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) 67107.11 crore during 2017-18.

4. ONGC Videsh Ltd.

ONGC Videsh Ltd. had foreign exchange earnings of ₹8383.56 crore in 2017-18 against the foreign exchange earnings of ₹7838.87 crore in 2016-17, an increase of 6.95%. The foreign exchange expenditure, however, stood at ₹5154.98 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) 3228.58 crore during 2017-18.

5. ONGC Mangalore Petrochemicals Ltd.

ONGC Mangalore Petrochemicals Ltd. had foreign exchange earnings of ₹4631.52 crore in 2017-18 against the foreign exchange earnings of ₹3741.21 crore in 2016-17, an increase of 23.80%. The foreign exchange expenditure, however, stood at ₹450.24 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) 4181.28 crore during 2017-18.

6. National Aluminium Company Ltd.

National Aluminium Company Ltd. had foreign exchange earnings of ₹3573.75 crore in 2017-18 against the foreign exchange earnings of ₹3277.32 crore in 2016-17, an increase of 9.04%. The foreign exchange expenditure, however, stood at ₹547.66 crore in the financial year 2017-18. The net foreign

exchange earning was ₹(-) 3026.09 crore during 2017-18.

7. Oil & Natural Gas Corporation Ltd.

Oil & Natural Gas Corporation Ltd. had foreign exchange earnings of ₹3552.45 crore in 2017-18 against the foreign exchange earnings of ₹3072.87 crore in 2016-17, an increase of 15.61%. The foreign exchange expenditure, however, stood at ₹18869.94 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) 15317.49 crore during 2017-18.

8. Shipping Corporation of India Ltd.

Shipping Corporation of India Ltd. had foreign exchange earnings of ₹3459.77 crore in 2017-18 against the foreign exchange earnings of ₹ 3555.76 crore in 2016-17, an decrease of 2.70% . The foreign exchange expenditure, however, stood at ₹37.67.52 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) 307.75 crore during 2017-18.

9. Hindustan Petroleum Corpn. Ltd.

Hindustan Petroleum Corp. Ltd. had foreign exchange earnings of ₹2512.74 crore in 2017-18 against the foreign exchange earnings of ₹1209.42 crore in 2016-17, an increase of 107.76%. The foreign exchange expenditure, however, stood at ₹38223.03 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) -35710.29 crore during 2017-18.

10. Steel Authority of India Ltd.

Steel Authority of India Ltd. Ltd. had foreign exchange earnings of ₹2243.70 crore in 2017-18 against the foreign exchange earnings of ₹1737.83 crore in 2016-17, an increase of 29.11% . The foreign exchange expenditure, however, stood at ₹20987.89 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) -18744.19 crore during 2017-18.

11. M M T C Ltd.

M M T C LTD. had foreign exchange earnings of ₹1796.95 crore in 2017-18 against the foreign exchange earnings of ₹1547.43 crore in 2016-17, an increase of 16.12% . The foreign exchange expenditure, however, stood at ₹11049.25 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) -9252.30 crore during 2017-18.

12. GAIL (India) Ltd.

GAIL (India) Ltd..had foreign exchange earnings of ₹1747.08 crore in 2017-18 against the foreign exchange earnings of ₹785.07 crore in 2016-17, an increase of 122.54% . The foreign exchange expenditure, however, stood at ₹10785.46 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) -9038.38 crore during 2017-18.

13. Rashtriya Ispat Nigam Ltd.

Rashtriya Ispat Nigam Ltd.had foreign exchange earnings of ₹1742.32 crore in 2017-18 against the foreign exchange earnings of ₹1057.32 crore in 2016-17, an increase of 64.79% . The foreign exchange expenditure, however, stood at ₹6183.84 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) -4441.52 crore during 2017-18.

14. Bharat Heavy Electricals Ltd.

Bharat Heavy Electricals Ltd. had foreign exchange earnings of ₹1308.80 crore in 2017-18 against the foreign exchange earnings of ₹2489.55 crore in 2016-17, a decrease of -47.43%. The foreign exchange expenditure, however, stood at ₹2550.59 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) -1241.79 crore during 2017-18.

15. Airports Authority of India Ltd.

Airports Authority of India Ltd. had foreign exchange earnings of ₹1111.26 crore in 2017-18 against the foreign exchange earnings of ₹979.61

crore in 2016-17, an increase of 13.45%. The foreign exchange expenditure, however, stood at ₹254.33 crore in the financial year 2017-18. The net foreign exchange earning was ₹(-) 857.03 crore during 2017-18.

4.4 Risk Management in CPSEs

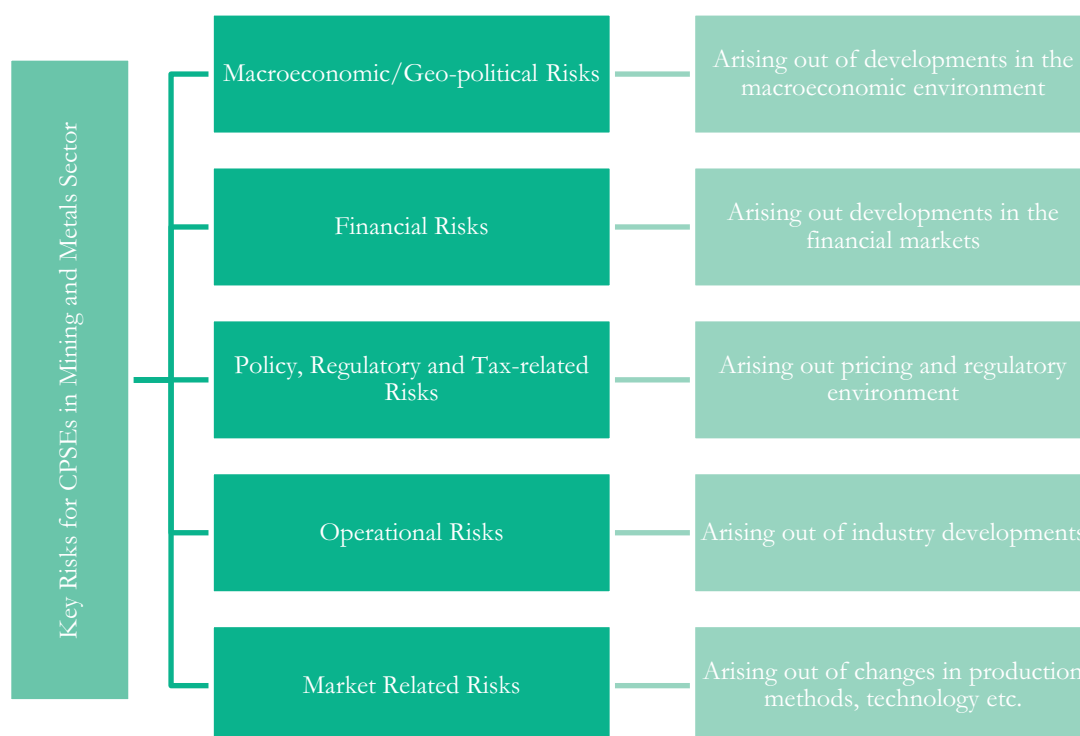
4.4.1 Overview

Enterprise risk management helps management in achieving the performance and profitability targets of CPSEs. It helps to ensure effective reporting and compliance with laws and regulations, and helps avoid damage to the entity's reputation and associated consequences. Broad guidelines for risk management in CPSEs have been provided in the 'Guidelines on Corporate Governance for CPSEs' released by the Department of Public Enterprises in

May, 2010.

The key provisions for risk management in these guidelines are that its oversight should be one of the main responsibilities of the Board/Management. The Board should ensure the integration and alignment of the risk management system with the corporate and operational objectives and also ensure that risk management is undertaken as a part of the normal business practice and not as a separate task at predetermined times.

This section highlights the key risks faced by CPSEs in sectors of economic importance, as well as the common risk mitigation strategies adopted by them. Risks for each of these sectors are analyzed under the following types of risks.



4.4.2 Macroeconomic Risk: Macroeconomic risk arises primarily from global macro-economic conditions and developments in the global industry which may have a bearing on or affect the business of the Company.

4.4.3 Financial Risk: CPSEs across sectors primarily face three types of financial risks – namely, market risk, credit risk and liquidity risks.

(a) Market Risk: - Market risk is the risk that changes in market prices, such as foreign exchange rates and interest rates which will affect the Company's income or the value of its holdings of financial instruments.

(b) Credit Risk – Credit risk is the risk that counterparty will not meet its obligations under a financial instrument or customer contract, leading to a financial loss. Credit risk arises from cash and cash equivalents, investments carried at amortized cost and deposits with banks as well as with customers including receivables.

(c) Liquidity Risk – Liquidity risk is the risk that the Company will encounter difficulty in meeting the

obligations associated with its financial liabilities that are settled by delivering cash or another financial asset.

4.4.4 Policy, Regulatory or Tax-Related Risk:

Regulatory risk is the risk of a change in regulations and law that might affect an industry or a business. Such changes in regulations can make significant changes in the framework of an industry, changes in cost-structure, etc.

4.4.5 Operational Risk: Operational risk results from inadequate or failed procedures, systems or policies. These could arise from project delays, systems failures or any other event that disrupts business operations.

4.4.6 Market Related Risk: Market risks arise from structural changes in the industry in which the company operates. Technological evolution, increase in competition or changing production techniques are examples of sources of market related risks.

4.5 Research & Development

A 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. CPSEs in this context, therefore, must develop themselves into “Learning Organizations” such that the spirit of creativity, innovation and development is sustained. R&D helps phase out products & services through introduction

of new designs, technologies and improvement in quality. 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.

4.5.1 Research & Development Activities in CPSEs

In India, CPSEs, especially those in the Defence, Energy, Mining and Steel sectors, have long played a leading role in R&D. 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 detailed enterprises-wise statement, indicating the expenditure on Research and Development is given in the section on Statements & Appendices at the end of this Volume (**Statement No. 17**). The different R&D activities being carried out by some of the CPSEs in the different groups of manufacturing & services sectors are explained briefly in the following paragraphs, based on the information provided by different CPSEs.

4.5.1.1 Petroleum (Refinery & Marketing)

A. Bharat Petroleum Corporation Limited

Bharat Petroleum Corporation Ltd. (BPCL) has successfully completed the Commercial trial of indigenous dewaxing catalyst, "Bharat-HiCat", at LOBS unit in Mumbai Refinery (MR) and Commercial scale development and production of Gasoline Sulfur Reduction catalyst additive, "Bharat GSR CAT", developed with patented indigenous know-how, has been carried out on continuous basis in Fluid Catalytic Cracking Unit of BPCL Mumbai Refinery. Commercial trial of indigenous dewaxing catalyst, "Bharat-HiCat" has helped BPCL to become third company in the world to develop such niche catalyst technology.

Major ongoing R&D projects of BPCL

- Development of novel cross flow reactor for hydroprocessing applications.
- Development of process intensified HiGee contactor for deaeration applications.
- Development of an End-to-End Process for Production of Bio-ethanol from Biomass.
- Development of Superabsorbent Polymer Technology for Hygiene Application.
- Development of additive for liquid yield improvement in delayed coker.

Highlights of other R&D achievements

- Commercial trials for cost effective Diesel Lubricity Additive and Drag Reducing Additive have been successfully completed.
- BPMARRK®: an intelligent device developed for rapid crude assay is popularized within the Corporation and its features have been further enhanced. These efforts have been recognized by MoP&NG by conferring "Innovation Award 2015/16 — Best Innovation in R&D" for development of BPMARRK® during 21st Refinery Technology Meet (RTM) on 20th April 2017 at Visakhapatnam.
- As a part of green initiatives, biodegradable metal cutting oil: Matei'-Biocut has been developed in collaboration with Sewree-R&D and its field trials have been successfully completed.
- Efforts have been made to foster new business development through valorization of refinery streams namely benzene and light diesel oil for lithium ion battery and mosquito repellent application respectively.

B. Hindustan Petroleum Corporation Limited.

Hindustan Petroleum Corporation Limited (HPCL) has successfully completed the following R&D projects during the year 2017-18

- **HP-CORMIT:** Successfully implemented indigenously developed corrosion inhibitor in MHMBL LPG pipe line which showed reduction in corrosion rate to 0.5 mpy against the bench mark <1mpy.
- **HP DLA:** Novel lubricity additive to significantly improve lubricity properties of ultra-low sulphur diesel is developed and successfully demonstrated at both Mumbai & Visakh Refineries. This in-house developed additive showed better performance at lower dosages (50 % reduction) compared to commercial additives for meeting BS (IV) / BS (VI) specifications.
- **HP-TRAE:** R&D developed a process to produce low PAH Rubber Process Oils (RPO) termed as 'Treated Residue Aromatic Extract' (TRAE) and successfully demonstrated at SEUs, Mumbai Refinery. Achieved raffinate yield improvement of 1.5 - 2.0% while reducing RPO PAH to less than 3%
- **HP IPCA (RAZOR):** Developed cost effective metal cutting additive (with LPG) which reduces the dependability on imported additives. Demonstrated in RINL, Vizag Steel and showed better performance compared to commercial additives
- **H2 PSA Technology:** In view of the rising demand for Hydrogen in refineries, a need for an indigenous PSA technology was felt and HPCL R&D developed the technology suiting feed quality requirements. During the year, New adsorbent system developed for CCR H2 PSA and implemented at Visakh Refinery to produce H2 with purity of above 99.5%.
- **SprayMax FCC Feed Nozzle:** During the year, indigenously developed FCC feed nozzle was installed at Mumbai Refinery and conversion increase of about 1wt% was achieved.
- **HPFurnOKare:** The R&D developed cost-effective chemical formulation and process for

online cleaning of the furnace tubes, HPFurnOkare, exhibited better performance compared to commercial additives (arch temperature reduction by 80 to 100°C). The reduction in the arch temperature was found to sustain at least 3 months leading to increased unit T'puts. Based on successful results at HPCL refineries, MRPL gave order for online cleaning of the heaters for next 2 years.

Major ongoing R&D projects of HPCL

- **HP-ENOCT:** R&D developed a catalyst and process called HP-ENOCT (Enhanced Octane) to produce high octane blending component in the Gasoline pool. Scaling up of the process is in progress
- **HP-DAK:** R&D has developed a process called HP_DAK (Dearomatized kerosene) to produce speciality solvents which can be used in paints & coatings, drilling fluids and metal working fluids. Scaling up of the process is in progress.
- **HP²FCC Catalyst:** R&D has developed FCC catalyst for high propylene and low bottoms yield. Scale-up of the catalyst is in progress for trial in one of the Indian refineries
- **Biomass Pyrolysis to Fuels:** Novel single step hydro-pyrolysis process for converting biomass to drop-in-fuel range hydrocarbons using catalytic route. Catalyst development and lab scale pilot plant in progress.
- **2G Ethanol:** In-house and comprehensive technology for production of ethanol from lignocellulosic biomass, with production of value added products such as xylitol. Setting-up of pilot plant is in progress.

Highlights of other R&D achievements

HPCL filed and granted 14 Indian and 4 US Patents during 2017-18 and received the prestigious **Innovation Award for 'Best Indigenously Developed Technology'** from Ministry of Petroleum & Natural Gas, for two HPCL R&D technologies, **'Development and Commercialization of Pressure Swing Adsorption Technology for Hydrogen Purification (H2 PSA)'**

and ‘SprayMax’ FCC Feed Nozzle – Successful Demonstration.

C. Indian Oil Corporation Limited

Indian Oil Corporation Limited (IOCL) Completed following R&D Projects during 2017-18

Details	Benefits/achievements/savings
<p>No of formulations issued during the year 2017-18 = 122 No.</p> <p>No of Original Equipment Manufacturers (OEM) approvals obtained during the year 2017-18 = 49</p>	<p>Names of major OEMs along with products approved are:</p> <ul style="list-style-type: none"> ➤ VRL Logistics Ltd.: Servo Pride FE 10W30 for diesel engines, MTF Servo Synchro SS 75W80 for transmission & Servo Gear Axle SS 80W110 for rear axle, green solution combo pack. ➤ Volkswagen, Germany: Servo Technic ol 5W-30 & Servo Technic ol Plus 5W-30. ➤ Hyundai Motors India Ltd: For Servo Hundai DEO 5W-30, Servo Hundai C2 0W-30, Servo Hundai Premium EO SN 5W-30 Engine oils. ➤ MSIL: ECSTAR NEXA 0W20 & ECSTAR NEXA 5W20 for gasoline & Diesel engines for their premium NEXA range vehicles for service fill applications. ➤ Ashok Leyland: ECSTAR NEXA 0W20 & ECSTAR NEXA 5W20 for OE fill & service fill. ➤ VST Tillers Tractors Ltd: Gear oil (SAE 90)/OIB Oil(API CF4) for after market applications. ➤ Mahindra & Mahindra: MNEO & Mahindra Maxmile CNG Plus for select models of Mahindra commercial vehicles & Mahindra Maxmile CNG Plus as Genuine Engine Oil for CNG Engines.
Commissioning of 55 KTA OCTAMAX unit at Mathura Refinery	Produces High octane (>100) gasoline blending component. Accepts wider feed stocks. Cost effective technology requiring low capital investment
Revamp of DHDT unit at Gujarat Refinery	Unit is producing diesel meeting BS-VI norms for Sulpher with Cetane no. improvement by more than 12 units.
Sale of R&D developed FCC additives & catalyst	70MT of FCC additives valuing Rs.3.0 crore sold by licensee(SCIL) against competitive bidding. Total royalty earnings on catalyst sale Rs.30.8 Lakhs
Inspection of Pipeline	1363 Km of inline inspection of IOCL pipeline conducted using in house IPIGs.

Major ongoing R&D Projects of IOCL are as under:

Project	Description
Ziegler-Natta Catalyst	Scale-up and commercialization of IOCL developed magnesium precursor, Poly-ethene and Poly-propylene catalyst technologies.
Bio-methanation Plant for Municipal Corporation Faridabad(MCF)	Towards supporting Government of India's initiative on Swachh Bharat Abhiyan cleanliness drive, IOCL R&D to set up 5 TPD biomethanation plant based on own technology in collaboration with MCF, Faridabad.
Carbon Nano Tube CNT pilot plant	Scale up from Lab to Pilot, Design data evaluation & Produce CNT in Kg Level.
Demo plant for 2G ethanol technology	Setting up 10 TPD demonstration plant for indigenous 2G ethanol technology along with integrated enzyme production.
Catalyst manufacturing facility	Manufacturing catalyst for any type of fixed bed and fluidized bed unit based on in-housed developed formulation
Lanza Tech Project at Panipat Refinery	Development of integrated oxy-blown biomass gasification with Lanzatech process for ethanol production with suitable syn gas composition
HCNG Demonstration for DTC Buses	To set up a demonstration unit at DIMTS bus depot for undertaking trials on BS-IV compliant buses to assess the impact on fuel economy and emissions using Hydrogen Enriched CNG – (HCNG).
GMFA	Development of Gasoline Multi-Function Additive for branded gasoline

Highlights of other R&D achievements of IOCL:

- 11 projects selected for funding & incubation in Technology & Business Process domain under Indian Oil Start up Fund. Projects are mentored by in-house experts as Process owners along with NRDC.
- Bio methanation plant for conversion of kitchen waste into Biogas at Digboi Refinery 250 Kg/day commissioned.
- Bioremediation of 184 MT of oil sludge & oil contaminated soil from Oil Spill at Chennai successfully completed.
- R&D developed confined bioremediation technology successfully implemented at Gujarat Refinery & Boingaigaon Refinery.
- Successful trial of in-house developed Drag Reducing Agent carried out in Patna-Mughalsarai section of 12" dia 200 Km pipeline, performance found at par with commercial DRA.
- Trial conducted in FO boiler, revealed reduction in Sox emission & improved boiler efficiency.
- First Fuel Cell bus for demonstration trials in Delhi-NCR. Hydrogen is considered to be fuel of the future & using the fuel cell technology, very high efficiencies can be achieved as water is the only component in the exhaust.
- Developed low Capex, low Opex 2G ethanol process at 250 Kg/day pilot scale to convert

lignocellulosic biomass feed stock such as rice straw, bagasse into ethanol.

- Based on R&D's cost effective & high performance Polymer Modified Bitumen formulation, successful commercial production started at Panipat Complex.
- Developed high performance cost effective corrosion inhibitor for crude oil transportation "SERVO CCI" for commercial production.
- Developed formulation for utilization of low value Low Sulphur Heavy Stock (LSHS) to Furnace Oil with added advantage of low pour, low viscosity & low sulphur content conforming Bunker fuel specifications.
- Awards:
 - "Innovator of the Year Award" for Indmax Technology from FIPI, New Delhi.
 - "Excellence Award" for Indmax Technology at World Petroleum Congress at Istanbul.
 - Jawaharlal Nehru Centenary Award for performance improvement of FCC unit of Gujarat Refinery through innovative hardware design.
 - GPRC Best Exhibitor Award at Global Refining & Petrochemicals Congress, Mumbai
 - AIMA awards under category "Breakthrough Innovation in R&D & Artificial Intelligence"
 - SAE Foundation Award under Corporate category in view of the contributions to various initiatives towards mobility growth.
- Patents
 - 82 Patents filed during the year 2017-18
 - A record haul of grants 54 patents granted during the year 2017-18.

4.5.1.2. Industrial & Consumer Goods

A. Hindustan Newsprint Limited

Hindustan Newsprint Limited carried out R & D works on cost effective bleaching of CP Pulp with hypochlorite & Cost Effective bleaching of CMP

Pulp with hypochlorite. C-P-H stage found to be beneficial for the reduction in quantity of peroxide for attaining high brightness CP pulp. The hypochlorite is to be added after chlorine and peroxide stage, Calcium hypochlorite is the equal of sodium hypochlorite in bleaching efficiency and less expensive

A pre-treatment with 0.5% hypo and washing in bleaching of CMP pulp reduced the peroxide consumption to nearly half quantity which shall be optimized in plant conditions. Consequently, the operation sequence followed in CMP plant should be modified to 3 washers in place of present two, unbleached washer, hypo washer and peroxide washer

The Major ongoing R&D projects of the Company are:

- Study on sulphidity increase of white liquor with refinery spent lye. The "Spent Lye" which is a reject from Refineries, being rich in Sodium Sulphide (along with residual Caustic Lye) is being tried as an additive to increase sulphidity to white liquor.
- Study of alternative coagulants in effluent treatment chemicals, other coagulants are being tried for effluent treatment for effective removal of colour and suspended solids in effluents.
- Study of alternate deinking chemicals. Other chemicals other than fatty acid soap are being tried for Deinking.

Highlights of other R&D achievements

- Suitability study & implementation of "Causticising Precipitated Calcium Carbonate (CPC)" as Filler in Paper Machine and its implementation.
- Chemical pulping and Paper making properties of wood chips using 'CMP Lut Filtrate' in place CP Black Liquor for maintaining bath ratio. A portion of Weak Black Liquor (WBL) being generated in CP is

reused in CP Digesters for maintaining cooking 'Bath Ratio' at present.

- Optimisation of parameters for preparation of 'High Grade Calcium Chloride' for use in Deinking Plant and its implementation

B. HLL Lifecare Limited [HLL]

HLL Life Care Limited has successfully completed the following R&D projects during the year 2017-18:

R & D projects successfully completed during FY 2017-18				
Sl. No	Project title	Benefits	Achievements	Savings
1	Development of Rapid One-Step Qualitative Immune-Chromatographic Kits for the Detection of HBsAg (HBV) Lateral Flow Test Card	To reduce production cost of the kit	Technology successfully developed and technology transferred to MFG	CRDC costing of HBsAg- Rs 3.30 per kit (without cassette) (cost target given by factory to attain Rs 4/-per test) as compared with average market price.
2	Development of In-House Technology for Antibody Conjugation for Diagnostic Kit Applications	To cut down import of conjugated antibodies, which are costly in compare to un-conjugated antibodies	Technology successfully developed & SOP under preparation	CRDC costing of In-house gold nano particle preparation and conjugation cost- Rs. 1150 as compared with average market price.
3	Development of Gelatin based internal haemostat for surgical applications	Economic alternative in comparison to costly imported haemostats	Technology successfully developed and product was marketed in January 2018.	Price of absorbable haemostat (Ethicon) – Rs.575/- per pack as compared with average market price.

Major on-going R&D projects of the company are as under:

- Ormeloxifene:Novel Synthetic Pathways - II.HLL,Oct 2017 - Jan 2020.
- Development of Mucoadhesive Polymer Coated Ferrous Sulphate for Treating Anaemia.DST SERB, Mar 2017 - Mar 2020.
- Development of Gelatin Based Internal Haemostat for Surgical Application. HLL, Mar 2014 - Mar 2018.
- Development of Drug Incorporated Electrospun Fibre Based Drug Delivery. DST, Oct 2015 - Oct 2018.
- Development of Lubricating Gel.HLL, Nov 2016 - Feb 2018.
- Development of Coated Copper T - Phase II.BMGF, Nov 2013 - Mar 2018.

- Development of Graphene Condom: Phase II.BMGF, Apr 2018 - Mar 2019.
- Development of Rapid One-Step Qualitative Immune-Chromatographic Kits for the Detection of HBsAg (HBV) & HCV Lateral Flow Test Card. HLL, Feb 2015 - June 2018.
- Clinical Evaluation of Ormeloxifene in Tamoxifen Resistant Breast Cancer Cases. HLL & BIRAC, Jun 2016 - Nov 2018.
- Evaluation of a combinatorial approach using Ormeloxifene, a novel selective estrogen receptor modulator (SERM) with other drugs in a 3D breast cancer model DST WOS_A , Dec 2017 - Dec 2020

C. Security Printing and Minting Corporation of India Limited (SPMCIL)

SPMCIL has successfully completed following R&D Projects during the year 2017-18:

- **Microbial Study in Security Paper Mill, Hoshangabad :**
Microbial contamination sources were identified from different sections of the Paper Mill. The slime deposit potential of machine backwater was identified. Existing slime control program of the Paper Mill was compared with various biocides suggested by CPPRI and it was found that biocide used in SPM Hoshangabad is sufficient to prevent the slime deposition present in the Paper Mill.
- **Identification of suitable settling aid for Effluent Treatment Plant (ETP):**
The project has been helpful for settling and recovering fibers & fines in minimum time by dosing a suitable settling aid. BNP, Dewas has brought down the consumption rate of OVI Ink by doing indigenous modification i.e. application of OVI from direct to indirect method on Intaglio machine no. 9. It led to saving of OVI ink of about 0.5 kg/mpcs. Ink Factory, Dewas has developed improved version of QSI ink. It has also developed wide number of Pantone shade inks for designing currency notes.
- **Certified Reference Material for Gold of 9999 purity:**
Reference Material (RM) for 9999 Purity Gold was developed indigenously for the first time in India by IGM, Mumbai in collaboration with CSIR-National Physical Laboratory, New Delhi and BARC-NCCCM, Hyderabad. The Intended use of Gold CRM is (i) to develop accurate methods of analysis using different scientific Analytical instruments like XRF, ICP-OES, Spark-OES; (ii) to calibrate measurement systems of primary methods like Fire Assay (cupellation) used to facilitate exchange of Gold materials of different derivatives like jewelry, Bullion and artifacts; (iii) Institute quality control, determine performance characteristics, or measure a property at the state-of-the-art limits or accuracy; and (iv) to ensure the long-term adequacy and integrity of measurement quality assurance system.
- **In-house design and manufacturing of blank sorting machine at IGM, Hyderabad:**
Blank sorting machine is installed successfully and running smoothly which differentiate Rupee 1, 2 and 5 blanks accurately and automatically. Blank sorting machine is having minimum interval of sorting time with zero manpower and high accuracy which makes the work more reliable and avoid breakdowns of coining presses due to mixed blanks feeding. It can easily sort 300 to 400 kgs of Blanks/Hr.
- **Evaluation of ATR-FTIR spectroscopy as a method for advanced forensic examination of Banknotes:**
A collaborative R&D Project was undertaken with CSIR-National Chemical Laboratory, Pune under the Research Alliance Framework Agreement (RAFA) between SPMCIL and CSIR-NCL, Pune. The study was intended to explore the utility of Attenuated Total Reflectance Fourier Transform Infrared Spectroscopy (ATR-FTIR) as a non-destructive technique for advanced forensic

examination of genuine and counterfeit banknotes. In specific, ATR-FTIR spectroscopy was found more useful to distinguish the inks used in the printing of currency notes. Counterfeit banknotes were analyzed and they were found clearly different from genuine banknotes in all cases. Also, a graphical mapping technique has been developed to process the complicated and extensive spectral data into bubble charts that enable quick and comprehensive visual perception of differences between genuine and counterfeit banknotes. The above study will be useful for capacity development for advanced forensic analysis of banknotes.

- Development of Pickling and Polishing Compound for improving Coin Quality & controlling pollution. It led to development of indigenous formulations as replacement of imported chemical KH-50. The patent has been registered for the same with NITW (Patent No. CHE No. 201741036100).

Major ongoing R&D Projects of SPMCIL is as under:

- Design, selection and implementation of Oil Cooler for Hydraulic System of blanking press
- Study on effect of different types of PVD coatings on the life and quality of the minting dies and tools.
- Addition of rimmed & un-rimmed blank sorting parts in existing blank sorting machine.
- Development of LASER repairing facility
- Development of Automatic In-line Coin Inspection System (at the output of Coining Press)
- Coating Formulations for Post Printing Treatment for Anti-Soiling Currency Notes
- Standardization of banknote printing ink specification for Currency Note Press, Nashik
- Development of Optical Security feature for high security printing applications for the following applications:-

- Banknote identification and Authentication for the visually impaired using Smartphone.
- Security feature for Banknote.
- Security feature for security documents – Passport, Tax Stamp, Certificate, Tickets, and Brand Protection etc.
- Study & Procurement of Elemental Analysis Microscope – Scanning Electron Microscope (SEM) for advanced forensic analysis of banknotes.
- Study & procurement of Advanced Printing Ink & Coating Testing instruments.
- Online Inspection System for GRAPHIA machine.
- Separation of Cutting Oil from Water after use, by Salting out Process.
- Design and findings of suitability of a batch type intermediate Annealing Furnace for precious metal.

By the aforesaid efforts, the Company would be able to produce critical raw materials indigenously and thus bring more indigenisation in its operations resulting into saving in Foreign Exchange and increase in local manufacturing of raw materials/inputs.

4.5.1.3. Chemicals & Pharmaceuticals

A. HIL (India) Limited

HIL (India) Limited in association with Institute of Chemical Technology, Mumbai (ICT) is in a R&D work of developing a Chemical alternative to DDT. After a detailed R&D the syntheses of the new molecule have started. They have developed a lab sample after series of R&D study and successfully established the insecticidal properties of the new molecule. The chemical assay and other studies are being carried out now. Lab trials have been successfully completed in 2017-18 and are now in a process of application of patent for the newly

developed molecule. This product will be useful in Diseases. Public Health Sector in controlling Vector Borne

B. Hindustan Antibiotics Limited

Major R&D projects successfully completed during the year 2017-18 and its benefits / achievements.

Performance Indicator	Achievements
Major projects completed during the year 2017-18	Introduction of new products a. Levocetirizine tablets IP 5 mg b. Cetirizine tablets IP 10 mg c. Cefoperazone and Sulbactam Injection 2 gm
Major on-going R&D projects	Anti-tuberculosis kit a. Pyrazinamide tablets IP 750 mg development completed b. Ethambutol and Isoniazid tablets IP development in progress
Other R&D achievements	Standardization of products a. Cefexime tablets IP 200 mg b. Azithromycin tablets IP 250 / 500 mg

- Manufacture and supply of Standard Narcotic Drugs Detection kit, Precursor Chemicals Detection Kit at R&D center. This is a monopoly product and we are supplying it to Narcotic Control Bureau, Ministry of Home Affairs, Dept. of Internal Security, Govt. of India, New Delhi.
- Penicillinase (non-sterile) revised and manufactured at R&D. This project generates direct revenue for the company.
- Biofertilizers namely Azotomeal & Phosphomeal developed at R&D centre and commercialized is revived. Potash mobilizing bacteria-a biofertilizer developed. Commercialization is in pipeline. Use of Biofertilizers is encouraged for clean Environment policy of Govt. of India
- Humaur (foliar fertilizer) developed by R&D center revived.
- Aureofungin (antifungal antibiotics for plants and crops) production revived.
- Experimental studies on development of Eco-friendly Biofungicide (Trichoderma)

Major ongoing R&D projects & Highlights of other R&D achievements

- Manufacture and Supply of Standard Narcotic Drugs Detection kit, Precursor Chemicals Detection kit
- Penicillinase (non-Sterile) manufacturing
- Commercialization of Potash mobilizing bacteria
- Experimental studies on development of Eco-friendly Biofungicide (Trichoderma)

4.5.1.4. Power Generation

A. THDC India Limited

THDC India Limited has completed the following R&D projects during the financial year 2017-18:

- **Early warning system (EWS) in the downstream of Tehri/Koteshwar dam.**
- **Assessment of Sediment Yield from the Catchment Area of Tehri Reservoir.**

The first phase of the study got completed in the month of November 2017. Results of this study e.g. rainfall-runoff relation, sediment potential of the catchment area etc. are very useful for long-term sustainability of Tehri Dam as well as for various other infrastructures developed along the Bhagirathi River.

- **Analysis of Dynamic performance of variable speed hydro-electric plants under grid disturbance.**

The project is aimed at analyzing the dynamic performance of Doubly Fed Asynchronous Machine (DFAM) equipped with power electronic converters under grid disturbances and compare the same with synchronous machine operation. Large water head variation in the reservoir and variable speed features of Tehri Pumped Storage machines have been considered in the research project. More than 35% of electrical energy is Conserved in comparison with the conventional V/f startup of pump Turbine has been concluded based on the R&D project.

- **Conditioning monitoring of EM equipments in Tehri & Koteshwar.**

Proactive remedial measures resulted to improved reliability/ efficiency and safety of our power plants based on the R&D project – “Condition monitoring of EM- equipment’s of Tehri & KHEP”

Major ongoing R&D projects of THDC India Limited are as under:

- Development of self-compacting concrete for Hydro Power Structures.
- Assessment of Sediment Yield from the Catchment Area of Tehri Reservoir.
- Earth quake monitoring stations IIT Roorkee.
- Condition Monitoring of EM equipment of Tehri & KHEP.
- Expansion & updation of Micro Seismic Network around Tehri region (long term)

- Comprehensive solution for slope stability of road between Zero bridge to Koteshwar.
- Setting up of satellite based real time inflow forecasting system for catchment area of Tehri Reservoir.
- Comprehensive remedial treatment scheme for Bhaitogi Nala.

B. NHDC Limited.

NHDC Limited has successfully completed Development & Implementation of a System for Real Time Stream Flow Forecasting and Reservoir Operation system for Indira Sagar (ISP) & Omkareshwar (OSP) Reservoirs in Narmada basin during the year 2017-18

Major ongoing R&D Projects of NHDC:

- Development & Implementation of a System for Real Time Stream Flow Forecasting and Reservoir Operation system for Indira Sagar (ISP) & Omkareshwar (OSP) Reservoirs in Narmada basin.
- Development and Implementation of Web based Real Time Dam Instrumentation (WBRTDI) and Real Time Structural Health Monitoring (WBRTSHM) System for Indira Sagar Project (ISPS) and Omkareshwar Project (OSPS).

C. SJVN Limited

SJVN Limited had undertaken comparative study and finalization of best suited seals for MIV seals of different material viz. PTFE, Ultra High Molecular Weight Polyethylene seal and Poly Urethane Elastomer self lubrication casting seals by NJHPS, during FY 2017-18 under R&D.

As a new experiments Poly Urethane Elastomer based G-ECOPUR-54DL-SL seals have been used by SJVN Limited in NJHPS last year which are also performing satisfactory.

Cost of G-ECOPUR-54DL-SL seals set is about 60% lower than PTFE seal set. Till date, the

performance of these seals has been found to be superior than PTFE based seal. The performance of this seal is under observation for one more monsoon season (till the month of September 2018) in order to ascertain its suitability and performance/merit with respect to PTFE based seals.

D. North Eastern Electric Power Corporation Ltd. (NEEPCO)

NEEPCO under its R&D Projects has undertaken assessment of corrosion of the steel liner of the water conductor system of Kopili H.E Plant and suggestion for selection of corrosion resistance system for the steel liner including a model study, **and** Study on Flora and Fauna and Survival in Acidic water of Kopili Reservoir of Kopili H.E Plant, with emphasis on identification of endangered species and a practical solution to their preservation during the year 2017-18

E. NTPC Ltd.

NTPC has focused its research efforts to address the major concerns of the sector as well as the future technology requirements of the sector. In this effort, Company has established NTPC Energy Technology Research Alliance (**NETRA**) as state-of-the-art center 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, which includes water conservation, Ash utilization & Waste Management.

Major R&D Projects completed in 2017-18:

- Set up of Solar Wind Hybrid Plant at Kudgi
- Setup of 400 TR Flue Gas based Air Conditioning Plant at Talcher Kaniha
- Installation of Flexible operation control for 500 MW thermal unit at Dadri

- Development of High Accuracy Solar Forecasting model capturing Atmospheric Aerosol and Cloud movement with satellite image data with ISRO / other institute

Major ongoing R&D projects of NTPC are as under:

- Light Weight Aggregate (LWA) Plant at Sipat
- Bottom Ash as Fine Aggregates in cement concrete
- Super hydrophobic Nano-coating for solar PV panel cleaning
- Cooling Tower Design & Performance Improvement.
- Solar Sea Water Desalination at NTECL – Vallur
- Solar PV performance and degradation study
- Solar Thermal Hybrid Plant at NTPC Dadri
- High quality fuel generation from MSW (with Tokyo University)

Benefits derived as a result of above Research & Technology Development

- Regeneration treatments of resins, chemical cleaning/treatment and corrosion control measures supported the stations in improving the efficiency and availability of boilers and various heat exchangers/ cooling towers, etc.
- Studies on CO2 capture and utilization, solar thermal, bio-fuels will result into development of technologies for reduction in the impact on climate change and technologies for affordable renewable energy sources.
- Sea water Desalination plant at Simhadri for drinking water.

4.5.1.5. Other Minerals & Metals

A. National Aluminium Company Limited

National Aluminium Company Limited (NALCO) completed following major In-house and Collaborative R&D projects completed during FY 2017-18:

- Pressure filtration study for dry disposal of Red mud for further implementation in

Alumina plant. Pilot setups with M/s Unitop Multitech India Pvt ltd and M/s FL Smith were used in the study.

- Extraction of Alumina from Partially Lateritized Khondalite (PLK) at laboratory scale: Phase 2 study in collaboration with Commonwealth Scientific & Industrial Research Organization, (CSIRO), Australia.
- “Synthesis, Characterization and Development of Red mud- Fly ash based Geo-polymer concrete” in collaboration with Indian Institute of Technology, Bhubaneswar.
- Commercialisation of 150 m³ per batch Emrion nano technology based Defluoridation Plant in collaboration with M/s Eesavyasa Technology Pvt Ltd, Hyderabad (ETPL).

Major ongoing R&D projects of NALCO:

- Recovery of alumina from NALCO fly ash: modifications and validation of flow sheet in collaboration with Institute of Mineral & Material Technology, Bhubaneswar(IMMT).
- Process for development of new application of aluminium based material in solar light, solar roof sheets and in battery having superior properties in collaboration with Indian Institute of Technology, Bhubaneswar.
- Utilization of PLK (Partially Lateritized Khondalite) as a potential and value added filler material with specific reference to white ceramics and pigments in collaboration with JNARDDC, Nagpur(Nodal) and C.V.Raman College of Engg, Bhubaneswar.
- Embedded System for Compressed Air Consumption Monitoring in Aluminium Smelter Plant in collaboration with National Institute of Technology, Rourkela.
- Fabrication and Commercialization of a highly porous pervious concrete material from fly ash in collaboration with Kalinga Institute and Industrial Technology,(KIIT),Bhubaneswar
- Extraction of Gallium from Bayer liquor in collaboration with BARC, Mumbai

- Multi scale modeling and prediction of Microstructure for processing of Aluminium –Lithium alloy for structural application in collaboration with Indian Institute of Technology, Kharagpur and KIST, Bhubaneswar
- Enhancement of A:C ratio of spent bayer liquor through electrochemical process for additional precipitation of gibbsite in collaboration with Institute of Mineral & Material Technology, Bhubaneswar(IMMT)
- Development of ceramic proppant from low grade material (PLK, Fly ash):Scale up study in collaboration with JNARDDC, Nagpur
- Development of AP2XN Technology for electrolytic pot at Smelter plant in collaboration with RTA.

Highlights of other R&D achievements of NALCO

- Two patent applications (i) A process for beneficiation of bauxite ore to obtain an upgraded alumina (ii) Partially Lateritized Khondalite based Ceramic Proppants and its preparation were filed based on the Collaborative project findings.
- Six patent applications, filed earlier have been granted during the year 2017-18.
- In-house R&D unit of Smelter & Power (S&P) Complex and Mines & Refinery (M&R) were certified Department of Scientific & Industrial Research (DSIR), Govt of India till March 2018. For further re-certification till March 2021, necessary document has been submitted as per DSIR procedure.
- NALCO as a member participated in the meeting of “Committee for Establishing Technologies for Rare Earth (RE) extraction from fly ash & red mud” constituted by NITI Ayog.

B. Hindustan Copper Limited

Hindustan Copper Limited successfully completed **ESP dust to Cathode production R&D projects** during the year 2017-18

ESP dust to Cathode production- Waste to wealth project of ICC: Recovery of copper through leaching from ESP dust of flash smelter has been successfully carried out during the year 2017-18 at Ghatsila Smelter plant of HCL using Flash Smelting technology for conversion of copper concentrate having copper concentration around 25 % to matte having >50% copper grade which on further processing produces copper anode of 99.4 % grade copper. While carrying out Smelting operation in the flash furnace copper dust is generated which is being separated using ESP (Electrostatic precipitator). The characteristic of the dust does not allow recycling in full quantity because of its low Sulphur value, high insoluble content. The material if recycled act as a heat sink and causes lot of operation difficulties such as bottom build up, jamming inside furnace etc. It was tried to sold the product in the market but the value realization does not encourage to do so. In view of the above, conversion of this waste material was taken under R&D project to convert it into low grade copper cathode through hydrometallurgical treatment.

Major ongoing R&D projects:

Experiments on bismuth removal from electrolyte were carried out at GCP using barium carbonate at different dosage and temperature. Optimum dosage of Barium carbonate has been established at lab scale. Further the same experiment has been scaled up and done in refinery using commercial grade in existing operational conditions, it is observed that removal of Bi upto 58.5 % was observed at 6 kg/m3 dose.

Highlights of other R&D achievements

During the year 2015-16, a pilot plant was installed for recovery of valuable metals from Copper Ore Tailing (COT) at Khetri Copper Complex (KCC). The operation of the said pilot plant was successful.

Based on the successful study of the said pilot plant at KCC, the Company is in the advanced stage of installing Copper Ore Tailing (COT) plant with recovery facility of capacity 3.3 Million tonne per annum to recover the valuable metals and minerals from the tailing and reduce the mass in the existing tailing storage facility (TSF) so as to extend active life of TSF and unlock the value in the waste/Tailing at Malanjkhand Copper Project (MCP). A contract has been awarded for the construction of the plant on EPC mode at a cost of Rs 200 crore. It is expected that the plant will be commissioned shortly.

C. Uranium Corporation of India Limited

Uranium Corporation of India Limited(UCIL) conducted Pilot study for recovery of 50% of uranium from the waste generation stream of ion exchange during 2017-18.Successful completion and implementation of the project has helped in further reducing the uranium losses during the uranium recovery process in the processing plant.

D. Indian Rare Earths Limited

Indian Rare Earths Limited successfully completed following R & D projects during the year 2017-18:

R & D projects successfully completed during the year 2017-18	Benefits/ achievements/savings
Development of process flow sheet using OSCOM raw sand to separate heavies as IRZM based Con-A and Garnet & Sillimanite based Con-B with recovery aimed at >95% , HM content on tails(reject)<1%.	The developed flowsheet could improve the recovery of valuable minerals; reduce loss of minerals in tailings, better efficiency in separation of garnet.



Developed process for Production of Environmental secure Rare Earth oxide for use as cool pigment surface coating.	Processes for production of RE based cool pigments developed and is having potential for commercialization.
Developed process for production of nano size Lanthanum Phosphate for making non wettable crucible and Thermal protection tiles.	Pilot plant set for producing bulk quantities. Market study for suitable application carried out.
Development of process flow sheet for production of high purity quartz with maximum impurity of 0.5%.	Developed HM free Silica from IREL Chavara tailings fraction. Material dispatched to OSCOM for further testing at IMMT Bhubaneswar for production of Metallurgical grade silica.

Major ongoing R & D projects

Major ongoing R & D projects	Benefits/ achievements/savings
R&D studies for recovery of fine heavy minerals from the tailings fractions.	Portion of VHM lost in wet tailings in IREL plants are found finer in size. Studies being conducted for recovering these minerals.
Lab scale production of Ceric Ammonium Nitrate from Cerous Carbonate received form RED,Alwaye	Production parameters fixed and Scale up tests for kg level production started
Lab scale production of of Ceric Ammonium sulphate from Cerous Carbonate received form RED,Alwaye	Laboratory scale preparation under progress.
Development of process flow sheet for producing >99.9% Cerium oxide by solvent extraction	Process under progress.
Studies For Improving Recovery of Heavy Minerals at IREL Plants using Spiral Separators	Improvement in recovery of minerals by introduction of latest spirals in the wet sections of IREL plants.
Development of flow sheet for Up gradation of HM from Kakinada Port Area Beach Sand Minerals.	Flowsheet developed and report being prepared.

Highlights of other R &D achievements 2017-18

Highlights of other R &D achievements. 2017-18	Benefits/ achievements/savings
IREL Chavara- Ilmenite circuit Primary HTS	R&D studies for improvement of grade recovery at



Cond & Mids REDMS test works, Ilmenite circuit recirculating feed test on REDMS, Wet circuit sample in REDMS & RERMS	IREL Chavara. Based on studies REDMS procured & installed in plant.
IREL OSCOM – Feed to Garnet section test on Coronastat HTS, Feed to Ilmenite circuit test on Coronastat HTS and HUS output test on Coronastat HTS, REDMS IRMS for capacity increasing proposal.	R&D studies for improvement of grade recovery at IREL OSCOM.
Separation of Garnet from Offshore sand samples- Project being carried out for Geological Survey of India, Mangalore.- Consultancy project.	R&D studies for characterization of Garnet.
Separation of Masonry Grade Sand and Clay from sample from Kerala Water Authority Dam site.- Consultancy project	R&D studies for production of sand & clay.

4.5.1.6. Steel

A Rashtriya Ispat Nigam Limited

Major R&D projects successfully completed during the year 2017-18 and its benefits are given below:

Project	Benefits/ achievements/ savings
Identifying causes for crack development in billets and rounds during hot rolling of VSP	Minimization of cracks, Reduction in defect generation and customer satisfaction
Re-design of emergency containers for slag/steel dumping to eliminate refractory lining	Cost reduction due to reduction of specific refractory consumption by about 2 kg/T of liquid steel (Expected savings of `8 Cr./annum) increased availability of cranes for production
Optimization of Aluminium consumption in steel refining process in SMS-2.	Reduction of Aluminium consumption by 0.7 kg/T of liquid steel (Expected savings of `18 Cr./annum), clean steel production and improvement in castability
Suitability of BF slag as a replacement for river sand in civil construction	Fast disposal of BF slag by selling of BF slag at par with river sand, Internal usage for construction.
Briquetting of coke dust and solid wastes of CO&CCP	Resolution of environmental problem, conversion of hazardous wastes along with coke dusts into briquette for ease in handling and lesser consumption of coking coal



Split Water addition during Granulation in Sintering Process	Improvement in productivity of sinter plant
Study of optimization of sinter chemistry w.r.t. to MgO and SiO ₂	Range of MgO content in sinter is optimized to get the required slag chemistry at Blast Furnace without impacting Sinter machine productivity
Analysis and prevention of frequent occurrences of hood jam in Ladle furnaces of SMS-2	Increase in LF availability time by 6-8 hours per LF per month and increase in production of extra 12-15 heats per month/LF

Major ongoing R&D projects of Rashtriya Ispat Nigam Limited during the year 2017-18 are given below:

- Development of thermo-mechanically treated bars having improved seismic and corrosion resistance.
- Development of boron steel grades at VSP
- Feasibility study on Utilization of fly ash pellets as Ladle & Tundish covering compound
- Development of CO₂ Welding steel grade at VSP
- Organized five technical talks by eminent personalities in the field of Iron & Steel for the engineers of the plant.

B. Mishra Dhatu Nigam Ltd (MIDHANI)

MIDHANI successfully completed the following R&D projects during 2017-18:

- Development of Die steel:
H13 is a versatile Cr-Mo hot work steel that is widely used in hot work and cold work tooling applications (5% Cr, 1%Mo, and 1% V steel). It has good resistance to thermal fatigue cracking and excellent impact toughness. It is recommended for hot tooling applications where maximum resistance to cracking is required. The melting has been taken under ARC+ESR route and further forged to required size. The properties of the heat treated specimens were evaluated and found to be good. There is a huge market for die steels.

- Optimizing slag splashing technique to provide a sacrificial coating on the refractory lining and improvement of BOF campaign life.

Highlights of other R&D achievements during the year 2017-18 are given below:

- Four technical papers were published in International Journals. Five technical papers and one poster were presented in National and International Conferences.
- Development of Nickel Copper alloy (UNS N 04400):
Monel 400, Nickel Copper alloy (UNS N 04400) is a solid solution alloy that can be strengthened only by cold working. It has high strength and toughness over a wide range of temperature and excellent resistance to many corrosive environments. A development order from M/s Scholler, Spain has been received for supply of forged bars accordingly melting and further processing was done. After that properties were evaluated and found to be good.
- Development of Ti- casting:
Midhani has successfully made the Titanium casting, further evaluation is being done and found to be good. Erstwhile these were being imported. This will facilitate import substitution for Ti castings. These castings are to be produced through investment casting route.

Major ongoing R&D projects of MIDHANI in 2017-18

- Development of stainless steel alloy MDN 465
- Development of grinding media rods/balls for mining / grinding applications (HCL)
- Development of Tungsten containing maraging steel for HAPP,Trichy
- Development of Armour Steel for Defence Applications
- Development of Creep Resisting Steel MDN10-1-1 valve components
- Development of alloy powder for additive manufacturing
- Development & Production of NiCr18Co15TiMoAl alloy (equivalent to Udimet 720) triple melted forged bars (CSM Project).
- Development of Superni 750MW plates, sheets and bars
- Process Optimization for manufacturing of ring rolled components for high temperature applications (IIT Bombay)

- In house development of Ti6Al4V (Ti-31) Hemispherical forgings for LPSC
- Development of Spring Steel Rounds for Indian Railways

Highlights of other R&D achievements

- Simulation software such as Thermo-Calc and DEFORM have been successfully installed in R&D department.
- R&D department has conducted various seminars and conferences in association with IIM, Hyderabad Chapter.
- New R&D building has been inaugurated and all required amenities have been provided to the R&D members.
- R&D department of MIDHANI has entered into various Transfer of Technology agreements with reputed research institutions such as :
 - Fused Silica Radomes (DMRL)
 - Shape Memory Alloy products(NAL)
 - Development & production of NiCr18Co15TiMoAl alloy (CSM Italy)

4.5.1.7. Fertilizer

A. National Fertilizers Limited

Major ongoing R&D projects of National Fertilizers Limited:

Development of Applicator for Urea Ammonium Nitrate (UAN) application in collaboration with Indian Agricultural Research Institute (IARI):

NFL in association with Indian Agricultural Research Institute (IARI) undertook Urea Ammonium Nitrate (UAN) applicator design project. The major area of R&D work includes evaluation of UAN as nutrient source under basal, foliage, surface & as well as pressurized Fertigation for selected crops, design and fabrication of UAN applicators for basal and foliar application. Design of UAN applicators for Basal and Foliar system has been developed. Trials on wheat, paddy and vegetables have been completed successfully. IARI informed that the study on response of wheat and paddy crop to UAN indicated

comparative advantage in terms of yield, nitrogen use efficiency and fertilizer saving to the tune of 30 kg N/ha compared to prilled urea. IARI further informed that UAN as fertilizer has immense scope in improving crop yield and enhancing the Nitrogen use efficiency. However, for a developing country like India there is a need to develop infrastructure and logistics for popularizing liquid fertilizers.

Muriate of Potash (Mop) Project in Little Rann of Kutch, Gujarat

NFL in collaboration with CSMCRI (Central Salt and Marine Chemicals Research Institute) and Hindustan Salts Limited (HSL) explored the possibility of

production of MOP from 'sub-soil bitters' in Little Rann of Kutch (LRK) at Kharaghoda in Gujarat.

CSMCRI prepared and submitted a feasibility report for establishing a plant for production of 8000 MTPA of MOP with estimated time period of about 2 years with estimated Capital cost around ` 13 crore ~ ` 15 crore.

Before going for commercial scale production, the Pilot plant project of producing 100 MT MOP from around 1000 MT Mixed Salt was considered. NFL made extensive efforts to produce mixed salt (Raw material) / Muriate of Potash (MOP) at Little Rann of Kutch, Gujarat, however same could not be achieved due to low content of potash and high content of SO₄ in Mixed Salt produced. In this project production of mixed salt was in NFL's control, however the production of mixed salt of required quality and from that Mixed salt production of MOP was required to be established.

Considering that arrangement for around 1000 MT Mixed Salt of desired composition was not successful, further activities for establishing commercial operation plant of 8000 MT MOP were not feasible and hence project of producing MOP at LRK, Gujarat was closed in January 2018.

C. Rashtriya Chemicals & Fertilizers Limited (RCF)

Rashtriya Chemicals & Fertilizers Limited (RCF) has successfully completed the R&D projects for Use of cost effective coagulant in Sewage Treatment Plant, Water pH Balancer during 2017-18.

Major ongoing R&D projects of RCF

- **Formulation of Coating agent for Suphala (15:15:15) product:** The complex fertilizer, Suphala (15:15:15) is very susceptible to atmospheric moisture and tend to deteriorate due

B. The Fertilizers and Chemicals Travancore Limited (FACT)

Major Ongoing R&D projects of FACT:

- **Development of new Phosphate Rich Organic manure (PROM):** Understanding the importance of organic manure in improving the physical condition and to replenish the humus content of the soil, development of new lignite based PROM. The manufacturing process designed is also ecofriendly.
- **NPK mixture from ETP sludge:** Study was conducted and NPK based mixtures were developed from ETP sludge. The 10:10:10 NPK grade developed is under study.

Highlights of other R&D Achievements

- **Zinc fortified complex fertilizers-Factamfos 20:20:0:13:0.3** manufacturing process was developed and the manufacture of the zincated fertilizer was successfully carried out maintaining all the nutrient specifications.
- **Study on developing compost from raw Coir pith.** Formulated NPK mixture using composted Coir Pith and assessed the feasibility of using the composted coir pith as the carrier in Bio fertilizer production

to formation of cake & lumps during storage and handling. Various formulations of Coating agent were tried in Laboratory study. After these laboratory trials, the best coating agent formulation is shortlisted for plant trial run. Plant trial is planned to be taken in October 2018.

- **Production of Liquid Calcium Nitrate fertilizer** with Micronutrient like Boron, Magnesium & Zinc by using in-house Chalk.
- **Bio fertilizers with enhanced shelf life:** Formulation to enhance the shelf life of bio

fertilizers viz. NPK Composite, Phosphate solubilizing, Nitrogen fixing, Potassium mobilizing and Zinc bio fertilizers to minimum 2 years.

- **Nano Bio fertilizers:** Enhance the efficiency of bio fertilizers by using Nano particles.
- **Development of compost cultures:** Development of composting culture to fasten decomposition by waste by using different types of bacteria and fungi. Composting culture will be developed, tested in-house and then product will be commercialized.
- **Plant Growth Regulators:** Plant Growth Regulators are effective in improving the crop, quality and productivity significantly. Plant Growth Regulators (PGR's) are in developmental stage and are being tested in field at in-house.
- Development of Bio fertilizers for specific nutrients like Zinc solubilizing bacteria as an alternate for Zinc supplement is in progress. Also development of Crop Specific Micronutrient fertilizers for crops like cotton, pomegranate, citrus, banana and grapes etc is in progress.
- **Development of Silica based agro product:** Silica based agro product has been formulated and in-house trials completed with paddy, Okra and Spinach.

Silica based agro product enhances plant growth and development. The product can increase stress resistance, boosts photosynthesis and

chlorophyll content, it improves drought resistance, salt tolerance and soil fertility and prevent lodging.

- **Development of Nano fertilizers:** Nano organic fertilizers are developed with biologically synthesized nanoparticles. In house and Farmers field trials are conducted with use of Nano fertilizers. Trials are being conducted at Indian Council of Agriculture Research (ICAR) Institute –Indian Agriculture Research Institute (IARI), Pusa ,New Delhi on wheat and paddy cropping system. The trial will be conducted for a period of two years i.e. till June 2019. It is planned that this formulation will be applied for patent by the year 2020

Highlights of other R&D achievements

- R&D Unit has been awarded Recognition as “**IN-HOUSE R&D UNIT**”, by the Ministry of Science & Technology, New Delhi, for the period from 01.04.2016 to 31.03.2019.
- In-house production of 61 MT Compost by using horticulture waste.
- The NABL accredited laboratory facility opened for analysis of compost, soil, water and leaf testing on commercial basis.
- Development of field (around 1.3 Acres) for conducting experiments with newly developed products and further commercialization of the crop produce.
- Trials in farmers field for creating awareness about balanced fertilizer usage amongst farming community.

4.5.1.8. Heavy &Medium Engineering

A. Heavy Engineering Corporation Ltd.

R&D work undertaken by **Heavy Engineering Corporation Ltd.**

- Modification of operator cabin for EOT crane capacity (40+40)Tons, 30.5 mtrs span is being executed for RSP Rourkela, where the

cabin located/ assembled at the middle of girder of the crane as per customer's requirement.

- Cradle designed for load testing of 450Ton load for 450+100/20Ton and

450+100/16Ton ladle crane at Bokaro Steel Limited.

- Main trolley of 120+50Ton & 120+50/25Ton cranes was newly modified for proper rope falling to achieve required hook approach and successfully completed at BSP, Bhilai.
- Boom head pulley of 20/90 model Dragline designed changed from cast design to fabricated one in order to reduce manufacturing time & successfully completed, manufactured, supplied to NCL.
- In house designed, developed of new model Hydraulic Excavator (front shovel) of 5 cubic capacities power by diesel engine of 400kw and under executing prototype model of the excavator to cater the future market demand.
- Initiating the scheme to develop the individual track drive for the propel drive system of 10 Cubic meter rope shovels as per customer future requirement.

B. Goa Shipyard Limited

Major R&D projects successfully completed during the year 2017-18

During the year 2017-18 the following vessels which were in-house designed by GSL were constructed and delivered.

- The 1st and 2nd vessel of the class of Advanced Offshore Patrol Vessel for Sri Lanka Navy. The sea trials of this vessel revalidated over 10% improvement in fuel efficiency. The hull form achieved the required speed of 24 knots at 80% MCR compared to the requirement of 92% MCR. The In-house design efforts of these two

Highlights of other R&D achievements

GSL has been recognized as an in house R&D unit by the Dept. of Scientific and Industrial Research. GSL is the first shipyard to have been accorded this recognition. The

vessels saved about INR 28 Cr. towards design charges.

- The 5th and 6th vessel of the class of 06 Coast Guard OPVs. Due to the improved efficiency of the hull form, the vessel was able to achieve a speed of 26.5 knots against the design speed of 25 knots during the sea trials. This has also translated into a higher fuel efficiency of around 10% in cruising operation (12-16 knots speed) which is approximately 70% of the operating cycle of this vessel. The in-house design efforts of these two vessels saved about INR 12 Cr. towards design charges.
- The 2nd of the class Fast Patrol Vessel to Mauritius Police Force. This vessel recorded a trial speed of 37 knots against the design speed of 35 knots. The in-house design efforts of this vessel saved about INR 3 Cr. towards design charges.

Major ongoing R&D projects

As part of GSLs initiative to be market ready for future, the following Design and Development activities are in progress for Indian Armed forces as well as for exports.

- 90 M Landing Ship Tank
- 85 M Hydrographic Survey Vessel
- 105 M Multipurpose Vessel carrying 35 passengers
- 59 M Fast Attack Craft
- Development of Design for 85 M Training and Diving Support vessel
- New Generation Corvettes
- New Generation Missile Vessels
- Pollution Control Vessels
- Floating Docks

recognition has been further extended up to 2021.

C. Hindustan Shipyard Limited

Hindustan Shipyard Limited (HSL) has successfully completed the following R&D projects during the year 2017-18:

- IPV Rani Rashmoni for ICG.
The Inshore Patrol Vessel ICGS Rani Rashmoni was constructed by HSL for the Indian Coast Guard.
Following are the benefits / salient features of the IPV:
 - Ergonomic layout of bridge, engine room and accommodation spaces
 - Provision for dynamic reorientation of the ship in the planning mode with the use of interceptors.
 - Excellent seakeeping characteristics with a stable platform at Sea State 4
 - Best in class maneuvering characteristics
 - State of the art communication and navigation systems.
 - Most efficient in terms of fuel consumption.
 - Fitted with sophisticated water jet propulsion system to fulfill shallow water operation requirements
- 50T Bollard Pull Tug for Deendayal Port Trust
 - The 50T BP Tug Jyestha was constructed by HSL for the Deendayal Port Trust.

Major ongoing R&D projects of HSL

- Fleet Support Vessel for Indian Navy
- Diving Support Vessel for Indian Navy
- 10T BP Tugs for Indian Navy
- Berthing pontoons for DGNP (V)

Highlights of other R&D achievements

Perturbation Test for Fleet Support Vessel: Fleet Support Ship for Indian Navy is designed to carry one helicopter on helideck. In order to establish the pattern of wind flow on heli deck, Wind tunnel test and CFD Analysis had been undertaken.

Major ongoing R&D projects:

D. Mazagon Dock Shipbuilders Limited (MDL)

MDL has initiated action for creation of a navigational channel from yard's Northern water front to the Offshore Container Terminal (OCT) of the Mumbai Port Trust (MbPT). The channel beyond the OCT to the main entry channel and ND (Mbi) is being maintained by MbPT. A channel approximately 2.5 km in length with a draft of -4.0 MCD is envisioned to be created. The following feasibility studies were carried out by CWPRS Pune and WAPCOS Pune for carrying out the requisite studies and seeking environmental clearance:

- Mathematical Model studies for the Hydrodynamics and Siltation in the channel to finalize the channel alignment
- Wave transformation studies to determine the wave condition at the channel
- Dispersion studies to assess feasibility of usage of 'flood dumping ground' for the deposit of dredged material
- Ship navigation studies for the design of navigational channel in terms of width and depth through desk studies (considering the direction and strength of tidal current, waves and wind)
- Sub-bottom seismic profiling survey (Geophysical survey) for delineating depth to different sub-surface layers including rock topography.

The channel when becomes functional, will facilitate uninhibited movement of warships from MDL's water front (Dry Dock/Impounded Wet Basin) to the MbPT dry Dock, open ocean as well as ND(Mbi).

MDL is developing Design of Floating Dry Dock: an independent Submarine launch facility for launching of submarines.

MDL has identified the need to leverage the knowledge and expertise of people across the organization for technological excellence.

Specialist Groups have been set up in SB Design Department to enable personnel evolve best practices, improve processes and procedures based on experience and learning. The following Specialists Groups are functioning in warship design:

- Propulsion System Integration (PSI): Propulsion Shafting Installation & Alignment Problems and resolution; 'Shaft Designer' software
- Heating Ventilation and Air Conditioning (HVAC): Improvements in design
- (Finite Element based structural Analysis (FEA): Structural Analysis - Warship construction & block transportation / handling; equipment & seats strength analysis.
- Engineering Materials Application: New Engineering Materials for Warships.
- Ergonomics and Human Factors Engineering (HFE): Improved

ergonomics and habitability; aesthetics and interior design on board P15A Ships

- Noise and Vibration Assessment: Identification and implementation of noise and vibration reduction measures on-board ships
- RCS management: Detailed study
- Virtual Reality: VRL Utilization
- Weight monitoring and control: Identification and implementation new Weight Monitoring techniques for warships
- Standardization Group: Standardization of products / fittings

Highlights of other R&D achievements

MDL is the recipient of prestigious SOCIETY OF DEFENCE TECHNOLOGISTS (SODET) award during 2017-18 for Design and fabrication of lifting jig.

E. Electronics Corporation of India Limited (ECIL)

Major R&D projects successfully completed during the year 2017-18

S.No.	Project Title	Benefits/Achievements
1	Dual channel Continuous Air monitor (CAM):	It is used in Nuclear power plants, Reprocessing plants, Fuel storage and other nuclear facilities for measuring releases of air particulate radioactivity from the facility. This development has enabled import substitution, cost reduction and add to the radiation instruments profile of the company.
2	Linux Based ECSCADA HMI	The new generation Linux based Supervisory Control and Data Acquisition package offers an indigenous solution to promote secure process automation. This development has resulted in import substitution and a timely addition to Indian Nuclear program of the company.
3	Check Out System for Astra Missile and Launcher	It is a complex, ruggedized computer-based system developed & deployed in India's missile programme. This development has resulted in import substitution and cost reduction.
4	Electronic Warfare Software Components for Tactical & Strategic Applications	It is developed for use in tactical and strategic defense applications. This development contributed to expansion of company's business in defence sector.
5	Wide Band Digital Receiver System for EW	It is developed for strategic military COMINT application. This development contributed to expansion of company's business in defence sector.



6	1.8 m Tracking Antenna & Control System	It is developed for Automatic Tracking of UAVs(Unmanned Aerial Vehicles) to maintain continuous communication between UAV and Trailer based Ground Data Terminal (GDT). This development is for import substitution.
7	Radiation Oncology Information System (ROIS)	It is developed for Radiotherapy treatment. This development has enhanced the company's product profile in e-governance applications.
8	X-ray Baggage Inspection System EC SCAN 60	It is developed for screening of baggage at transportation hubs, hotels, government sites, and other security hold areas. This development resulted in expansion of company's product profile in security vertical.
9	Secure Manufacturing Software for M3 EVM and VVPAT Production	It is developed for secure manufacturing of M3 EVMS & VVPATS. The SMS preserves and ensures the integrity of sensitive data of EVMs, VVPATs and make them tamper-proof. This development has resulted in the expansion of company's product profile in Security, IT & e-governance.

Major on-going R&D projects of ECIL

- Flash X-ray System for imaging high speed projectiles
- Solid-state pulsed power modulators for RF LINACs
- Development of 100kW scalable microgrid for industrial and commercial facilities
- Wireless Sensor Networks (WSN)
- Development of Magnetic Jack Mechanism
- Radiation monitors for Nuclear facilities
- Advanced Spectroscopy Vehicle Monitor-Continuation
- Gateway System for Upper and Lower Level RMP Instruments used in ARMS for KKNP
- Liquid effluent monitor with SiPM and CsI Detector
- Pocket Dosimeter with Wi-Fi
- Wide Range Gamma Monitor
- Safety Integrity Level 2 Certification (SIL 2) for MPROGICON 5200PLC
- Modular PLC System for Class IA Strategic Applications
- Development of 500W UHF Power Amplifier
- Transmit Receiver module in 50MHz and 400 MHz band
- Class Room Jammer
- Development of Lithium Thermal Battery for strategic sectors
- Automatic Dependent Surveillance - Broadcast(ADS_B) Ground System
- Design and Development of Axi-Symmetric AVU
- Over All Planning System (OPS)
- Solid State Cockpit Voice and Data Recorder (SSCVDR)Along with Ground Replay Unit (GRE)
- RF SEEKERs for Missile Programme-Continuation
- Radar Digital Signal Processing (RDSP) System
- Compact Seeker for Missile Programme
- Indigenous X-Ray Baggage System
- X-Ray Imaging system for Cargo Container Scanners
- Expendable conductance Temperature & Depth Recording System(XCTD-RS)
- Universal Totaliser Unit for EVMs

- VVPAT Roll to Roll model for EVM
- Smart Grid Project
- Encryption for STM- 16/64 and OUT-1&2
- Design and Development of Encryptor Attachment Unit (EAU) for Motorola make PDA
- Development of Secure Ruggedized Tablet
- Development of Restrict Services (RS) Receiver for NAVIC, Indian Regional Satellite Services
- Design and Development of ASA and AUA/KUA Platforms for Aadhaar Authentication with UIDAI
- Customer Services Management Information System (CSMS)
- R&D Management Information System
- Smart Manufacturing System

Highlights of other R&D achievements

- ECIL establishes Tri-band Ground Station at Indian Research Station “Bharati” at Antarctica. It’s a Triband (S/X/Ka) Data Reception System (DRS) for Ground Station Earth Observation Satellites at Antarctica to receive and retransmit remote sensing LEO Satellite data to NRSC Shadnagar, India.
- ECIL made Seeker system used in BrahMos Supersonic Missile, was successfully test fired at the Pokhran in Rajasthan on 22nd March 2018. The SEEKER system, indigenously developed was a key contributor for increasing the effectiveness of the precision strike of BrahMos missile. ECIL had collaborated with the Bhabha Atomic Research Centre (BARC), Defence Research and Development Laboratory (DRDL) and BrahMos Aerospace, to develop the SEEKER system.
- The flight trials, for functional evaluation of indigenously developed Ku-band Airborne SATCOM Terminal (AST) on board AEW&C was successful. Voice and data communication was successfully established between Aircraft and GES during the flight

trials using this terminal integrated with the BBU developed by DEAL.

- 4.6 meter Ship-Borne Antenna System jointly realized by ISRO, ECIL and BARC has successfully tracked PSLV-C38 launch vehicle in mid sea. Tracking of the launch vehicle and satellites had been carried out successfully and the system meets the designed specifications.
- ECIL has designed developed 7.5m Data Reception, Telemetry Tracking & Control station for RCI Ground Station (RGS) to control & configure ground station subsystems as per Kautilya mission requirements.
- EC-PoS Field trials Successful at Department of Food & Civil Supplies, Punjab
- ECIL got ELCINA-EFY Award for Research & Development the year 2017-18
- ECIL Got SKOCH Order of Merit and SKOCH Award for the year 2017-18 for Research & Development

F. Bharat Dynamics Limited (BDL)

BDL has successfully completed the CMDS projects (In-house) and its variants for various platforms in 2017-18. Due to this BDL has achieved Foreign Exchange savings to the tune of Rs 46 Cr in 2017-18.

Major R & D projects successfully completed during the year 2017-18 by BDL are :

CMDS Mirage:

BDL has designed and developed CMDS for Mirage 2000 I/TI upgrade Aircraft. RCMA (Missiles) has issued clearance based on the results of flight trials on 31st July 2017, Series production has been started and first batch of Test Equipment and spares were delivered to HAL/IAF on 12th Dec 2017.

Advanced Data Field Loader (ADFL) for CMDS:

ADFL has been designed and developed as part of MoU with MoD for preparing and loading Pre-flight Message (PFM) into Counter Measures Dispensing System (CMDS) installed on aircrafts/Helicopters. The product is a compact and light weight system

developed using personal Digital Assistant(PDA)/palmtop device.

Major ongoing R & D Projects

- Amogha-I is a 2.8km range Semi-Automatic Command to Line of Sight (SACLOS) Anti-Tank Guided Missile (ATGM) for infantry. Missile design has been validated by conducting test firings. Production documents are being prepared.
- Amogha-II is Radio Frequency guidance, Semi-Automatic Command to Line of Sight (SACLOS) ATGM for Mechanized Infantry with range of 4km. The development of the missile is under progress. Test firing of Amogha-II from Ground Launcher was successful carried out in 14th October 2017.
- It is a 3rd generation fire and forget, IIR seeker based ATGM. System configuration has been finalized. Design of sub-system is under progress.
- Control Panel for Reactive Management Firing (RMF) 101-B and Junction Box control (JBC) 101-B for c303 Counter Measures System.
- Dispenser Unit for 50mm diameter round cartridge for Sukhoi Aircraft:
- D&E has designed 50mm Diameter round Cartridge Dispenser for dispensing 50mm diameter round cartridge to protect Russian make aircrafts from incoming missile threats.

Highlights of other R & D achievements

- BDL has received **Hon'ble Raksha Mantri's Award** for Excellence for Amogha-I Anti-Tank Guided Missiles in Innovation category on 30th May 2017.
- R&D facilities like Computational Fluid Dynamics, Spectro- Radiometer, Advanced Structural and Thermal Analysis software, 3D Scanner, Rapid prototyping and Reliability

software and other Development tools have been established.

- Infrastructure has been established for integration for MPATGM at BDL (Bhanur Unit).

G. HMT Limited.

Major R& D Projects successfully completed during the year 2017-18:

- Successfully designed, developed & supplied Oil Country Lathe L60CNC/1500 with double chucking technology to M/s ONGC, Baroda.
- Successfully Designed, Developed & supplied 2 nos. of 4 Guideway Lathe HDL CNC/6M having weight 10 tons with steady rest to M/s Steel Factory, Ishapore.
- Successfully designed, developed headstock for 4 Guideway Lathe having carrying capacity 700 of 20 tons with technical co-operation of Fraunhofer, Germany.
- Successfully designed, developed & manufactured one no. Multi tooling Shell Turn machine.
- Successfully developed Special Purpose Machine CMT 200 for machining Brake Actuator shaft cam milling operation for automobile industry.
- Designed, Developed, Manufactured State-of-Art Machine "BH-112"(3 Axis CNC Vertical Facing Mill) to M/s ISRO, SHAR for machining hazardous rocket motor solid propellant and high speed machining of motor casing insulation.
- Designed, Developed and Manufactured Twin Ram VTL machine VT-522 for NFC, Hyderabad for machining operations like Boring, Counter Boring, Grinding of HEP and VPP containers.
- Designed & Developed Spent Fuel Chopper machines H1914 and H1915

valued Rs.22.18 Cr for BARC, Mumbai for cutting 37 Pin Bundle.

- Successfully Designed, Developed & Manufactured for the first time 3 Axes CNC Rotary Surface Grinding Machine Model RSG-600 CNC for M/s Heavy Vehicles Factory, Avadi, Chennai for grinding various types of components.
- Design and developed successfully Crate Washer Cap. 800 Crates/Hr

Major ongoing R& D Projects :

- CNC Fine Boring machine Servo.
- Manipulators, Heavy duty CNC grinding machines.
- Development of Cleaning In Place system with PLC programming.

- Can Washer Cap. 600 Cans /hr is.

Highlights of other R& D achievements :

- High resolution C Axis facility for SBCNC 60 N machine developed in association with Fraunhofer, Germany.
- Established super duplex steel which is a superior material compared with machine steel grade steel for manufacturing critical components of Directing Gear.

H. Hindustan Aeronautics Ltd.

R&D Projects	Achievements
Light Combat Helicopter (LCH)	On 26 th Aug 2017, HAL received the Initial Operation Clearance (IOC) certificate from the Center for Military Airworthiness & Certification (CEMILAC) for successfully developing of 5.8 ton category Light Combat Helicopter (LCH) and Hon'ble Raksha Mantri declared the launch of production of LCH.
Dornier Do-228 Civil Variant	Certificate of Airworthiness was received from DGCA for HAL manufactured Dornier Do-228 Civil Variant aircraft on 21 st Dec 2017 to enable its use as a passenger transport aircraft to cater the requirements arising from UDAN (Ude Desh ka Aam Nagrik) initiative under Regional Connectivity Scheme (RCS) of Govt. of India.
Mirage 2000 Upgrade	Final Operation Clearance (FOC) for upgrade of Mirage 2000 has been completed successfully and acceptance letter has been received from Air HQ on 22 nd Mar 2018.
Hawk-i	Maiden flight of indigenously upgraded Hawk Mk 132 aircraft (HAWK-i) was successfully conducted on 1 st Feb 2017. This programme was taken up by HAL in an effort to be self-reliant in matters such as integration of new sub-systems or modifications, obsolescence management of avionics systems and to enhance the aircraft operational and training capabilities of the Hawk aircraft. The aircraft has been dedicated to the nation by Hon'ble Raksha Mantri on 26 th Aug 2017.
Integration of Brahmos on Su-30 MkI	Brahmos Missile has been test fired successfully for the first time from Su-30 MkI on 22 nd Nov 2017.

Major ongoing R&D projects

- **ALH (Dhruv) Weapon System Integration:**IOC for Army variant Helicopter was achieved in Feb 2013 and

IOC for IAF variant was received in Dec 2015. Anti-Tank Guided Missile(ATGM), Obstacle Avoidance System, IR Jammer, Nuclear Biological Chemical (NBC) sensor and Data Link which are yet to be defined / finalised by User and are proposed to be

integrated under the “Phase-II programme of WSI on ALH”.

- **Light Utility Helicopter (LUH):**The LUH is a single engine, 3 Ton weight class helicopter having Glass Cockpit with Multi-Function Displays. The LUH will be deployed for Reconnaissance and Surveillance role. The helicopter will be capable of flying at 220 Kmph; service ceiling of 6.5 Km and a range of 350 Km with 500 kg payload. Flight test required for certification of the platform is being carried out on two prototypes.

Manufacture is planned to be taken up at the new facility coming up at Tumakuru near Bengaluru for which the foundation stone was laid by Hon’ble PM on 3rd Jan 2016.


- **Basic Turboprop Trainer Aircraft (HTT-40):** HTT – 40 is the Basic Trainer aircraft currently being indigenously designed and developed by HAL. HTT-40 would be used for basic flight training, aerobatics, instrument flying and close-formation flights whereas its secondary roles would include navigation and night flying. Features of the aircraft include Air conditioned cockpit, Tandem seating, Zero-Zero ejection seats and Multifunction Displays. The aircraft has the capability to be converted to armed / weaponised version at a later stage.

The program has been taken up with internal funding. The maiden flight of the aircraft was held on 31st May 2016 and inaugural flight in the presence of Hon’ble RM was held on 17th June 2016. Flight test required for certification of the platform is being carried out on two prototypes.

- **Jaguar DARIN III:** Three aircraft have been inducted for Design and Development activities. Initial Operation Clearance (IOC) of Jaguar DARIN III received in Feb 2017. Further trials are under progress for Final Operation Clearance (FOC).

Highlights of other R&D achievements

- Hot refuelling on indigenous LCA-Tejas has been carried out successfully and followed by a sortie on 26th Feb 2018.
- First successful test run of “Hindustan Turbo Shaft Engine (HTSE) -1200 engine” technology demonstrator was carried out on 12th Feb 2018.
- First unit of successfully developed 8 kg Mini UAV has been handed over to CRPF on 7th Sep 2017 in presence of Hon’ble Defence Minister and Hon’ble Home Minister.
- First flight of Jaguar DARIN III aircraft with AESA radar was conducted on 10th Aug 2017. AESA Radar has improved features like Multi Target Tracking, Frequency agility, Higher Bandwidth of operation, interleaved modes of operation, higher accuracies and resolution in addition to Higher MTBF.
- “Hawk-i” aircraft integrated with indigenously designed & developed Real Time Operating System (RTOS) has successfully flown on 11th Dec 2017. HAL’s RTOS performance is benchmarked with other commercially off-the-shelf RTOS available around the world in avionics domain and found at par.
- The maiden flight of indigenously developed Automatic Flight Control System (AFCS) integrated on LCH has been conducted successfully on 31st Jan 2018. The flight of 20 min duration saw flawless system engagement throughout.
- HAL, SLRDC, Hyderabad has successfully completed in-house design and development of Radio Proximity Fuze (RPF 1000M AK1S) radar for AKASH Mk-1S missile and test fired on 5th Dec 2017 at Integrated Test Range (ITR), Chandipur.
- HAL successfully completed Bird Strike test on ALH rotor and structural



components at Bird ingestion facility at GTRE. A report was handed over by GTRE to HAL on 10th Apr 2017. This is a major milestone towards EASA certification of ALH Civil Version.

- HAL RWRDC successfully designed developed and integrated skis on wheel landing gear of ALH Mk III. The landing trials on snow of ALH MK-III (wheel version) were completed successfully at Srinagar during 8th to 12th Feb 2018, enhancing the operational capability at high altitude. The landing and take-off trials were carried out on three helipads with soft and medium hard snow.
- The basic technology demonstration of Indigenous Digital Map Generator (I-DMG) Technology Demonstrator Engg Unit of Su-30 MkI has been carried out successfully in Mar 2018.
- HAL received the raw material phase clearance certificate for Attitude Heading Reference Unit (AHRU) for ALH from RCMA in Mar 2018.
- HAL has successfully developed test equipment for testing of Combined Engine Regulator (KRD-99B) of AL31 FP engine in Mar 2018. KRD-99B is the electronic hydro-mechanical system for engine adjustment and control and provides signal to engine controller and flight data recorder. The test bench was developed using serviceable components retrieved from salvaged equipment.
- ARDC developed New Pitot Static System for Kiran Aircraft to overcome problem of obsolescence issue. The embodiment of the New Pitot Static System Mod was cleared and the cost saving is approx 80% of import cost.
- The state-of-the-art AL-31 FP engine test facility at 2 Wing of IAF commissioned by HAL is the first indigenously designed and developed open air aero engine test bed in India. Built on a modular concept, the facility provides a platform to carry out independent checks on the engine,

monitoring and recording of engine health parameters.

- Test Bed for LCA engine (GE-404 / 414) testing designed and developed by HAL AERDC was handed over to Air Force station Sullur on 27th Sep 2017.
- HAL integrated Astra, Beyond Visual Range missile on Su-30MKI aircraft, was tested successfully against actual target by IAF in full operational configuration during 11th -14th Sep 2017 exercise in Balasore off the Odisha coast.
- The first production batch of indigenously developed MEMS Pressure Transducers for use on Cheetah/Chetak/Cheetal helicopters was handed over by IISc Bengaluru to HAL on 5th Sep 2017.
- Thermal controllers (Normal and Overheat) of Windshield Heating system of Do-228 aircraft has been successfully designed and developed in Jun 2017 and clearance for the same is obtained from RCMA, Kanpur.
- HAL has successfully developed Dummy Crystal Maze Missile for Mirage-2000 aircraft upgrade programme. The Dummy Crystal Maze missile is termed as Mass Simulated Vehicle (MSV) developed for the purpose of validating the separation studies carried through CFD. MSV represents 1:1 scale of actual Crystal Maze Missile of 1.1 ton class of stores.
- The Gas Turbine Electrical Generator (GTEG-60), indigenous turbo generator designed and developed by HAL for An-32 aircraft has successfully completed vibration and acceleration tests at the existing in-house test facilities.
- HAL has successfully indigenised brake heat pack for Naval Aircraft Yard, Goa for use in MiG – 29 K/KUB aircraft.



I. Rajasthan Electronics & Instruments Limited
Major R&D Projects successfully completed during the year 2017-18

Remote Monitoring Unit for Solar Water Pumping System

The main benefit of the RMU is that all Pumps status and operations can be monitored live. All data are available on a localised central server, which can be seen anytime, anywhere. Summary reports like power consumed, water level graphs, flow rate graphs can be generated at the centralised server and can be exported to excel.

Solar Pump Controller for existing AC Pumps:

The Company has developed and submitted the prototype on 24.11.2017 for certification of Solar Pump Controller for existing AC Pumps.

The Solar Hybrid Electric Vehicles Charging Systems:

The Solar Hybrid Electric Vehicles Charging Systems 3 nos. were developed and installed under the FAME Scheme of Department of Heavy Industry, Ministry of Heavy Industries & Public Enterprises, Government of India with the objective to promote Electric Mobility under National Electric Mobility Mission Plan (NEMMP).

The Solar Hybrid Electric Vehicles Chargers developed & installed charge the EVs on AC and the charging time varies from 3-7 hrs depending upon the battery status.

Next Generation DPU (NG-DPU)

The development of Next Generation Data Processor Unit (NGDPU) was taken up. It has advance features like USB file transfer using USB Protocol to support data transfer through Pen drive, 10/100 base Ethernet port to provide internet connectivity, Real Time Clock (RTC) to maintain timeline of data, GSM/CDMA modem for data

connectivity in remote area & live update of transaction on server, serial ports to communicate with other peripherals, USB mouse and capacitive touch LCD for user interaction.

Remote monitoring, control and data acquisition for Bulk Milk Cooler (BMC)

The main objective of the Remote control and data acquisition for Bulk Milk Cooler (BMC) is for better milk management, optimization of chilling cost, power consumption/ production from Solar/Grid/DG and online monitoring for milk temperature & quantity stored at BMC to protect the milk from getting sour.

Highlights of other achievements

Certification & Model Approval of Electronic Weigh Scale

The development of Electronic Weigh Scale was completed successfully after rigorous field trials. The Company received the Model approval in respect of the product developed from Weight & Measures department of, Ministry of Consumer affairs, Government of India and has taken up manufacturing in-house.

Patents & IPR

Securing intellectual property is ensured through filing of IPRs in respect of technologies/ designs developed. The Company has been granted patent for "Smart Auto EMT" this year & filed application for grant of Patent in respect of Next Generation DPU developed through in-house R&D efforts.

J. ITI Limited

Major Systems developed by R&D in FY 2017 - 18:

- Encryption Systems for Defence
- Network solutions for Defence Communication Network
- Power supply modules

- Network solution for DCN network of Defence.
- Encryption Products:
 - Terminal end Secrecy Device (TESD) for Defence Communication Network
 - Internet Protocol (IP) Encryptors for Satellite Communication Network
 - Next generation Network (NGN) Bulk Encryption Units (BEU) for Media Security
 - Multi Channel Encryption Units (MCEU) for Network for Spectrum (NFS)
 - Encryption products for Army Static Switch Communication Network Ph IV

R&D Achievements during 2017-18

- Successful Lab evaluation/Hardware verification of MCEU secrecy equipment by BSNL/NFS and obtained technical clearance to obtain order worth Rs. 85 Crores for package C & D of NFS tender.
- Grading from SAG for TESD & SESD Encryption equipments of DCN
- Completion of development of Encryption system(s) of STM-16/64, OTU-1/2, MCEU.
- R&D accreditation by DISR obtained & became eligible for exemption of Govt levies/taxes for R&D expenditures.
- Identified new development projects for diversification in new fields viz: ISS (EVM) ballot system & IRNSS receivers in association with ISRO.

Major Ongoing R&D projects

Following are the major ongoing projects at R&D, in which diversification initiatives have been undertaken:

- Development of IRNSS-RS receivers in association with ISRO
- Development of Ballot Systems
- Development of products for Smart City
- Development of IoT products e.g. Smart Post Box etc.

4.5.1.9. Crude Oil

A. Oil & Natural Gas Corporation (ONGC)

R&D activities form the basis of Exploration and Production activities for hydrocarbons. Brief descriptions of various R&D projects completed during 2017-18 by ONGC are given below:

R&D activity/ Projects	Outcome/ Impact of R&D Activity
Reservoir characterization to evolve regional Karstification model and prospectivity analysis of Bassein Formation in Heera-Panna-Bassein and Eastern Homocline, Western Offshore Basin	For the first time, the Karstified zones were mapped in the entire Heera-Panna-Bassein which has implications for future well placing and design.
Structural Modeling of major tectonic elements of Eastern and Western margin basins of India	Study unravels the evolutionary history of the associated sedimentary basins. The impact of regional tectonics on evolution and progressive deformation along major tectonic elements and their impact on sedimentation process have been brought out along with estimates of shortening, uplift and erosion. Timing of formation of major structures, which is of critical importance to charge migration and accumulation, has



R&D activity/ Projects	Outcome/ Impact of R&D Activity
	also been brought out.
Fault seal Analysis in Jambusar area, Western Onland Basin.	Fault seal analysis of the area resulting in demarcation of sealing/ non-sealing faults which will facilitate in suitable placement of locations besides designing well trajectory.
Identification of alternate methodology for hydrocarbon resource assessment of Category IV sedimentary basins of India.	The new assessment approach involving play based approach of Norwegian Petroleum Directorate (NPD) and Total Petroleum System Approach of USGS to get undiscovered resources for potentially prospective basins was applied to reduce subjectivity associated with geological analogy for resource estimation. The methodology has been applied in Satpura basin.
Biogenic gas plays analysis of Shelf margin, area in Mahanadi Offshore.	It resulted in developing a model for biogenic gas play. The study suggests that gas is accumulated in zones with poor reservoir characters while better facies is devoid of gas.
Depositional Model of Bhubanagiri Formation in Ariyalur-Pondichery sub basin.	The depositional model prepared has identified four prospective locales in the area.
Tectonostratigraphic modelling of Synrift sequence of Cauvery onland.	The study identifies two prospective locales in the study area.
Application of Multi-sensor Remote Sensing data for detailed mapping of Structural and Lithological elements from Badarpur to Jiribam area in North Corridor of Cachar	<p>A new approach has been attempted in the present work to extract detailed spectral information related to physico-chemical characteristics for the entire study area, using high resolution ASTER VNIR-SWIR and TIR image data, without any visual interpretation bias. Structural analysis has been carried out using these images along with SRTM DEM and drainages to identify structural elements.</p> <p>Full spectral processing of the ASTER TIR surface emissivity data has resulted in generation of spectral lithologic map of the study area. Based on morphotectonic analysis, two new geomorphic highs in Udarband and Baraitoli area have been identified.</p>
Multi-source Remote Sensing Structural and Spectral Analysis for Hydrocarbon Prospectively in Andaman-Nicobar Islands:	A maiden R&D analysis of ASTER multispectral data in visible through shortwave infrared and thermal infrared ranges of electromagnetic spectrum and Shuttle Radar Topography Mission (SRTM) DEM data for Andaman & Nicobar Islands was made to bring out spectral characteristics relatable with the



R&D activity/ Projects	Outcome/ Impact of R&D Activity
	outcrop lithology and soils, as well as additional structural details. Species has confirmed presence of characteristic alteration mineral species known to be associated with hydrocarbon microseepage. The work is expected to provide inputs for future exploratory efforts in the onland Andaman & Nicobar Islands.
Development of in-house Software, viz. 'Automated Morphostructural Analysis':	A python based code was generated that would automate the entire process of morphostructural analysis. Morphostructural Analysis refers to analysing geomorphic manifestations of neotectonically reactivated subsurface structures and forms an integral part of initial input to structural modelling studies of a basin/ area. Entitled "Automated Morphostructural Analysis" (AMA). Copy right has been obtained on the basis of this study.
Development of process entitled "Modified Forced Invariance Technique for Suppression of Vegetation Response in Remotely Sensed Multispectral Image Data" Software, viz. 'Automated Morphostructural Analysis':	<p>The process developed helps to enhance surface lithologic response in vegetation covered areas. This process is an improvement over the well-known and widely implemented "Forced Invariance" algorithm first proposed by Crippen & Blom (2001) whose results were oversaturated in thickly vegetated areas.</p> <p>The present methodology has helped to overcome undesirable overcorrections, especially for spectral outliers (bright pixels).</p>
Identification of chemical formulation for controlling high water production in low temperature reservoirs of Ankleshwar area.	<p>The study has highlighted the following:</p> <p>Five polymers viz: Daipol WS-42, WS-44, WS-53, WS-106, and Alcoflood-955 are found suitable for gelation studies for low temperature reservoirs.</p> <p>Formulations prepared with five polymers i.e. WS-42, WS-44, WS-53 WS-106 and Alcoflood- 955 are thermally stable up to 16 weeks at 45°C, 55°C and 65°C.</p> <p>Recommended formulations are soluble in 15% HCL at reservoir temperatures of 45°C, 55°C and 65°C.</p> <p>This formulation may be used in low temperature reservoirs for water shut off jobs.</p>
Feasibility study on production of microbial oil from oleaginous fungi	<p>In this study two potential oleaginous fungal strains, namely, <i>Aspergillus niger</i> and <i>Aspergillus welwitschiae</i> were isolated and found suitable for microbial oil production at laboratory scale. The biomass was obtained in the range of 27.7 to 10.7 g/l and lipid concentration in the range of 41.9% to 11.6%.</p> <p>The study will be helpful in developing biofuel from oleaginous</p>



R&D activity/ Projects	Outcome/ Impact of R&D Activity
	fungi as an alternate source of energy.
Petroleum Generation and Expulsion Studies using Kinetic Studies in Western Margin Basins	Custom kinetics were generated on immature SRs of Jurassic to Eocene age at several locations of Cambay, Mumbai Offshore, Kerala Konkan and Jaisalmer basins. Timing and extent of kerogen transformation has also been evaluated. Customised kerogen kinetics will lead to more authentic GME model.
Identification of Taxon specific biomarkers in oils from Kutch-Saurashtra and KG Basin.	<p>Biomarkers specific to Cenozoic and Mesozoic era could be identified in the rock extracts and oils of KG and Kutch-Saurashtra basins which will help in more precise oil-oil and oil-source correlations.</p> <p>Mesozoic –Tertiary (!) and Mesozoic-Mesozoic (!) petroleum systems have been identified for Kutch Basin.</p>
Development of geochemical extraction method of Uranium from subsurface deposits.	<p>Uranium concentration in cores of Kaikalur-Lingala (KG Basin), Karjan-Padra (WON Basin) and Son valley (Vindhyan Basin) was determined and chemical processes for optimum in-situ leaching of Uranium were developed for each of these three areas.</p> <p>The developed methodology for Uranium in situ leaching from subsurface deposits will be helpful in future exploration of Uranium at shallower depth in Kaikalur Lingala, Son valley and Karjan Padra areas.</p>
Organic biogeochemical techniques to evaluate the biogenic gas potential in sediments of Western Offshore Basin.	<p>Methodology to delineate biogenic source sequences based on various biogeochemical parameters has been developed in Shelf Margin area of Western Offshore Basin. The methodology has been developed for the first time in ONGC.</p> <p>This will be helpful in delineation of areas having biogenic source sequences and facilitate in biogenic gas exploration.</p>
API of GM data in Agartala Dome and Kunjaban area.	Identified and demarcated the low density zones that envisaged to be gas bearing zones. Established that Agartala Dome and Kunjaban are separated by relatively high density ridge like feature.
In-house developed polymer gel formulations for Water Shut Off/ Profile Modification jobs in the wells of ONGC fields.	New product development



R&D activity/ Projects	Outcome/ Impact of R&D Activity
Application of MEOR processes viz. MEOR jobs in huff-n-puff mode and PDB jobs for paraffin degradation in tubulars in Mehsana & Ankleshwar Assets	process improvement
In-house developed "AcidEX" Software	New product development
In-house developed "CorePro" Software	New product development
In-house developed smart system 'DWIJ' for accessing digitized R&D reports.	New product development
In house developed Map Digitization software.	New product development
Bioremediation of Crude oil affected sites of Assam Asset & A&AA Basin Jorhat for Eco-restoration and Environmental Sustainability.	This process helps to enhance the bioremediation rate in field jobs for timely met the goal of control of pollution and environmental protection. Total 23344.6 M3 effluents in different effluent pits of A&AA Basin and Jorhat Asset were successfully bioremediated.
R&D project entitled 'Production of hydrocarbon oil via hydrothermal liquefaction (HTL) of microalgae grown on flue gas and organic nutrients recycled from HTL unit' with IIT,Guwahati under ONGC PAN-IIT program.	Filing a joint patent is in progress.
Flow assurance and gas lift optimization of wells of VSEB & VSEC	413 BOPD
Production enhancement through stimulation of tight reservoir in wells of Western offshore fields (MOU Project)	40740 bbls of oil
Innovative technology for gas production enhancement in low producing wells of Assam, Tripura & Mehsana Asset (MOU Project)	30,000 SCMD of gas



R&D activity/ Projects	Outcome/ Impact of R&D Activity
Implementation of VFA, DPRAS, Xylene & solvent based and other IOGPT designed stimulation jobs in MUMBAI offshore	5,55,482 bbls of oil
Feasibility study for utilization of produced water from Jhalora GGS-I, GGS-II and Nawagan desalter plant	Developed new technology for converting produced water to re-injectable water quality Ahmedabad is going to utilise the technology at Gamij field where presently no ETP is available
Seismic driven 3D geo-mechanical modelling of KG-DWN-98/2	This will help in bringing out workflow for a Geo mechanical model for helping in well placement and design that will help placement of accurate locations in the difficult to explore deep water blocks like KG-DWN-98/2
Framing of tentative Specification of Mixed Metal System	Mixed metal system (MMO/MMH) designed, formulated and evaluated by IDT is a cost-effective fluid system with excellent shear-thinning rheological properties. Provides prudent solutions for losses in nearly all types of Loss Zones. LOA of Additives for MMO/MMH Drilling Fluid System for field Implementation in western offshore is placed.
Design of Directional Well # BH-6 of B&S Asset, Mumbai	Formation pressure of this well was 3-4 ppg equivalents and Severe mud loss is a huge problem in Base formation. Comprehensive well plan consisting of directional profile, casing design, hydraulics, drilling fluid policy, cementing policy has been suggested. Well # BH-6 of B&S Asset, Mumbai has been successfully drilled in May, 2018.


Major ongoing R&D projects are as under:

- Design and development of a completion fluid for HPHT wells with 2.0-2.5 sg stable from 450-550 deg F under PAN IIT ONGC collaboration.
- Effect of pore structure of Indian gas shales on its methane and CO₂ adsorption behaviour.
- An organometallic fingerprinting proxy to locate shale oil pools.
- Estimation of petro-physical properties from seismic attributes and well logs using advanced artificial intelligence.
- Application of Passive Seismic Technology (3D Tomography) for sub-surface mapping.
- Development of 3D Geomechanical Model for stability analysis of Production Borewell.
- Root Cause Analysis for subsidence/ uplift observed at North Heera field in Western offshore by developing suitable Geomechanical Model.
- Optical diagnostics of transport phenomena during Gas Hydrate formation and dissociation with IIT Kanpur.
- Evaluation of spatial distribution of methane gas hydrates in sediments, their influence on geotechnical properties, and geo-mechanical modelling for sea floor stability with IIT Bombay.
- Development of Phytoremediation Protocol for Bioremediation of Crude Oil Contamination.
- Production of hydrocarbon oil via hydrothermal liquification (HTL) of microalgae grown on flue gas and organic nutrients recycled from HTL unit.
- Development of Direct Hydrocarbon Solid Oxide Fuel Cell (SOFC).
- Ichnofabric analysis and high resolution sequence stratigraphic modeling.
- Modelling and imaging of Gas Hydrate reservoirs using integrated techniques.
- Develop a robust Petrophysical and Rock physics model to estimate Petrophysical properties (mineral volume, primary porosity, secondary porosity, water saturation) and elastic properties (Vp, Vs and density) in hydrocarbon bearing carbonate reservoir.
- Application of Sparse Layer Inversion and Compressive Sensing for Thin Layer Reservoir Delineation using Seismic Data.
- Determination of fluorinated aromatic carboxylic acids in aqueous reservoir fluids using solid-phase extraction in combination with gas chromatography-mass spectrometry.
- Production of hydrocarbon oil via hydrothermal liquification (HTL) of microalgae grown on flue gas and organic nutrients recycled from HTL Unit.
- Process optimization and scale-up of bioethanol production using fractional hydrolysis and high cell density co-fermentation technique.
- Development of polymer/bio polymer viscosifier (like Xanthan gum) for temperature stability up to 250 degree C for use in drilling fluid.

B. Oil India Limited

Major R&D projects successfully completed during the year 2017-18

R&D activities are undertaken primarily with the focus of solving field related problems with regards to increasing oil & gas production. R&D Department carries out applied research to develop in-house remedial solutions in the areas of petroleum geochemical exploration, enhanced oil / improved oil recovery, oil field chemicals, flow assurance, water shut off, well stimulation, petroleum microbiological intervention to mitigate microbial corrosion and for microbial enhanced oil recovery etc. Majority of the projects during the current year are continuation



of the earlier projects and studies. The continued ongoing projects and new projects/studies undertaken during the year 2017-18 are as under:

Reservoir Fluid Identification through Geochemical Analysis of Sidewall Cores

Application of this technique has helped in identifying and delineating oil-bearing and water-bearing zones. It has also helped in determining the oil type prior to production testing.

Solvent Stimulation jobs for production enhancement

During the year 2017-18, R&D Department designed and supervised six (06) solvent stimulation jobs in oil producing wells. The solvent stimulation recipe was designed based on In-house laboratory studies using available solvents in stock with OIL and well site supervision was ensured so as to complete the entire job as per the planned operational sequences and within the designed pumping rates and pressures.

Creation of in-house capability for Water Shut Off (WSO) studies

The in-house capability has been developed in 2017-18 in the area of designing & optimizing the gel formulation.

Rheological and Thermal behaviour studies on crude oils

During the year 2017-18, a study was undertaken for understanding the rheological behavior of the crude oils using a Controlled Stress Rheometer, with a focus on finding the recrystallization point of the wax in the crude oil samples. The results were compared with the thermal analysis using Differential Scanning Calorimeter. The results of the experiments confirm that the rheological data obtained from the controlled stress rheometer along with the thermal analysis data using DSC technique is

useful for understanding the recrystallization point or appearance of wax in the crude oil. The findings of the study shall be utilized in identifying wax crystallization temperature of crude oils under stimulated conditions.

Major ongoing R&D projects:

Most of the projects initiated during 2017-18 are ongoing and are being continued during the year 2018 - 19. Specifically, the following major R&D activities/studies are ongoing:

- Reservoir fluid characterization of all the Sidewall Core samples as and when received from newly drilled wells;
- Source rock analysis of all the samples as and when received;
- Surface Geochemical Analysis of soil samples as when received from new exploration area.
- Continuation of the job Ambient Air quality and stack emission Monitoring in OIL's fixed locations, Drilling and Work over locations.
- Identification & development of specialty oil field chemicals for flow assurance and production enhancement;
- Collaborative work on development and standardization of testing of pigging residue from crude oil and petroleum product pipelines.
- Well stimulation using combination of acid / solvents for improving well inflow in identified sick wells.
- Internal corrosion monitoring in different pipelines and installations.
- MOU project on field scale study of efficacy of naturally derived plant based anti-microbial products for control of Sulphate Reducing Bacteria (SRB).
- MEOR pilot jobs to be taken up based on outcome of current laboratory activities.
- IOR/EOR opportunities in NHK Barail 4th+5th Sand (NHK13+95 Block) Field, Upper Assam Basin

- IOR/EOR opportunities in HJN Lower Tipam Sand (HJN002D Block), Upper Assam Basin
- EOR studies and pilot designing of NHK079D block in collaboration with University of Houston (Phase-II)
- Geological mapping of Thrust Belt area through integrated geological, geochemical, palynological and magnetostratigraphical study in collaboration with four NE universities
- Setting up of EOR Laboratory
- Setting up of Advanced Sedimentological Laboratory
- Vitrinite Reflectance (VRo) analysis of two wells of Upper Assam Basin as a part of Shale Gas prospectivity evaluation
- Setting up of Remote Sensing Centre
- Prospect analysis of Kopili Play of OIL's operational area, Upper Assam Basin
- Prospect analysis of Basement Play in OIL's operational area, Upper Assam Basin
- Reservoir continuity study in NHK79D block using oil geochemistry
- Isotopic study of Natural Gas samples of OIL's operational area, Rajasthan
- Dynamic reservoir simulation of South Tinali – Lower Tipam (STL002 Block), Upper Assam Basin

4.5.1.10. Transportation Vehicle & Equipment

A. BEML Limited

Major R&D projects successfully completed during the year 2017-18 and its benefits / achievements / savings

Mining & Construction

- 180 T class Hydraulic Excavator (Diesel version) Model : BE1800D
- Bull Dozer model BD475-1 with 850 hp engine.
- Front End Loader Model : BL30-FEL
- Low Height Side Discharge Loader model BL11C-LHSDL

Product Up-gradation

- Engineering of Cummins engine & Parker Hydraulics on 22 T class Hydraulic Excavator Model : BE220G.
- Engineering of Power Angle Tilt (PAT) attachment on Dozer Model : BD50.
- Engineering of combi-cooler on dozer model BD65-1.
- Engineering of anti vibration mounts for engine mounting on Dozer BD355 cabin.
- Introduction of Automatic blade/Grade control system on Motor Grader.
- Engineering of BEML Transmission with Cummins Engine (NTA 855C) on Water Sprinkler Model : WS28-2.
- Design and development of Electronic based Traction control system for BH60M Dump truck.
- Engineering of cabin with viscous mounts on Water Sprinkler model BWS 70.
- Design & Development of up-graded Front LH, RH and Rear Suspension for Water Sprinkler Model: WS70.
- Design & Development of up-graded Front and Rear Suspension for Dumper Model: BH100S.
- Up-gradation of Electronic engines to meet BSIII CEV norms Model : BSA6D140EG for BE1800D & BE700 Excavator.
- Up-gradation of Electronic engine to meet BSIII CEV norms Model: BSAA6D125EG for BD85 Dozer.

Defence

- Arjun-ARRV was designed and developed in association with CVRDE, Chennai. 2 prototypes have been delivered which is undergoing trials.
- Trawl assembly for T-72 tank was developed with R&DE Engineers, Pune.
- BEML Tatra 8x8 vehicle was modified to built superstructure for mounting 155 mm / 52 Cal Gun developed by OFB (Gun Carriage Factory, Jabalpur)
- 4x4 - Medium Bullet Proof Vehicle (MBPV) was designed and developed considering the

requirement of Ministry of Home Affairs (MHA).

Rail & Metro

- Kolkata Metro (E-W): Full scale mock up developed and delivered. Development of first fully functional prototype trainset is completed and delivered. Standard gauge bogie frames developed & successfully tested in-house have been used in KMRC trains.
- Bangalore Metro (Intermediate Cars): Design and Development of Intermediate units for converting existing 3 car trains of Bangalore Metro into 6 car trains are completed.

Major ongoing R&D projects

Mining & Construction:

The Company has taken up initiatives to launch new products and upgrade existing products in line with the latest emission norms as mandated by the government and safety features on par with upcoming CEMM Act and ISO20474 in the areas of Dump Trucks, Dozers, Excavators, Wheel Loaders and Underground Mining Equipment apart from up-gradation of existing products with innovative and new features in line with major global competitors.

Defence:

The Company has taken up new design & development programmes to meet the acquisition needs of the Indian Army such as Upgraded and Euro III version for PINAKA 5th to 10th Regiment, Wheeled Infantry Combat vehicles (WICV), Mine Protected Vehicles (MPV), partnering with Ordnance Factory Board for development of Futuristic Infantry Combat Vehicle (FICV).

Rail & Metro:

The Company has planned to develop products with improved technology like driverless metro cars, incorporation of 3 phase propulsion in EMUs running in the country. The company has

also signed MoU with IIT, Kharagpur for working on developing Bogie design know-how under the Uchathar Aavishkar Yojana (UAY) project of Ministry of Human Resources Development.

Highlights of other R&D achievements

During the year, R&D Department took initiatives for design and development of high technology products and aggregates for Mining & Construction, Defence and Rail & Metro segments as per customer requirements. Further, R&D absorbed the collaborator technology and further developed on it which has resulted in the development of new products and technologies as well as up-gradation of existing products. Some of such products were also manufactured and launched for customer trials.

4.6 Mega and Major Projects under Implementation

Infrastructure and Project Monitoring Division (IPMD) of Ministry of Statistics and Programme Implementation (MoSPI) is mandated to monitor Central Sector Infrastructure projects costing Rs.150 crore and above being implemented mostly by Central PSUs through Online Computerised Monitoring System (OCMS). Based on the information provided by Project Implementation agencies, MoSPI brings out analytical Flash Report on monthly basis. It also publishes Project Implementation Status Report of central sector projects costing Rs. 150 crore and above. Since MoSPI is monitoring the projects, the chapter has been contributed by the Ministry based on 394th Flash Report for the month of August, 2018.

As on 31.08.2018, there were altogether 1417 projects under implementation in the central sector, out of which 442 projects were Mega projects (each costing Rs. 1,000 crore and above) and 995 were Major projects (each costing between Rs. 150 crore and Rs. 1000 crore).

A. Bhavini Limited

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Prototype Fast Breeder Reactor (Bhavini, 500 Mwe)	09/2003	09/2010	03/2019	3,492.00	6,100.00	98

B. Nuclear Power Corporation of India Limited (NPCIL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Kakrapar Atomic Power Project - 3 And 4	10/2009	12/2015	06/2020	11,459.00	16,580.00	86
Rajasthan Atomic Power Project -7 And 8 (2x700 Mw)	10/2009	12/2016	12/2020	12,320.00	12,320.00	72
Kudankulam Nuclear Power Project Unit-3 And 4	03/2013	11/2020	11/2023	39,849.00	39,849.00	20

The total anticipated cost of these 1417 projects is Rs. 20,77,898.81 crore and the total expenditure incurred on them till 31.08.2018 stands at Rs. 7,76,351.56 crore, which is 37.36% of the total anticipated cost of these projects.

Sector wise status of Mega and Major projects of CPSEs based on 394th Flash Report for them as of August 2018 published by Ministry of Statistics and Programme Implementation (MoSPI), is summarized in the paragraphs below.

4.6.1 Atomic Energy

The total original cost of the 4 projects in the Atomic energy sector is Rs. 67,120.00 crore and the anticipated completion cost at Rs.74,849.00 crore, indicating a cost overrun of 11.52%. The expenditure incurred on these projects till August, 2018 is Rs.36,536.99 crore, which is 54.44% of the original cost. These projects belong to the Bhavini Limited and Nuclear Power Corporation of India Limited. Details of projects are as under:-

4.6.2 Civil Aviation

The total original cost of 2 projects in the Civil Aviation sector costing Rs. 150 crore and above stood at Rs. 624.07 crore and the anticipated completion cost at Rs. 994.86 crore, indicating a cost overrun of 59.41

A. Airport Authority of India Limited(AAI)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Construction Of New Airport At Pakyong(Sikkim) Airport	01/2009	01/2011	09/2018	309.46	553.53	0
Construction Of New Integrated Terminal Building At Vsi Airport, Portblair	10/2013	09/2018	06/2020	314.61	441.33	0

4.6.3 Coal

The total original cost of implementation of the 94 projects (costing Rs. 150 crore and above) stood at Rs. 91,364.09 crore and the anticipated completion cost at Rs. 90,827.28 crore. The expenditure incurred on these projects till August 2018 is Rs.27,284.28 crore which is 29.86% of original cost. Bharat Coking Coal Limited, Eastern Coal Fields Limited, Mahanadi

Coal Fields Limited, Neyveli Lignite Corporation, Central Coal Fields Limited, Eastern Coal Fields Limited, Singareni Colliers Company Limited Northern Coal Fields Limited, Western Coal Fields Limited and South-Eastern Coal Fields Limited etc.

Details of projects costing more than 1000 crore are given as under:

A. Bharat Coking Coal Limited (BCCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Moonidih Xv Seam Ug	08/2011	04/2015	04/2019	1,230.27	1,230.27	24

B. Eastern Coal Fields Limited (ECL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Sonepur Bazari (Comb) Ocp (8.0)	08/2012	03/2018	09/2018	1055.05	1055.05	76.00

C. Mahanadi Coal Fields Limited (MCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Basundhara (West) Oc	05/2014	03/201	03/2021	479.15	479.15	37

Extn(7.00 Mty)		9				
Siarmal Ocp (40.00mty)	05/2014	03/202	03/2026	3,756.36	3,756.36	45
		6				
Jagannath Re-Organisation Oc.(6.00 Mty)	05/2014	03/201	03/2021	337.66	337.66	38
		9				
Kulda Expn Oc. (5.00 Mty)	06/2014	03/201	03/2020	289.03	289.03	42
		8				
Garjanbahal Ocp	11/2014	03/202	03/2021	1,375.38	1,375.38	47
		1				
Kulda Ocp (Mahanadi Coalfields Ltd)	01/2005	03/201	03/2018	302.96	302.96	92
		0				
Kaniha Ocp, Mcl, (10.0 Mty)	12/2007	03/201	03/2019	457.77	457.77	87
		3				
Bhubaneswari Ocp, Mcl (20.0 Mty)	12/2007	03/201	03/2020	490.10	490.10	95
		7				
Ananta Oc Expansion Ph-Iii (15.0 Mty)	08/2008	03/201	03/2021	207.28	207.28	80
		2				
Hingula Oc-Ii Exp. Ph-Iii (15 Mty)	11/2008	03/201	03/2020	479.53	479.53	81
		3				
Balram Ocp Extension,Mcl 8.00 Mty	12/2007	03/201	03/2019	172.08	172.08	90
		0				

D. Northern Coal Fields Limited (NCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Khadia Expansion Opencast Project(4 To 10 Mtpa,6mtpa Incremental)	06/2011	03/2018	03/2019	1,131.28	1,131.28	0
Jayant Expansion Ocp 10 To 20 Mtpa	05/2017	03/2021	03/2021	1,783.09	1,783.09	0
Dudhichua Expansion Ocp (10 To 20 Mtpa)	11/2017	03/2022	03/2022	1,255.17	1,255.17	0

E. South-Eastern Coal Fields Limited(SECL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Pelma Ocp (15.00mty)	11/2014	03/2023	03/2023	1,624.59	1,624.59	5
Madannagar Opencast Project	10/2015	03/2024	03/2024	1,875.32	1,875.32	5
Kusmunda Expn.Ocp (Secl)(15-50)Mty	08/2013	03/2023	03/2023	7,612.33	7,612.33	45
Gevra Expansion Ocp (Secl) (35-70) Mty	06/2010	03/2023	03/2023	11,816.40	11,816.40	35

4.6.4 Steel

There were 28 projects in the Steel sector costing Rs. 150 crore and above under implementation by Bokaro Steel Plant, IISC, HSCL, NMDC, RINL and SAIL as on 31.8.2018. The total original cost of implementation of these projects stood at Rs. 37,451.14 crore and the anticipated completion cost at Rs.37664.82 which is 0.57% more than the original cost. The expenditure incurred on these projects till August 2018 is Rs. 23,457.96 crore which is 62.64% of the original cost.

A. Steel Authority of India Limited (SAIL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Installation Of New Hot Strip Mill At Rsp	04/2015	04/2018	02/2019	3,127.30	3,127.30	0
New Sinter Plant at Bokaro Steel Plant	03/2015	10/2017	12/2018	1,034.01	1,034.01	0
Modernisation of Steel Melting Shop No.1 At Bokaro Steel Plant	05/2015	12/2017	11/2018	1,154.18	1,154.18	0
Expansion Of Gua Ore Mines With Beneficiation Facilities And Installation Of Pellet Plant	02/2014	09/2017	N.A.	4,749.00	4,749.00	0

B. Rashtriya Ispat Nigam Limited

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Revamping of Sinter	12/2009	10/2019	03/2019	343.00	488.40	82

Machines - 1 And 2			6			
Forged Wheel Plant	04/2014	09/201	01/2019	1,682.85	1,682.85	68
		8				
Coke Oven Battery-5	12/2011	12/201	09/2019	2,858.00	2,500.00	60
		7				
Central Dispatch Yard	08/2015	08/201	10/2018	320.66	320.66	63
		8				
Additional Water Storage Reservoir(Kbr-Ii)	07/2015	07/201	11/2018	465.85	465.85	90
		8				

C. National Mineral Development Corporation

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Nmdc Integrated Steel Plant	01/2010	05/2015	03/2019	15,525.00	15,525.00	0
2 Mtpa Pellet Plant At Nagarnar	11/2015	06/2020	06/2020	818.00	818.00	0

4.6.5 Petroleum (Refinery & Marketing)

There were 141 projects in the Petroleum sector costing Rs.150 crore and above being implemented by BPCL, GAIL, HPCL, IOCL, CPCL, ISPRI, NRL, ONGC and OIL as on 31.08.2018. The total

original cost of these projects stood at Rs. 2,24,950.19 crore and the anticipated completion cost is Rs.2,25,096.83 crore which is 0.06% more than the original cost. The expenditure incurred on these projects till August 2018 is Rs.63916.38crore which is 28.41% of the original cost.

The details of the projects costing above Rs. 1,000 crore are given as under

A. Indian Strategic Petroleum Reserves Limited (ISPRL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Strategic Crude Oil Storage Project At Padur	01/2006	01/2012	N.A.	993.00	1,693.00	0

B. Numaligarh Refinery Limited (NRL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Diesel Hydrotreat or	07/2015	01/2018	N.A.	1,031.37	1,031.37	0

C. Chennai Petro Corporation Limited (CPCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Resid Upgradation Project	03/2013	11/2015	N.A.	3,110.36	3,110.36	0
Bs-Vi Projects	09/2017	12/2019	12/2019	1,858.00	1,858.00	56

D. Oil & Natural Gas Corporation Limited (ONGC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Assam Renewal Project For Group A	03/2009	03/2013	03/2019	2,465.15	2,378.89	96
Mumbai High South (Mhs) Redevelopment Phase-Iii	11/2014	04/2019	03/2019	6,068.80	5,296.93	89
Daman Development Project	08/2014	05/2019	10/2019	6,086.08	5,842.31	76
Pipeline Replacement Project -4	02/2015	05/2017	12/2018	2,899.93	2,504.61	96
Neelam Redevelopment Plan For Exploitation Of Bassein And Mukta Pay	08/2015	03/2019	05/2020	2,818.88	2,818.88	61
Conversion Of Rig Sagar Samrat To Mobile Offshore Production Unit(Mops)	03/2011	05/2013	12/2018	861.79	1,256.72	95
Integrated Development Of B-127 Fields	12/2011	03/2015	12/2019	2,059.63	2,665.65	78
Enhanced Recovery From Bassein Field Through Integrated	01/2015	12/2017	03/2019	4,619.94	4,619.94	100

Development Of Mukta, Bassein And Panna						
Life Extension Of Wall Platforms Of Mumbai High And Heera Fields	12/2015	04/2018	05/2019	3,190.69	3,247.19	64
Kg-Dwn-98-2 Cluster Ii Development Project	03/2016	06/2020	08/2021	34,012.00	34,012.00	0
Redevelopment Of Santhal Field	02/2017	03/2026	03/2026	1,162.56	1,162.56	24
Development Of R-Series Fields Including Revival Of R 12 (Ratna)	02/2017	05/2021	05/2021	4,006.83	4,006.83	25

E. Indian Oil Corporation Limited (IOCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Distillate Yield Improvement Project (Coker) At Haldia Refinery	03/2014	09/2017	06/2018	3,076.00	4,190.00	95
Polypropylene Plant At Paradip Refinery	03/2014	09/2017	12/2018	3,150.00	3,150.00	89
Augmentation Of Paradip-Haldia-Durgapur Lpg Pipeline And Its Extension Upto Patna And Muzaffarpur	01/2015	12/2020	12/2020	1,823.00	1,823.00	44
Paradip Hyderabad Pipeline	01/2015	12/2020	08/2020	2,321.00	2,321.00	42
Paradip-Raipur-Ranchi Pipeline	08/2009	12/2016	N.A.	1,793.00	1,793.00	0
Paradip Haldia Durgapur Lpg Pipeline	02/2011	06/2018	10/2018	913.00	1,330.00	97
Indmax Project At Bongaigaon Refinery	02/2016	11/2019	11/2019	2,582.00	2,582.00	76
Koyali Ahmednagar Solapur Pipeline	05/2016	08/2021	08/2021	1,945.00	1,945.00	44
Haldia Barauni Product Pipeline	04/2016	12/2020	12/2020	1,021.00	1,021.00	0
Ennore Thiruvallur Bengaluru Puducherry	05/2016	12/2018	12/2018	4,497.00	4,497.00	17

Nagapattinam Maduraituticorin Gas Pipeline						
Captive Dhamra-Haldia Refinery Natural Gas Pipeline With Spurline To Paradip Refinery	08/2017	08/2020	08/2020	1,342.00	1,342.00	6
Bs-Vi Project At Gujarat Refinery	03/2018	09/2019	09/2019	3,380.00	3,380.00	75
Bs-Vi Project At Bongaigaon Refinery	05/2018	09/2019	09/2019	1,222.00	1,222.00	56
Bs-Vi Project (Phase-I) At Haldia Refinery	05/2018	09/2019	09/2019	2,934.40	2,934.40	58
Bs-Vi Project At Panipat Refinery	12/2017	09/2019	09/2019	3,529.00	3,529.00	63
30 Inch Crude Oil Pipeline In Haldia-Barauni Section Of Phbpl And Conversion Of Existing 18 Inch Hal	03/2018	09/2022	09/2022	3,712.00	3,712.00	0
Ethylene Glycol Project at Paradip	04/2018	07/2021	07/2021	4,807.08	4,807.08	0
Naphtha Cracker Expansion Project At Panipat	08/2018	08/2020	08/2020	1,636.00	1,636.00	0

F. Oil India Limited (OIL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Upgradation Of Crude Oil Pump Stations Of Naharkatiya-Barauni Crude Oil Trunk Pipeline	09/2012	03/2015	N.A.	871.35	1,200.00	0

G. Hindustan Petroleum Corporation Limited(HPCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Uran Chakan Shikrapur Lpg Pipeline	12/2009	10/2014	02/2019	310	723	89
50 Mw Capacity Wind Power Project Under Phase Ii	11/2011	03/2013	N.A.	310	370	0

Visakh Refinery Modernisation Project	07/2016	07/2020	07/2020	20,928	20,928	0
Vvspl Capacity Expansion And Ostt-Ss Jetty Sub Sea Pipeline Project	09/2016	09/2019	09/2019	407	407	78
Mdpl Capacity Expansion And Palanpur Vadodara Pipeline Extension	09/2016	06/2020	06/2020	1,879	1,879	65
Ramanmandi Bahadurgherh Pipeline Capacity Expansion Project (Punjab,Haryana)	11/2016	02/2019	02/2019	230	230	87
Mumbai Refinery Expansion Project	09/2015	03/2020	07/2019	4,199	4,199	0
Extension Of Visakh-Vijayawada-Secunderabad Pipeline (Vvspl) From Vijayawada To Dharmapuri And Const	09/2017	03/2021	03/2021	2,677	2,677	10
Construction Of New Marketing Terminal At Baradwar, Distt-Janjgir- Champa In State Of Chhattisgarh	12/2016	04/2021	04/2021	300	300	0
Construction Of A New Pol Depot At Village Data In Hisar District In Haryana	11/2017	11/2020	11/2020	255	255	9
180 Tmtpa New Lpg Plant At Patalganga(Dist Raigad), Maharashtra	06/2017	06/2020	06/2020	249	249	0
120 Tmtpa New Lpg Plant At Barhi Jharkand State	06/2017	06/2020	06/2020	162	162	0

H. Mangalore Refinery

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Capacity Enhancement/ Revamp Of Nht-	05/2015	04/2019	04/2019	224	207	0

2/Platformer-2/Ccr-2/Psa-2/Rsu						
Railway Siding Project For Evacuation Of Petcoke	10/2015	03/2019	03/2019	135	171	0
Bsvi Upgradation Sea Water Desalination Plant	09/2016	12/2019	12/2019	1,810	1,810	0
	11/2017	03/2020	03/2020	581	581	0

4.7.6 Power

110 projects of NHPC, NTPC, NEEPCO, CVPPPL, PGCIL, SJVNL and THDC costing Rs. 150 crore and above were under implementation. As on 31.08.2018, the total original cost of these 110 projects was

Rs.3,13,586.68 crore. The anticipated completion cost is Rs.3,77,858.19 crore which is 20.50% more than the original cost. The expenditure incurred on these projects till August 2018 is Rs. 2,35,860.89 crore which is 75.21% of the original cost. The details of the projects costing above Rs.1,000 crore are given as under:

A. North Eastern Electric Power Corporation Limited (NEEPCO)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Kameng Hydroelectric Project (NEEPCO)	12/2004	12/2009	03/2019	2,496.90	6,179.96	97
Tripura Gas Based Power Project	07/2009	07/2013	N.A.	421.01	1,078.31	0

B. National Hydro-Electric Power Corporation (NHPC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
PARBATI HEP (4X200 MW) (NHPC) II	09/2002	09/2009	12/2020	3,919.59	8,398.75	0
SUBANSIRI LOWER H.E.P (8X250 MW) (NHPC)	09/2003	09/2010	N.A.	6,285.33	19,496.34	0

C. National Thermal Power Corporation (NTPC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Gadarwara Super Thermal Power Project Stage-I	03/2013	09/2017	06/2019	11,638.55	12,865.92	0
Tapovan-Vishnugad Hep (4x130mw)	11/2006	03/2013	12/2020	2,978.48	3,846.30	0

Bongaigaon Thermal Power Project	01/2008	09/2011	10/2018	4,375.35	8,150.00	0
Fgutpp, Unchahar Stage-Iv (1x500 Mw)	07/2013	12/2016	N.A.	3,363.12	3,363.12	0
Tanda Tpp Stage-Ii (2x660 Mw)	09/2014	03/2019	09/2019	9,188.98	9,188.98	0
Darlipalli Stpp Stage-I (2x800 Mw)	02/2014	08/2018	06/2019	12,532.44	13,740.53	0
North Karanpura Stpp (3x660 Mw)	02/2014	02/2019	10/2020	14,366.58	15,164.05	0
Rammam-Iii Hepp (3x40 Mw)	09/2014	09/2019	02/2022	1,381.84	1,381.84	0
Brbcl-Nabinagar Tpp- Jv (4x250 Mw)	01/2007	05/2014	05/2019	5,353.00	7,998.00	0
Npgcpl-Nabinagar Stpp - Jv (3x660 Mw)	01/2013	01/2018	05/2020	12,964.60	13,731.26	0
Munpl-Meja Tpp - Jv (2x660 Mw)	04/2012	12/2016	08/2019	9,750.89	9,750.89	0
Barh Stpp(3x660mw) Ntpc	02/2005	01/2011	04/2021	8,692.97	15,095.67	0
Kudgi Stpp Stage 1	01/2012	01/2017	N.A.	15,166.19	16,934.65	0
Mouda Stpp Stage 2	03/2012	09/2016	N.A.	7,921.47	7,921.47	0
Solapur Stpp	03/2012	11/2016	03/2019	9,395.18	9,395.18	0
Lara Super Thermal Power Project Stage-I (2 X 800 Mw)	12/2012	06/2017	06/2019	11,846.00	12,739.82	0
Lata-Tapovan Hydro Electric Power Project 3x57 Mw	07/2012	08/2017	N.A.	1,527.00	1,801.07	0
Khargone Stpp Stage I (1320 Mw)	03/2015	09/2019	09/2019	9,870.51	11,148.86	0
Telangana Super Thermal Power Project Phase I	01/2016	07/2020	10/2020	10,598.98	10,598.98	0
Pakri Barwadih Coal Mining Project	10/2004	10/2017	12/2016	4,237.96	4,552.00	0
Talaipalli Coal Mining Project	09/2015	11/2019	11/2019	3,004.00	3,004.00	0

D. Power Grid Corporation Limited (PGCIL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Tr. System Associated With Mundra Ultra Mega Power Project	10/2008	10/2012	02/2019	4,824.12	5,071.94	97
North- East North	02/2008	08/2011	03/2022	11,130.19	13,762.80	98

Western Interconnector I Project	9	3				
TRANSMISSION SYSTEM ASSOCIATED WITH PALLATANA GBPP And BPTS.	02/201	12/201	09/2018	2,144.00	2,932.88	97
Eastern Region Strengthening Scheme-V	10/201	04/201	12/2018	1,364.52	1,891.41	81
Transmission System Strengthening In Wr-Nr Transmission Corridor For Ipps In Chhattisgarh	06/201	03/201	03/2019	5,151.37	5,151.37	88
Eastern Region Strengthening Scheme-Iii	07/201	11/201	09/2018	1,272.80	1,731.10	99
Installation Of Statcoms In Western Region	03/201	09/201	10/2018	1,071.24	1,071.24	98
Creation Of 400/220 Kv Substations In Nct Of Delhi During 12th Plan Period (Part-A)	03/201	05/201	06/2019	1,394.52	1,394.52	64
Green Energy Corridors Inter-State Transmission Scheme -Part B	04/201	04/201	12/2018	3,705.61	3,705.61	86
Green Energy Corridors: Inter-State Transmission Scheme (Ists) - Part C	07/201	07/201	12/2018	2,247.37	2,247.37	75
Common System Associated With Coastal Energen Private Limited And Ind-Barath Power(Madras) Limited L	09/201	09/201	09/2018	1,940.13	2,702.65	99
Kunadankulam App Trans System (Pgcil)	05/200	11/200	12/2018	1,779.29	2,187.32	98
Common Sys. Associated With East Coast Energy Pvt Ltd And Ncc Power Projects Ltd Ltoa Gen Part- B	03/201	12/201	10/2018	2,514.88	3,190.27	96
System Strengthening Xxiv In Southern Region	01/201	07/201	09/2018	1,455.47	1,455.47	99
Tranmission System Associated With Alusteng (Srinagar)- Drass- Kargil- Khalsti-Leh Project	01/201	09/201	09/2018	1,788.41	2,333.71	94
Green Energy Corridors - Inter State Transsmission Scheme Part-D	05/201	05/201	05/2019	3,519.59	3,519.59	67
Hvdc Bipole Link Between Wr (Raigarh, Chattisgarh) And Sr (Pugalur-North Trichur-	05/201	11/201	11/2019	14,733.37	14,733.37	42

Scheme-I: Raigarh-P							
Tramission System For Solar Park At Bhadla Rajasthan	07/2016	01/2019	01/2019	1,429.38	1,429.38	52	
Hvdc Bipole Link Between Western Region (Raigarh, Chattisgarh) And Southern Region (Pugalar, Tm) Nor	02/2017	04/2020	04/2020	5,070.13	5,070.13	19	
Comprehensive Scheme For The Strenghtening Of The Transmission And Distribution System In A P	12/2014	12/2018	12/2019	4,754.42	9,141.97	17	
North Eastern Region Power System Improvement Project (Nerpsip) For Six (6) States	12/2014	12/2018	12/2019	5,111.33	6,652.57	18	
Transmission System Associated With Ipps Of Nagapattinam/ Cuddalore Area Package A	03/2015	12/2018	09/2018	955.00	1,364.00	99	
Transmission System Associated With Gadarwara Stps (2x800 Mw) Of Ntpc (Part A)	04/2015	11/2018	07/2018	2,525.00	2,525.00	100	
Transmission System Associated With Gadarwara Stps Of Ntpc Part-B	04/2015	01/2018	06/2018	2,225.00	2,225.00	100	
Transmission System Strengthening Associated With Vindhyachal V	02/2015	06/2018	10/2018	1,750.00	1,750.00	91	
Strengthening Of Transmission System Beyond Vemagiri	12/2015	04/2019	04/2019	3,654.00	3,654.00	93	
Eastern Region Strengthening Scheme-Xviii	03/2017	07/2020	07/2020	3,500.00	3,500.00	32	
Hvdc Bipole Link Between Wr And Sr - North Trichur - Scheme - Ii Ac System Strengthening At Pugalur En	08/2017	02/2020	02/2020	1,931.39	1,931.39	12	
400kv D/C Teesta Iii - Kishanganj Transmissian Line (Jv)	08/2008	02/2019	10/2018	771.00	1,624.00	93	

E. Tehri Hydro Development Corporation Limited (THDC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Vishnugad Pipalkoti Hydro Electric Project	08/2008	06/2013	12/2021	2,491.58	4,105.30	39
Tehri Pumped Storage Plant(1000mw)	07/2006	02/2016	05/2021	1,657.00	4,401.90	59
Amelia Coal Mine	01/2017	09/2020	09/2020	2,104.21	2,104.21	3

F. Chennab Valley Power Project [P] Limited (CVPPPL)

Name Of The Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Pakal Dul Hydro Electric Project (1000 Mw)	10/2014	04/2020	10/2023	8,112.12	8,112.12	0

G. Neyveli Lignite Corporation(NLC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Expansion Of Mine-I (Lease Area) And Mine-I A (3.0 To 7.0 Mtpa)	04/2013	06/2015	09/2019	1,458.17	709.06	66
Neyveli New Thermal Power Project(2x500 Mw)	06/2011	12/2015	12/2018	5,907.11	5,907.11	87
Neyveli Uttar Pradesh Power Project Limited 1980 Mw	07/2016	11/2021	11/2021	17,237.00	17,237.80	18

4.6.7 Railways

There were 351 projects in the Railways sector costing 150 crore and above underimplementation as on 31.08.2018. The total original cost of implementation of these projects stood at Rs.4,07,420.68 crore and the anticipated completion cost at Rs.6,49,466.02 crore which is 59.40% more than the original cost. The Expenditure incurred on these

A. Rail Vikas Nigam Ltd. (RVNL)

projects till August 2018 is Rs. 1,65,357.30 crore which is 40.58% of the original cost. The details of projects costing Rs.1000 crore and above are given as under:-

Name Of The Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Haridaspur-Paradeep(NI)	04/1996	03/2020	03/2020	301.64	1,844.47	67
Sukinda Road - Angul (NI)(Ecor)	04/1998	02/2015	12/2021	183.23	1,202.70	47
Obulavaripalle-Krishnapatnam(Rvnl)	07/2006	03/2008	03/2020	743.00	1,850.00	64
New Work For Construction Of Metro Railway From Joka To Binoy Badal Dinesh Bagh.	04/2010	03/2016	03/2025	2,913.51	2,913.50	38
Bhanupali-Bilaspur Beri NI	04/2008	12/2026	12/2026	1,046.88	7,000.00	0
Rayadurga-Tumkur NI	04/2007	N.A.	03/2022	970.34	2,062.20	0
Hospet-Hubli-Londa-Vascodagama DI	04/2010	03/2023	03/2023	2,127.00	2,127.00	70
Dalli-Rajhara - Raoghat(Part Of Dalli-Rajhara-Jagdapur),NI,Rvnl	04/1995	12/2012	03/2022	304.00	1,195.00	34
New Work For Construction Of Metro Railway From Nscb Airport To New Garia Via Rajarhat (Mtp)	04/2010	03/2016	03/2025	3,951.98	4,259.48	24
New Work For Construction Of Metro Railway From Baranagar To Barrackpore And Dakshineswar (Mtp)	04/2010	03/2014	12/2025	2,298.42	2,733.86	21
Vijaywada-Gudugolanu-Bhimavaram-Narsapur DI (221 Km)	03/2012	03/2020	03/2022	1,503.71	1,503.71	51
Palanpur-Samakhayali (DI)	04/2013	12/2021	12/2021	1,266.89	1,548.66	45
Vijayawada-Gudur	04/2015	N.A.	12/2023	3,246.26	3,548.67	0
Mau-Ghazipur-Tarighat New Line	04/2015	12/2025	12/2024	1,765.90	1,765.92	15
Rishikesh - Karnaprayag New Line	04/2011	12/2026	03/2026	4,295.30	16,216.00	0
Daund-Gulbarga - Doubling (224.9 Km) And Pune-Guntakal - Electrification (641.37	03/2009	03/2020	03/2020	1,514.45	1,750.00	79

Km)						
Vizianagaram - Samabalpur 3rd Line	01/1991	12/2024	12/2024	2,335.67	2,335.67	5
Bhimsen - Jhansi Doubling With Electrification	03/2012	12/2020	03/2021	1,183.25	1,183.25	76
Bina - Kota Doubling With Re	04/2011	12/2020	12/2020	1,485.65	1,485.85	46

B. Central Railways (CR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Wardha-Nanded Maharashtra	04/2008	03/2023	03/2023	499	3,168	15
Ahmednagar-Parli Vaijnath(NI) Cr	02/1997	03/2021	03/2021	515	2,272	47
Indore - Manmad Via Malegaon (368 Km)	02/2016	03/2024	03/2024	9,968	8,858	0
Pune-Nasik (265 Km)	02/2016	03/2024	03/2024	2,425	5,342	0
Vaibhavwadi -Kolhapur (107 Km)	02/2016	03/2024	03/2024	2,750	3,439	0
Wardha-Balharshah - 3rd Line (132 Km)	02/2015	03/2022	03/2022	630	1,272	7
Itarsi-Nagpur (Bal.) - 3rd Line (267 Km)	02/2015	03/2023	03/2023	2,326	2,450	10
Pune-Miraj-Londa (467 Km)	02/2015	03/2024	03/2024	4,670	3,627	0
Daund - Manmad (236 Km)	02/2016	03/2023	03/2023	1,876	2,081	0
Manmad - Jalgaon - 3rd Line (160 Km)	02/2016	03/2023	03/2023	854	1,035	5

C. Dedicated Freight Corridor Corporation of India (DFCC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Eastern Dedicated Freight Corridor Project	10/2006	N.A.	N.A.	11,589	28,181	0
Western Dedicated Freight Corridor	11/2007	03/2020	03/2020	16,592	51,101	0

D. East Coast Railway (ECOR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Eastern Dedicated Freight Corridor Project	10/2006	N.A.	N.A.	11,589	28,181	0
Western Dedicated Freight Corridor	11/2007	03/2020	03/2020	16,592	51,101	0

E. East Central Railways (ECR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Jayanagar-Darbhanga-Narkatia Ganj(Gc),Ecr	04/1997	03/2012	N.A.	502	1,044	0
Sitamarhi-Jaynagar-Nirmali Via Sursand (NI)	04/2008	N.A.	N.A.	679	2,393	0
Kiul - Gaya Doubling Project	12/2015	12/2020	12/2020	1,200	1,200	0
Rampur Dumra - Tal - Rajendrapul Doubling Including Ganga Bridge	12/2015	12/2020	12/2020	1,491	1,491	0
Ramna - Singrauli Doubling	08/2015	03/2020	03/2021	2,436	2,436	0

F. Eastern railways (ER)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Tarakeswar - Bishnupur New Bg Line (NI), Er	04/2000	03/2019	03/2019	1,189	1,319	0
Bardhaman-Katwa (Gc)	04/2007	12/2010	N.A.	1,107	1,446	0
Mandarhill-Dumka-Rampurhat (NI),Er	04/1995	12/2011	03/2020	900	1,126	0
Pirpainti-Jasidih	04/2013	N.A.	N.A.	916	1,130	0

G. Kolkata Metro Rail Corporation Ltd (KMRCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
New Work For Construction Of Metro Railway From Noapara-Barasai Via Bimanbander (Mtp)	04/2010	03/2016	N.A.	2,398	2,398	0

H. Metropolitan Rapid Transport Project (MRTP)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Tollyganj-Garia With Extension To Dum Dum-Noapara And Noapara-Nscb Airport(Mtp)	03/2000	12/2006	N.A.	1,050	3,405	0
Belapur-Seawood-Uran Electrified Double Line(Mtp)	03/1996	03/2004	03/2020	495	1,782	55
Mumbai Urban Transport Project Phase-Ii	04/2008	03/2014	03/2019	5,300	7,986	0
East West Metro Corridor From Howrah Maidan To Salt Lake	03/2013	03/2016	N.A.	4,875	4,875	0

I. North Central Railway (NCR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Gwalior-Seopurkala With Extension To Kota (Gc)	04/2011	02/2020	12/2022	1,176	3,846	0
Dholpur-Sirmuttra With Extension To Gangapurcity And Mohari-Tantpur And Tanpur-Bansi Paharpur	04/2010	02/2019	12/2022	622	2,031	0

J. North Eastern Railways (NER)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Kaptanganj-Thawe-Siwan-Chhapra Gc (Ner)	04/1999	N.A.	N.A.	745	1,127	0
Anandnagar Ghughali Via Mahrajganj Up	03/2013	N.A.	N.A.	307	1,409	0
Rosa-Sitapur Cantt-Burhwal Doubling	03/2015	03/2022	02/2019	1,750	1,295	0
Bahraich - Mailani Gauge Conversion Including Bypass At Mailani.	04/2016	01/2022	01/2022	1,900	1,900	0
Mandhana - Brahmawart New Line Project.	04/1997	04/1999	11/2018	609	1,808	0
Padrauna - Kushinagar Via Gorakhpur - New Line	04/2017	01/2018	N.A.	1,343	1,345	0

K. Northern Frontier Railways (NFR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Katihar - Jogbani (Gc)(Nefr)	09/2001	12/2010	N.A.	493	1,320	17
Bhairabi Sairong, NI, Nefr	04/2008	04/2014	12/2020	619	4,990	46
Bputra Bridge At Bogibil And Link Lines Nefr	09/1997	04/2008	06/2018	1,500	5,820	98
New Maynaguri To Jogighopa Via Changrabandha (NI),Nefr	04/2000	12/2008	03/2019	733	3,040	76
Jribam To Imphal (Tupui)(NI)(Nefr)	04/2003	03/2011	03/2020	728	13,809	35
New B.G. Line From Tetelia To Byrnihat (National Project), Nefr	09/2006	03/2019	03/2020	200	1,532	61
New B.G. Line From Araria To Galgalia (Thakurgung), Nefr	09/2006	03/2019	03/2020	300	2,145	0
New Line From Dimapur To Zubza(Kohima) National Project (Nefr)	04/2006	03/2015	10/2021	850	3,000	8
Agartala Sabroom, NI, Nefr	04/2008	03/2014	03/2019	813	3,374	74
Sevok Rangpo, Nefr	04/2008	12/2015	03/2020	1,339	4,085	0
New Bongaigaon-Rangia-Kamakghya Doubling	04/2013	03/2019	03/2019	1,798	1,798	0
Construction Of NI From Kumarghat-Agartala	04/1999	03/2007	04/2016	895	1,733	96
Dimapur-Tizit NI	04/2013	03/2020	03/2020	4,274	4,274	0
New Bg Line From Byrnihat To Shillong	04/2010	03/2021	03/2021	4,083	6,000	0
New Jalpaiguri Siliguri New Bongaigaon Including Br Line And Mm Chalsa Naxal Rajabhatkhowa Jainti	04/1999	N.A.	03/2018	523	1,871	1
Bongaigaon-Goalpara-Guwahati (176 Km)	04/2015	03/2022	03/2022	2,232	2,182	3

L. National High Speed Rail Corporation Limited (NHSRCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Mumbai Ahmedabad High Speed Rail Project	12/2015	12/2023	12/2023	108,000	108,000	4

M. Northern Railways (NR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Delhi-Sohna-Nuh-Firozpur-Jhirka-Alwar	04/2013	N.A.	N.A.	1,239	1,239	0
Chandigarh-Baddi NI	04/2007	N.A.	N.A.	328	1,540	0
Nangaldam-Talwara(NI),Nr	03/1981	07/2012	N.A.	450	2,100	0
Udhampur-Srinagar-Baramulla (NI),Nr	03/1995	11/2002	03/2021	2,500	27,949	0
Utratia-Zafrabad, Nr (Line Doubling)	04/2006	03/2010	N.A.	325	1,582	0
Chandigarh-Baddi	04/2007	03/2023	03/2023	328	1,540	0

N. North Western Railways (NWR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Jaipur - Ringus - Churu And Sikar - Loharu Gauge Conversion (Nwr)	04/2008	03/2014	03/2019	653	1,116	80
Ajmer(Nasirabad)- Sawai Madhopur (Chauth Ka Barwara) Vis Tonk NI	05/2015	N.A.	N.A.	874	1,103	0
Himmatnagar - Udaipur Gauge Convesion (Nwr)	04/2008	03/2015	03/2020	830	1,216	67
Ratlam-Dungarpur Via Banswara (NI)	04/2011	N.A.	N.A.	2,083	2,879	6
Ajmer-Kota (Nasirabad-Jaundri)	04/2013	N.A.	N.A.	822	1,100	0

O. South Central Railways (SCR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Kotlpalli-Narasapur (NI) (Scr)	12/2001	03/2021	03/2023	330	2,120	0
Manoharabad-Kothpall New Line(Scr)	04/2006	03/2022	03/2022	379	1,160	0
Manuguru-Ramagundam	04/2013	N.A.	N.A.	1,112	2,912	0
Kazipet-Vijayawada 3rd Line With Electrification	04/2012	N.A.	03/2024	1,054	2,200	0
Bhadrachalam-Kovvur	04/2012	N.A.	N.A.	923	1,787	0
Cumbum-Proddatur	04/2013	N.A.	N.A.	829	1,599	0
Nadikude-Sri Kalahasti	04/2011	N.A.	03/2022	1,313	2,289	0
Kadapa-Bangalore (NI), Kadapa-Pendlimarri Ph-I	04/2008	N.A.	03/2023	2,050	2,133	0
Pedapalli-Karimnagar-Nizamabad NI(Scr)	12/1994	N.A.	03/2017	124	1,025	0
Duvvada-Vijayawada	04/2015	N.A.	N.A.	3,873	3,873	0
Guntur-Guntakal	04/2016	N.A.	03/2023	4,000	3,631	0
Kazipet-Balhrsha	04/2015	03/2021	03/2021	2,063	2,063	0

P. South east Central railways (SECR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Chhindwara - Nagpur (Gc)(Secr)	04/2005	N.A.	N.A.	384	1,101	0
Gondia-Jabalpur(Gc),(Secr)	02/1997	03/1998	12/2019	386	1,777	0
Rajnandgaon - Nagpur - 3rd Line (Secr)	09/2016	12/2021	12/2021	1,273	1,908	0

Q. South Eastern Railways (SER)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Mm From Buramara-Chakulia	04/2008	01/1999	12/2024	466	1,000	0
Howrah-Amta-Champadanga NI (Ser)	04/1974	03/2007	N.A.	393	1,026	57
Digha-Jaleswar Including Mm For Digha-Egra	04/2010	N.A.	03/2024	554	1,009	0
Bondamunda Ranchi Doubling	03/2016	03/2021	12/2021	1,724	1,724	15
Tamluk Digha 88.9 Km With Mm Deshpran Nandigram 18.5 Km Mm Kanthi Egra 26.2 Km Nadakumar Bolai	01/1991	12/2021	12/2021	763	1,428	57
Bankura Damodar Valley Rly Line 96 Km Gc With 6mms For NI	04/1998	03/2003	03/2030	1,027	2,373	32

R. Southern Railways (SR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Quilon-Tirunelveli-Tenkasi-Virudhunagar(Sr)(Gc)	03/1998	N.A.	N.A.	280	1,122	0
Mayladuthurai-Thiruvarur-Karaikudi-Thiru 'Pondi'-Agastiyampalli	09/2007	N.A.	N.A.	404	2,073	45
Dindigul-Pollachi-Palghat-Pollachi And Coimbatore	09/2006	N.A.	N.A.	343	1,065	0
Tidivanam-Nagari (NI)	09/2006	N.A.	N.A.	456	2,300	11
Angamali-Sabarimala (N.L.)(Sr)	10/1998	N.A.	N.A.	550	2,816	0
Attippattu Puttur	04/2008	N.A.	N.A.	447	1,105	0
Chennai-Cuddalore Via Mamallapuram	04/2008	N.A.	N.A.	524	2,350	7
Sriperumbudur-Guduvanchery With Spur To Irungattukkottai-	04/2013	N.A.	N.A.	839	1,500	0

Avadi-Sriperumbudur						
Erode-Palani	04/2008	N.A.	N.A.	289	1,140	1
Madurai-Tuticorin Via Aruppukkottai	04/2011	N.A.	N.A.	601	1,800	7
Trivandrum-Kanyakumari Doubling	02/2015	N.A.	N.A.	900	1,432	0
Transmission Line Between Chennai-Howrah Route (1662 Km)	02/2017	03/2024	03/2026	1,567	1,567	0
Maniyachi - Nagercoil (102 Km) Doubling	02/2015	03/2022	03/2022	1,700	1,700	0
Madurai - Maniyachi - Tuticorin (160 Km) Doubling	02/2015	03/2020	03/2020	760	1,182	0

S. South Western Railways (SWR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Tumkur-Chitradurga-Davengere NI	04/2011	N.A.	12/2023	913	1,801	0
Munirabad (Gingera) - Raichur NI	04/2007	N.A.	12/2023	180	1,351	27
Gadag-Wadi NI	04/2013	N.A.	12/2024	1,117	2,842	0
Hubli-Ankola(NI),Swr	04/1997	N.A.	12/2024	227	2,135	10
Banglore - Satyamangalam (NI)(Swr)	04/1996	N.A.	03/2024	138	1,383	0
Hubli- Chikjajur	03/2015	03/2020	03/2020	1,900	1,141	45
Miraj-Londa	03/2015	N.A.	03/2021	1,830	1,191	0
Hotgi-Kudgi-Gadag	03/2015	N.A.	03/2021	1,618	1,615	30

T. West Central Railways (WCR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Ramganjmundi-Bhopal (NI),Wcr	04/2001	03/2021	03/2021	471	2,713	19
Lalitpur-Satna-Rewa-Singruli NI, (Ncr)	09/1998	05/2008	03/2023	248	6,093	0
Katni - Singrauli Doubling Project	12/2015	12/2020	12/2020	1,763	1,763	0
Katni-Bina 3rd Line (263 Km)	06/2016	03/2022	03/2022	2,478	2,478	0

U. Western Railways (WR)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Ratlam-Mhow-Khandwa-Akola (Gc)	04/2008	03/2012	03/2022	603	1,030	71
Udhna-Jalgaon With Electrification(Doubling) (Wr)	04/2008	03/2014	05/2018	1,390	2,447	99
Chottaudepur-Dhar(NI)	04/2007	N.A.	03/2022	1,347	1,347	38
Dahod-Indore Via Sardarpur, Jhabua And Dhar (NI)	04/2007	03/2012	03/2022	1,640	1,640	32
Surendra Nagar Rajkot	04/2015	03/2012	03/2021	1,002	1,002	18

4.6.8 Telecommunication

There were 10 projects in the Telecommunication sector under implementation as on 31.08.2018. The total original cost of implementation of the projects stood at Rs.17,191.20 crore and the anticipated

completion Cost is Rs.28,421.20 crore. The expenditure in these projects till August 2018 is Rs. 9054.44 crore which is 52.66% of the original cost. The details of projects costing Rs. 1,000 crore and above are as under:

A. Department of Telecommunication(DoT)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Network For Spectrum	03/2012	07/2015	05/2020	13,334.00	24,664.00	0

B. Indian Telephone Industries Limited(ITI)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Network For Spectrum (Nfs) To Connect Defence Stations Across Country	09/2014	09/2014	N.A.	2,111.17	2,011.17	0

4.6.9 Urban Development

There were 45 projects in the Urban Development sector costing Rs. 150 crore and above under implementation as on 31.08.2018.

The total original cost of implementation of these projects stood at Rs.1,56,049.91 crore and the anticipated completion Cost is Rs.1,61,327.76 crore which is 3.38% higher than

The original cost. The expenditure on these projects till August 2018 is Rs.67,413.55crore which is 43.19% of the original cost. The details of projects pertaining to BMRCL, KMRCL, CMRL, CPWD, DMRCL, MMRCL, MRTP,JNNURM, MBCL and NMRCL for more than Rs. 1,000 crore are as under:

A. Kochi Metro Rail Corporation Limited (KMRCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Kochi Metro Rail Project	07/2012	07/2017	12/2019	5,181.79	5,181.79	0

B. Bangalore Metro Rail Corporation (BMRCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Bangalore Metro Rail Project Phase-2	02/2014	02/2019	03/2020	26,405.14	26,405.14	0

C. Chennai Metro Rail Corporation Limited (CMRL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
CHENNAI METRO RAIL LTD (PHASE 1)	02/2009	12/2015	12/2018	14,600.00	19,058.00	0
CHENNAI METRO RAIL LTD (PHASE 1 EXT)	06/2016	03/2018	N.A.	3,770.00	3,770.00	0

D. Mumbai Metro Rail Corporation Limited (MMRCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Mumbai Metro Line 3 (Colaba-Bandra-Seepz)	07/2013	01/2015	N.A.	23,136.00	23,136.00	0

E. Metropolitan Rapid Transport Project(MRTP)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Tollyganj-Garia With Extension To Dum Dum-Noapara And Noapara-Nscb Airport(Mtp)	03/2000	12/2006	N.A.	1,049.69	3,404.92	0
Belapur-Seawood-Uran Electrified Double Line(Mtp)	03/1996	03/2004	03/2020	495.44	1,781.98	55
Mumbai Urban Transport Project Phase-Ii	04/2008	03/2014	03/2019	5,300.00	7,986.04	0
East West Metro Corridor From Howrah Maidan To Salt Lake	03/2013	03/2016	N.A.	4,874.58	4,874.58	0

F. National Building Construction Corporation(NBCC)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
REDEVELOPMENT OF EAST KIDWAI NAGAR	06/2012	11/2019	11/2019	4,264.00	4,439.23	76
REDEVELOPMENT OF GPRA COLONY AT NAUROJI NAGAR	07/2016	N.A.	N.A.	2,694.00	2,694.00	0

G. Nagpur Metro Rail Corporation Limited (NMRCL)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Nagpur Metro Rail	08/2014	03/2018	12/2019	8,680.00	8,680.00	0

H. Central Public Work Department (CPWD)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Establishment Of Central Armed Police Force	10/2013	10/2019	03/2020	1,219.21	1,592.00	15

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I. Jawahar Lal National Urban Renewal Mission (JNNURM)

Name of the Project	Date of approval	DOC Original	DOC Anticipated	Cost Original (Rs. Cr)	Cost Anticipated (Rs. Cr)	Physical Progress (%)
Rehabilitation And Strengthening Of Sewerage System In Old City Area On South Of Musi In Zone 2	08/2007	N.A.	N.A.	247	247	0

Annex-4.1

Net Foreign Exchange Earnings and Utilization by CPSEs during 2017-18

(Rs in Lakhs)

Sl No.	Name of CPSEs	Foreign Exchange Earning	Foreign Exchange utilisation	Net foreign exchange earnings /utilisation
1	ONGC Mangalore Petrochemicals Ltd.	463152	45024	418128
2	ONGC Videsh Ltd.	838356	515498	322858
3	National Aluminium Company Ltd.	357375	54766	302609
4	Airports Authority of India	111136	25433	85703
5	KIOCL Ltd.	95959	26172	69787
6	RITES Ltd.	30750	2125	28625
7	Indian Rare Earths Ltd.	27832	0	27832
8	Air India Air Transport Services Ltd.	25862	3434	22428
9	Engineers India Ltd.	22584	4789	17795
10	Goa Shipyard Ltd.	17793	9082	8711
11	WAPCOS Ltd.	15579	9022	6557
12	IRCON International Ltd.	45046	38552	6494
13	Bharat Sanchar Nigam Ltd.	12706	6552	6154
14	Engineering Projects (India) Ltd.	79699	74645	5054
15	Bharat Petro Resources Ltd.	4893	1154	3739
16	National Textile Corpn. Ltd.	3122	0	3122
17	Indian Railway Catering and Tourism Corpn. Ltd.	3759	1047	2712
18	Central Cottage Industries Corpn. of India Ltd.	2386	1	2385
19	Karnataka Antibiotics & Pharmaceuticals Ltd.	2397	455	1942
20	India Tourism Dev. Corpn. Ltd.	1527	13	1514
21	Biotechnology Industry Research Assistance Council	1182	103	1079
22	Andrew Yule & Company Ltd.	363	20	343
23	HLL Lifecare Ltd.	241	0	241
24	HLL Infra Tech Services Ltd.	221	6	215
25	Telecommunications Consultants (India) Ltd.	2270	2071	199
26	Electronics Corpn. Of India Ltd.	189	0	189
27	Hindustan Copper Ltd.	34069	33951	118
28	Projects & Development India Ltd.	106	68	38
29	IRCON Infrastructure & Services Ltd.	196	160	36
30	National Film Dev. Corpn. Ltd.	40	31	9

31	Railway Energy Management Company Ltd.	0	3	-3
32	NHDC Ltd.	0	4	-4
33	National Research Development Corpn.	0	4	-4
34	Mineral Exploration Corpn. Ltd.	0	5	-5
35	National Seeds Corpn. Ltd.	0	5	-5
36	Bharat Broadband Network Ltd.	0	5	-5
37	Artificial Limbs Mfg. Corpn. Of India	0	7	-7
38	Hindustan Fluorocarbons Limited	0	7	-7
39	HMT Ltd.	4	12	-8
40	Solar Energy Corporation Of India	0	9	-9
41	Eastern Coalfields Ltd.	0	13	-13
42	BHEL Electrical Machines Ltd.	0	19	-19
43	HSCC (India) Ltd.	0	25	-25
44	Bharat Petro Resources Jpda	0	26	-26
45	HLL (India) Ltd.	3172	3217	-45
46	Coal India Ltd.	0	55	-55
47	Mahanagar Telephone Nigam Ltd.	280	335	-55
46	BEL-Thales Systems Ltd.	17	95	-78
49	Certification Engineers International Ltd.	56	145	-89
50	Brahmaputra Valley Fertilizer Corpn. Ltd.	0	96	-96
51	Rail Tel Corporation India Ltd.	0	176	-176
52	Bridge & Roof Co.(India) Ltd.	0	184	-184
53	Rail Vikas Nigam Ltd.	0	186	-186
54	Mahanadi Coalfields Ltd.	0	203	-203
55	Instrumentation Ltd.	14	250	-236
56	Western Coalfields Ltd.	0	295	-295
57	NEPA Ltd.	0	295	-295
58	Mumbai Railway Vikas Corporation Ltd.	0	368	-368
59	Housing & Urban Dev. Corpn. Ltd.	232	604	-372
60	Bharat Pumps & Compressors Ltd.	0	426	-426
61	Kamarajar Port Ltd.	0	470	-470
62	Hindustan Newsprint Ltd.	0	474	-474
63	HLL Biotech Ltd.	0	483	-483
64	National Small Industries Corpn. Ltd.	0	513	-513
65	Dedicated Fright Corridor Corp. of India Ltd.	0	517	-517
66	HMT (International) Ltd.	213	731	-518
67	North Eastern Electric Power Corporation Ltd.	0	645	-645
68	MECON Ltd.	14	662	-648
69	Broadcast Engg. Consultants India Ltd.	41	785	-744
70	Central Electronics Ltd.	212	1504	-1292
71	Prize Petroleum Company Ltd.	0	1489	-1489

72	Central Mine Planning & Design Institute Ltd.	0	1824	-1824
73	HMT Machine Tools Ltd.	50	1918	-1868
74	Hindustan Antibiotics Ltd.	0	1923	-1923
75	Air India Express Ltd.	0	2253	-2253
76	NLC India Ltd.	0	2448	-2448
77	South Eastern Coalfields Ltd.	0	2638	-2638
79	Bharat Immunologicals & Biologicals Corp. Ltd.	0	2803	-2803
79	Rajasthan Electronics And Instruments Ltd.	21	3122	-3101
80	Heavy Engineering Corpn. Ltd.	0	3261	-3261
81	SJVN Ltd.	0	3554	-3554
82	SAIL Refractory Company Ltd.	0	3702	-3702
83	THDC India Ltd.	0	4142	-4142
84	Dredging Corpn. of India Ltd.	0	4933	-4933
85	Brahmaputra Crackers & Polymer Ltd.	0	4984	-4984
86	Container Corporation of India Ltd.	0	5210	-5210
87	Mishra Dhatu Nigam Ltd.	15	5473	-5458
88	Central Coalfields Ltd.	0	6336	-6336
89	NHPC Ltd.	0	8890	-8890
90	Balmer Lawrie & Co. Ltd.	10083	19216	-9133
91	Hindustan Shipyard Ltd.	0	11463	-11463
92	Indian Renewable Energy Devt. Agency Ltd.	161	12351	-12190
93	Bharat Coking Coal Ltd.	0	13282	-13282
94	Bharat Dynamics Ltd.	8341	22083	-13742
95	Garden Reach Shipbuilders & Engineers Ltd.	0	18203	-18203
96	NMDC Ltd.	0	18771	-18771
97	Security Printing & Minting Corpn. India Ltd.	0	21927	-21927
98	Power Finance Corporation Ltd.	0	26738	-26738
99	Airline Allied Services Ltd.	0	28064	-28064
100	I T I Ltd.	0	29116	-29116
101	Shipping Corporation of India Ltd.	345977	376752	-30775
102	NLC Tamil Nadu Power Ltd.	0	32206	-32206
103	Numaligarh Refinery Ltd.	10972	44937	-33965
104	Northern Coalfields Ltd.	0	35158	-35158
105	Mazagaon Dock Shipbuilders Ltd.	0	36329	-36329
106	Antrix Corporation Ltd.	21452	58365	-36913
107	BEML Ltd.	2252	39611	-37359
108	Indian Railway Finance Corporation Ltd.	0	37653	-37653
109	Handicrafts & Handloom Exports Corp. of India Ltd.	2027	49221	-47194

110	Rural Electrification Corpn. Ltd.	0	56973	-56973
111	India Infrastructure Finance Co. Ltd.	0	58166	-58166
112	Fertilizers & Chemicals (Travancore) Ltd.	0	62792	-62792
113	Oil India Ltd.	5284	90305	-85021
114	National Fertilizers Ltd.	0	95860	-95860
115	Rashtriya Chemicals And Fertilizers Ltd.	0	120060	-120060
116	Nuclear Power Corpn. Of India Ltd.	0	120435	-120435
117	Bharat Heavy Electricals Ltd.	130880	255059	-124179
118	Cochin Shipyard Ltd.	497	193484	-192987
119	M S T C Ltd.	1	225303	-225302
120	Bharat Electronics Ltd.	8000	309896	-301896
121	Power Grid Corporation of India Ltd.	2601	358174	-355573
122	NTPC Ltd.	201	356546	-356345
123	Rashtriya Ispat Nigam Ltd.	174232	618384	-444152
124	Hindustan Aeronautics Ltd.	31402	653014	-621612
125	GAIL (India) Ltd.	174708	1078546	-903838
126	M M T C Ltd.	179695	1104925	-925230
127	Oil & Natural Gas Corporation Ltd.	355245	1886994	-1531749
128	Steel Authority of India Ltd.	224370	2098789	-1874419
129	Chennai Petroleum Corporation Ltd.	0	2944872	-2944872
130	Mangalore Refinery & Petrochemicals Ltd.	1271592	4730318	-3458726
131	Hindustan Petroleum Corp. Ltd.	251274	3822303	-3571029
132	Bharat Petroleum Corp. Ltd.	1037081	7747792	-6710711
133	Indian Oil Corporation Ltd.	2244521	18798682	-16554161
Grand Total:		8697980	49658053	-40960073

Sector-wise Secured & Unsecured Loans

(Rs. in crore)

Sl No. Cognate Group / CPSEs	2017-18		2016-17	
	Secured Loan	Un Secured Loan	Secured Loan	Un Secured Loan
Crude Oil				
1 Oil India Ltd.	0	7365	0	8947
2 ONGC Videsh Ltd.	0	1939	0	24917
Sub Total :	0	9304	0	33864
3 Steel Authority of India Ltd.	0	3371	250	10440
Sub Total :	0	3371	250	10440
Petroleum (Refinery & Marketing)				
4 Bharat Petroleum Corpn. Ltd.	0	16886	0	15658
5 Hindustan Petroleum Corpn. Ltd.	0	5395	0	5019
6 Indian Oil Corporation Ltd.	0	35148	0	35050
7 Mangalore Refinery & Petrochemicals Ltd.	0	1890	2793	1297
Sub Total :	0	59319	2793	57024
Fertilizers				
8 National Fertilizers Ltd.	114	0	172	0
9 Rashtriya Chemicals and Fertilizers Ltd.	0	0	0	280
Sub Total :	114	0	172	280
Heavy & Medium Engineering				
Industrial And Consumer Goods				
10 HLL Lifecare Ltd.	65	0	171	14
Sub Total :	65	0	171	14
Power Generation				
11 NLC India Ltd.	0	479	0	434
12 North Eastern Electric Power Corporation Ltd.	0	408	0	387
13 NTPC Ltd.	0	36660	0	29859
14 SJVN Ltd.	0	1824	0	1973
Sub Total :	0	39371	0	33200
Power Transmission				
15 Power Grid Corporation of India Ltd.	23843	9014	22886	6625
Sub Total :	23843	9014	22886	6625
Transport And Logistic Services				
16 Airports Authority of India	0	37	0	39
17 Dredging Corpn. of India Ltd.	613	0	0	0
18 GAIL (India) Ltd.	0	475	0	0
Sub Total :	613	512	0	39



Contract & Construction And Tech.				
Consultancy Services				
19 National Small Industries Corpn. Ltd.	0	54	0	49
Sub Total :	0	54	0	49
Financial Services				
20 Housing & Urban Dev. Corpn. Ltd.	0	342	0	399
21 India Infrastructure Finance Co. Ltd.	0	0	0	12124
22 Indian Railway Finance Corporation Ltd.	58	6097	78	7104
23 Indian Renewable Energy Devt. Agency Ltd.	95	7165	0	5051
24 Power Finance Corporation Ltd.	0	15901	0	7257
25 Rural Electrification Corpn. Ltd.	0	22055	0	19630
Sub Total :	153	51560	78	51565
Enterprises Under Construction				
26 Kolkata Metro Rail Corporation Ltd.	0	0	1515	0
Sakhigopal Integrated Power Co. Ltd.		16		
Sub Total :	0	16	1515	0
Grand Total:	24788	172521	27865	193100

5.1 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 into 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. The 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, exemption of Board level posts in CPSEs from the rule of immediate absorption, etc. are considered in DPE in consultation with Public Enterprises Selection Board (PESB).

During 2017-18, one post of Functional Director i.e. Director (HR) was created, on the Board of MOIL. The following Board level posts in CPSEs were exempted from the rule of immediate absorption.

- (i) CMD, Indian Drugs & Pharmaceuticals Limited
- (ii) MD, Bengal Chemicals & Pharmaceuticals Limited
- (iii) MD, Rajasthan Drugs & Pharmaceuticals Limited
- (iv) CMD, Electronics Corporation of India Limited
- (v) Director (Finance), FACT Limited
- (vi) CMD, Braithwaite & Company Limited
- (vii) CMD, Coal India Limited
- (viii) MD, Indian Medicines & Pharmaceuticals Limited
- (ix) CMD, HLL Lifecare Limited

- (x) Director(Solar), Solar Energy Corporation of India
- (xi) MD, Solar Energy Corporation of India
- (xii) Director (Personnel), Andrew Yule & Co. Limited
- (xiii) MD,National SafaiKarmacharis Finance & Development Corporation
- (xiv) Director(Marketing), National Textile Corporation Limited and
- (xv) CMD,Kamarajar Port Limited

Presently (September, 2018), there are 179 scheduled CPSEs, i.e. 64 Schedule 'A', 66 Schedule 'B', 44 Schedule 'C' and 5 Schedule 'D' CPSEs. The balance CPSEs' are yet to be scheduled. The Schedule-wise list is at Annex-5.1.

5.2 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.

The Appointment Committee of Cabinet (ACC) has delegated its power to approve additional charge arrangements with respect to the board level posts in Schedule 'C' and 'D' CPSEs' to the Minister-in-Charge of concerned administrative Ministry/Department, irrespective of the period for which this additional charge is assigned, subject to the conditions specified in para III of instructions dated 17th August, 2005.

DPE engaged the services of M/s KPMG for undertaking a study on HR Practices in CPSEs. The

recommendations/conclusions emerging from the study will enable DPE to develop an actionable roadmap to implement suitable HR interventions/strategies across entire spectrum of CPSEs.

5.3 Professionalization of Board of CPSEs

Department of Public Enterprises 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, provides 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 one-third 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.

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

5.3.1.1 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 Rs.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.

5.3.1.2 Criteria of Educational Qualification

Minimum graduate degree from a recognized university.

5.3.1.3 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.

5.3.1.4 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.

5.3.1.5 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.

5.3.1.6 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.

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. 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 2017-18, the Search Committee held 5 meetings and recommended names for filling up 151 positions of Non-official Directors on the Boards of various CPSEs.

The concerned Administrative Ministries/Departments were regularly requested to ensure appointment of at least one woman Director on the Boards of CPSEs under their respective administrative jurisdiction to ensure compliance with provisions of Companies Act, 2013 and SEBI (LODR) Regulations, 2015.

All Administrative Ministries/Departments were regularly requested to furnish proposals for filling up vacant positions of Non-official Directors of CPSEs under their respective administrative jurisdiction.

DPE had organized the following six orientation programmes for capacity building of Non-official, functional and Government Directors of CPSEs in which participants were sensitized about their role and responsibilities in the context of newly enacted Companies Act, 2013 and important issues such as effective functioning of Boards Committee.

- i. Two day programme on 29th&30th May, 2017 in Dehradun attended by 16 Non-official Directors of various CPSEs.
- ii. One day programme on 30th June, 2017 in Jammu attended by 32 Non-official, Functional and Government Directors of various CPSEs.
- iii. One day programme on 18th August, 2017 in Vadodara attended by 40 Non-official, Functional and Government Directors of various CPSEs.

- iv. Two day programme on 5th & 6th October, 2017 in Gangtok attended by 41 Non-official Directors of various CPSEs.
- v. Two day programme on 8th & 9th January, 2018 in Visakhapatnam attended by 36 Non-official Directors of various CPSEs.
- vi. One day programme on 20th February, 2018 in Delhi attended by 36 Government Directors of various CPSEs.

DPE organized a day long workshop of all administrative Ministries and CPSEs on 6th November, 2017 at India Habitat Centre, New Delhi. This workshop was part of the ongoing exercise for redefining the role and functioning of CPSEs in the context of priorities of 'New India 2022'. The day long workshop involved brainstorming in the morning session followed by four thematic presentations made before Cabinet Secretary in the afternoon session.

A six member Indian delegation led by Dr. Madhukar Gupta, Additional Secretary, DPE with Shri Kailash Bhandari, Deputy Director (DPE), Shri K. Sreekant, Director, Finance (PGCIL), Shri N.K. Nagpal, Executive Director (GAIL), Shri Prashant Lokhande, Counsellor (Economic & Commerce), Embassy of India, Beijing and Ms. Rocheus Sukanya Jaya, Third Secretary (Economic), Embassy of India, Beijing as members participated and spoke in the Second meeting of BRICS Forum on SOE Reform and Governance held in Beijing, China from 20th to 22nd September, 2017.

5.4 Corporate Governance in 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. 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. The salient features of these guidelines are as under.

5.4.1 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 been further mandated that the Board meetings are to be held at least once in every three months and at least four such meetings should be 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.

5.4.2 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 the Company and is required to meet at least four times in a year.

5.4.3 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.

5.4.4 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.

5.4.5 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. 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 2016-17 and the list is enclosed at Annex-5.2.

5.5 Wage & Salary and Manpower Rationalization in CPSEs

The Department of Public Enterprises (DPE) functions as the nodal Department for policy relating to pay revision of CPSE executives at Board, below Board level and non-unionized supervisors. DPE also issues guidelines for wage settlement negotiations in case of workmen in CPSEs. The Department renders advice to the Administrative Ministries/Departments and CPSEs in matters relating to revision in pay scales of executives and also for the wage policy negotiation of workmen. The CPSEs are largely following the Industrial Dearness Allowance (IDA) pattern of scales of pay. However, in some CPSEs, Central Dearness Allowance (CDA) pattern of scales of pay is also followed. DPE also issues quarterly DA orders in respect of IDA employees. The DA orders for CDA employees of CPSEs are issued for six monthly periods.

5.5.1 Industrial Dearness Allowance (IDA)

Government policy relating to pay structure and pay scales of CPSEs 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 339 CPSEs (excluding Banks and Insurance Companies), with approximately 10.88 lakh workmen, clerical staff and executives as on 31.03.2018 under the administrative control of the Central Government. Of this, about 10.56 lakh of the executives and workmen are on IDA pattern scales of pay. The remaining employees are on CDA pattern of pay scales.

5.5.2 Third Pay Revision Committee

The third Pay Revision Committee (PRC) was constituted under the Chairmanship of Justice (Rtd.) Shri Satish Chandra to consider and recommend pay scales for Board and Below Board level executives and non-unionized supervisors of CPSEs under IDA pattern of pay scale. Therefore, based on the recommendations of the third PRC, Government's decisions thereon and with due approval of the Cabinet, the revised pay scale guidelines effective from 1st January, 2017 were issued vide DPE OMs dated 03.08.2017, 04.08.2017 and 07.09.2017.

The revised pay scales and allowances recommended by third PRC were based on the basic premise of affordability. These pay scales and allowances would be implemented subject to the condition that the additional financial impact in the year of implementing the revised pay- package for Board and Below Board level Executives and Non-Unionized Supervisors should not be more than 20% of the average Profit Before Tax (PBT) of the last three financial years preceding the year of implementation. All the expenditure on this account will be met by the CPSE implementing the revised pay scales and allowances and no budgetary support shall be provided by the government in this regard.

The salient features of 2017 pay revision are as follows:-

- i. The range of pay scales is from Rs. 30,000-1,20,000 for the lowest executive grade E-0 and Rs.2,00,000-3,70,000 for the highest executive grade for the Chief Executives of Schedule 'A' CPSEs.
- ii. A uniform fitment benefit was granted @ 15% on basic pay plus DA @ 119.5% as on 01.01.2017.
- iii. The rate of increment is to be @ 3% of basic pay.
- iv. Perks and allowances are allowed upto the maximum of 35% of basic pay, with provision of 'Cafeteria Approach'. Location Based Compensatory Allowance, Work based Hardship duty Allowances and Non-Practicing Allowance alongwith recurring cost incurred on running and maintaining of infrastructure facilities like hospitals, colleges, schools, etc. are kept outside the ceiling of 35% of Basic Pay.
- v. PRP model for financial year 2017-18 and onwards would be changed. The PRP payout to the executives would be computed based on the three

- vi. factors i.e. MoU rating of the CPSE, Team's Performance and Individual's Performance.
- vi. Superannuation benefits are permissible upto 30% of Basic Pay+D.A. The existing criteria mentioned in 2007 pay guidelines, of 15 years of service in the CPSE for the Superannuation Benefits, has been dispensed with for the pension.
- vii. Ceiling of gratuity in respect of executives and non-unionized supervisors has been raised to Rs20 Lakhw.e.f. 01.01.2017.
- viii. The CPSEs are allowed to provide Board level executives with the Corporate Club Membership (upto maximum of two clubs)co-terminus with their tenure.
- ix. The next Pay Revision would take place in line with the periodicity as decided for Central Government employees but not later than 10 years.
- x. Implementation of Pay Revision is linked to affordability of the CPSEs. The CPSEs have to bear the additional financial burden of Pay Revision from their own resources without any budgetary support from the Government.
- xi. An Anomalies Committee comprising of the Secretaries of Departments of Public Enterprises, Expenditure and Personnel & Training has been constituted to look into further specific issues/problems that may arise in the implementation of Government orders on the Pay Revision.
- xii. Enhanced allowances would be effective from the date of issue of Presidential Directive.
- xiii. These benefits are to be extended to all CPSEs. Benefits as given in these O.M.s are to be viewed as a total package.

5.5.3 Wage Revision for Workmen under IDA pattern

DPE vide OM dated 24.11.2017 has also issued policy guidelines for the 8th round of Wage Negotiations with the unionized workmen of CPSEs w.e.f. 01.01.2017. Largely similar to the earlier policy on the 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.

5.5.4 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. 01.01.2016 vide DPE O.M. dated 17.08.2017. 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. DPE vide OM dated 21.05.2018 has conveyed the Government decision on allowances applicable to CDA employees of CPSEs.

5.5.5 Relevant guidelines issued recently

- i. DPE vide OM dated 11.04.2018 has conveyed the amendment of the Payment of Gratuity Act, 1972 regarding enhancement of the Gratuity ceiling from Rs. 10 lakh to Rs.20 lakh applicable from the date of the notification of the amendment i.e. 29.03.2018.
- ii. DPE vide OM dated 23.07.2018 also issued guidelines regarding standard terms and conditions for IDA pay scales w.e.f 01.01.2017 in respect of Board level Executives of CPSEs.

5.5.6 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 scheme was later notified by the Department of Public Enterprises (DPE) in May, 2000. From the introduction of VRS Scheme in October, 1988, till March, 2018, approximately 6.27 lakh employees have been released under VRS.

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.

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

- i. 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.
- ii. 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.

5.6 Employment in CPSEs

CPSEs across sectors provided employment to 14,66,694 people as on 31.03.2018 as against 15,03,093 people on 31.03.2017. The breakup of total employees is given in table 5.1 below.

Table 5.1: Break-up of Total Employment

S.No	Category	Sub-Category	No. of employees		% Change
			31.03.17	31.03.18	
1	Managerial/Executives		265,484	2,66,478	0.37
2	Supervisors	Unionised	76,931	79,096	2.81
		Non-Unionised	28,063	29,629	5.58
3	Workers	Skilled	5,66,505	5,21,778	(7.89)
		Unskilled	1,98,692	1,91,159	(3.79)
4	Casual/ Daily Rated Workers		30,638	40,060	(30.75)
5	Contract Workers/ Employees		3,36,780	3,38,494	0.51
Total			15,03,093	14,66,694	(2.42)

As seen from the above table, there is a reduction of 36,399 employees (2.42%) in the total number of people employed by CPSEs including casual and contact employees.

5.6.1 Cognate Group-wise employment

The cognate group-wise breakup of Total Employees as on 31.03.2018 is given at table 5.2.

Cognate Groups such as Coal, Telecommunications and Information Technology, Steel, Heavy & Medium

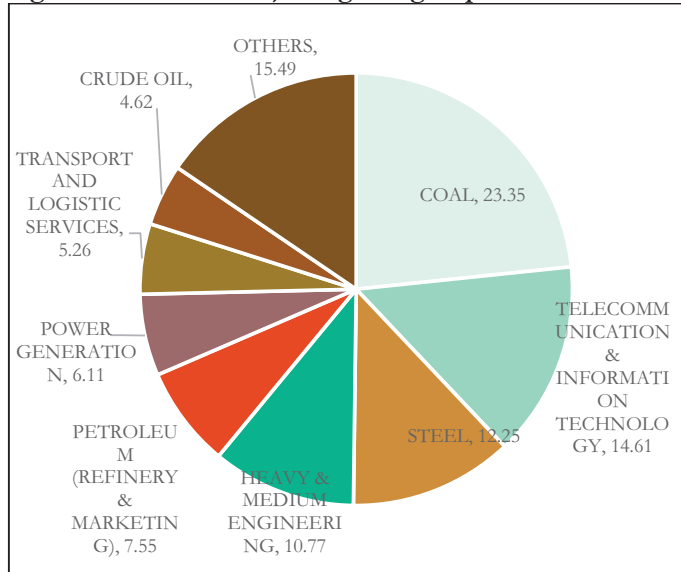
Engineering and Petroleum led the CPSEs in terms of the total workforce. The cognate groups such as Financial Services, Agro-based Industries, Hotel & Tourist Services, Chemicals and Pharmaceuticals have lowest number of employees.

Table 5.2 : Cognate group-wise employment

Sl. No	Cognate Group (of CPSEs)	Managerial/ Executives	Supervisors		Workers		Casual/ Daily rated employees	Contract Employees	Total
			Unionized	Non-Unionized	Skilled	Un-skilled			
1	Agro Based Industries	288	202	181	1810	650	297	307	3735
2	Coal	16550	34780	538	124033	118756	15269	32492	342418
3	Crude Oil	24080	3414	15	10028	3782	264	26105	67688
4	Other Minerals & Metals	5309	895	513	12784	9587	73	18887	48048
5	Steel	18273	0	82	69247	8535	531	83027	179695
6	Petroleum (Refinery & Marketing)	31268	5733	0	19956	3056	26	50667	110706
7	Fertilizers	4023	919	701	3820	514	376	5767	16120
8	Chemicals & Pharmaceuticals	1666	188	650	2093	907	254	1118	6876
9	Heavy & Medium Engineering	35328	1365	8827	55900	3020	9068	44469	157977
10	Transportation Vehicle & Equipment	2187	2891	0	2471	173	0	5149	12871
11	Industrial And Consumer Goods	1913	1380	2275	6706	19613	881	6630	39398
12	Textiles	536	257	351	6658	1069	3388	1510	13769
13	Power Generation	27062	351	2979	26751	2891	1700	27818	89552
14	Power Transmission	4119	0	2480	2268	73	0	573	9513
15	Trading & Marketing	7097	16153	183	3099	710	334	787	28363
16	Transport And Logistic Services	19270	5161	5731	16329	7706	2128	20888	77213
17	Contract & Construction And Tech. Consultancy Services	10902	4816	3109	5468	2662	1728	9487	38172
18	Hotel And Tourist Services	540	67	690	1585	415	213	326	3836
19	Financial Services	2067	359	224	205	244	53	95	3247
20	Telecommunication & Information Technology	53065	157	5	150198	6791	3477	525	214218
21	Enterprises Under Construction	935	8	95	369	5	0	1867	3279
Grand Total :		266478	79096	29629	521778	191159	40060	338494	1466694

The percentage share of major cognate groups in terms of no. of people employed is given in the graph (fig. 5.1) below:-

Fig. 5.1 :% share of major cognate groups



5.6.2 On-Role and Off-Role Employees

Employment in CPSEs is spread across Managerial/Executive roles, Supervisory and Non-Executive roles that are on the roles of the corporation, as well as Casual/Daily employees and Contract

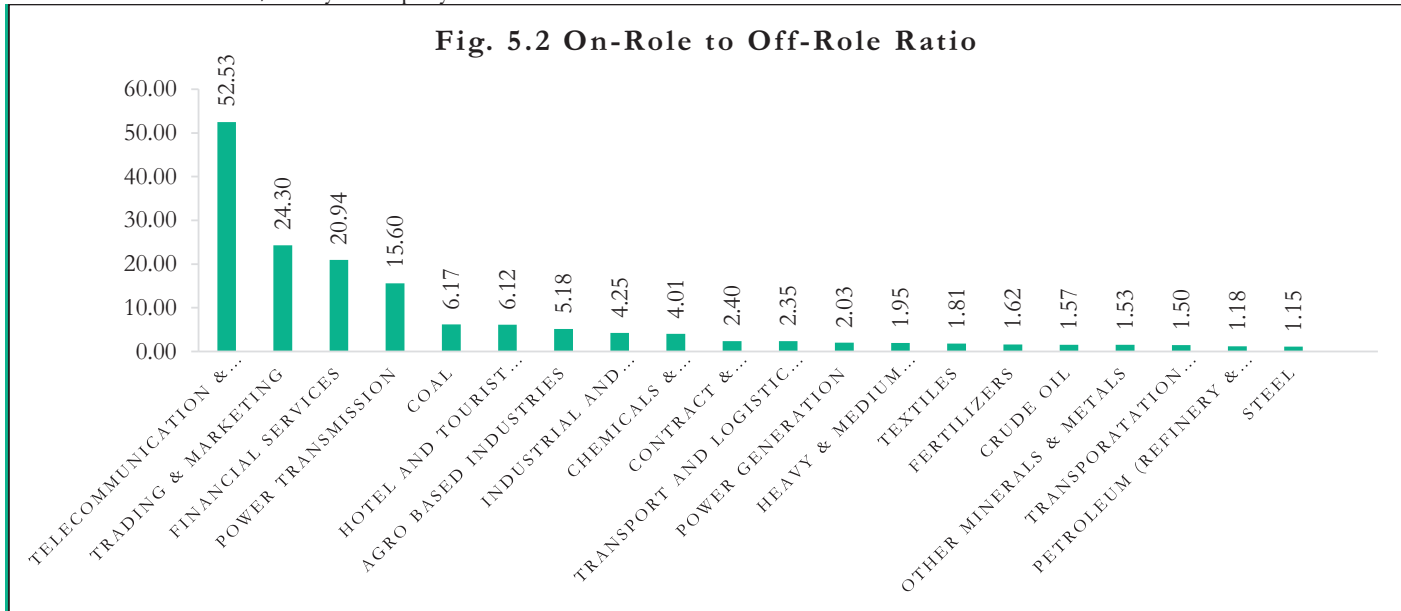
employees that are off-roles. Composition of On-Role and Off-Role Employees is given in the table 5.3 below:-

Table 5.3: Composition of on role and off role employees

Sl. No.	Particulars	No. of employees (As on)	
		31.03.17	31.03.18
1	On-Role Employees	1,135,675	10,88,140
2	Off-Role Employees	367,418	3,78,554
	Total	1,503,093	14,66,694

The ratio of On-Role employees to Off-Role employees varies widely across sectors. This ratio is highest in the Telecommunication & Information Technology cognate group wherein only 4,002 of the 2,10,216 employees are casual and contractual employees, while the rest are On-Roles. The ratio is also high for sectors such as Trading & Marketing, Financial Services, Power Transmission, etc. On the other hand, Contractual employees are predominant in CPSEs in sectors such as Steel, Petroleum (Refinery & Marketing), Transportation Vehicle, Other Mineral & Metals, Crude Oil, etc.

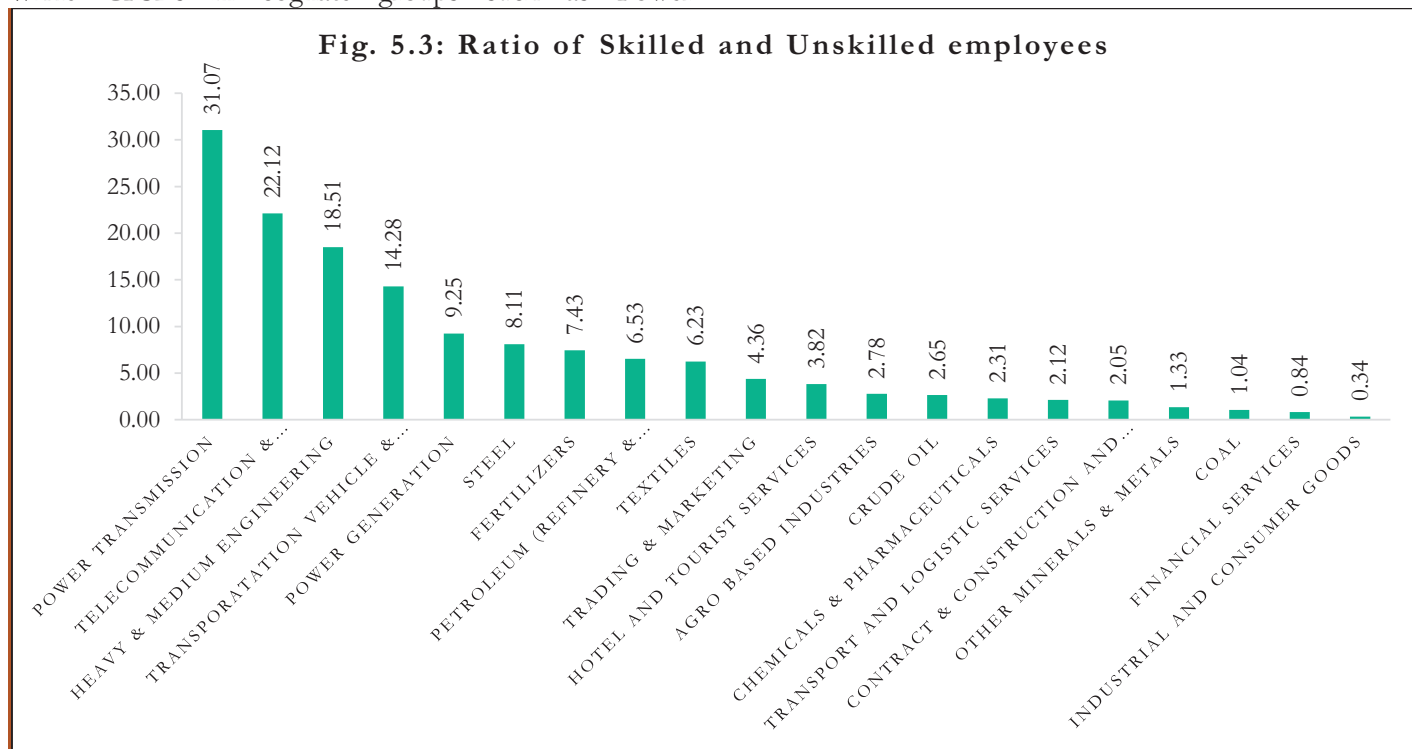
The On-Role to Off-Role ratio of different cognate groups is given in the graph (fig. 5.2) below:-



5.6.3 Skilled and Unskilled Employees

Within on-role non-executive employees, there are widespread variations between the number of skilled and unskilled employees across CPSEs in various cognate groups. The ratio of Skilled and Unskilled employees within on-role non-executive employees stood at 2.73. While CPSEs in cognate groups such as Power

Transmission and Telecommunication & Information Technology sectors have shown ratio of more than 20, CPSEs in Cognate Groups such as Industrial and Consumer Goods, Financial Services, Coal and Other Minerals & Metals have shown ratio of less than 2, as given below at fig, 5.3:-

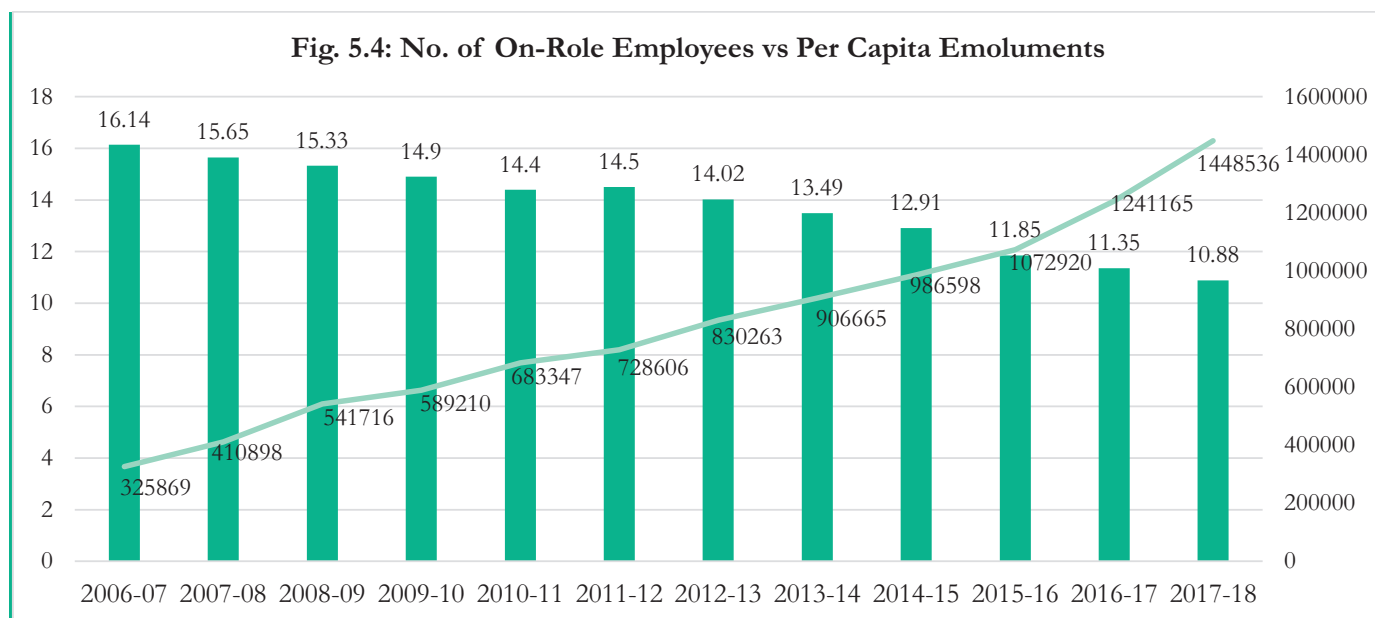


5.6.4 On-Role Employment (permanent employees) in CPSEs

As on 31.3.2018, the 339 CPSEs employed over 10.88 lakh people (excluding contract & casual workers). Around 3.45 lakhs of the manpower of CPSEs belongs to Managerial and Supervisory (unionized) 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 while on other hand the per capita emoluments has been increasing. The per capita emolument was Rs.3,25,869/- per annum during 2006-07 and has increased to Rs. 14,48,536/- per annum during 2017-18. The details of employment in CPSEs and per capita emoluments are shown in Table 5.4 below:-

Table 5.4 Employment & Per Capita Emoluments

Year	Employees (No. in lakh) (Excl. Contract/Causal workers)	Total Emoluments (Rs. in Crorep.a)	Per Capita Emoluments (Rupees p.a)
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
2015-16	11.85	127182	1072920
2016-17	11.35	140956	1241165
2017-18	10.88	157621	1448536



As seen from the above graph (fig. 5.4) there is a declining trend in the number of on-role employees, while per capita emoluments are on increasing trend during the last eleven years.

5.6.5 Employment under Reserved Category

The Personnel and Recruitment Policies in respect of appointments for below Board level posts are formulated by the board/management of respective Central Public Sector Enterprises (CPSEs). However, on matters of general importance, policy guidelines are issued by the Government of India from time to time 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/Departments 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. DPE OM dated 25.02.2015 stipulates that instructions as issued by Government in respect of reservations to SC/ST/OBC/Disability & Ex-servicemen are to be taken as mutatis mutandis extended to all the CPSEs concerned unless specified otherwise by DPE.

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 at table 5.5

Table 5.5: Quota for Reservation Quota for Reservation

Category	Percentage
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)	4%

As per policy of reservation of Ex-servicemen & Dependents of those killed in action, 14.5% posts in respect of skilled workers and 24.5% post in respect of un-skilled posts are reserved for Ex-servicemen in CPSEs.

The need to ensure timely filling up of reserved posts and the backlog has been impressed upon 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 and OBCs in CPSEs. DPE has also extended these instructions to all the administrative Ministries/Departments dealing with CPSEs to fill up these vacancies in a time bound manner.

5.6.6 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.

5.6.7 Reservation for OBC in CPSEs

Based on the recommendations 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. 08.09.1993. 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/Departments 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 all the administrative Ministries/Departments for implementation in CPSEs under their control.

Further in terms of DPE OM dated 25-10-2017, all executives i.e. Board & below board level will be considered as creamy layer subject to the proviso that

those executives whose annual income as per criterion given in DoPT OM dated 08-09-1993 is less than Rs. 8 lakhs (as amended vide DoPT OM dated 13-09-2017) will not fall under creamy layer criteria. It is for the concerned CPSE to issue the necessary orders for the posts covered under creamy layer criteria on the above mentioned principle.

5.6.8 Reservation for Persons with Disabilities (PwD)

DPE has issued a 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. With the enactment of the Rights of Persons with Disabilities Act, 2016, not less than 4% posts shall be reserved for persons with Disabilities.

5.6.9 Reservation for Ex-servicemen

DPE has also extended instructions regarding the scheme for reservation for Ex-servicemen (ESM) 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 also been advised to reserve quota of such agencies/dealership for allotment to Ex-servicemen. The representation of Ex-serviceman as on 31.3.2018 in CPSEs based on the information provided by 257 operating CPSEs is shown in Table 5.6:-

Table 5.6: Reservation of Ex-serviceman in CPSEs

Group of Employees in CPSEs	Total No. of Employees	No. of ESM	% of Employees Total
(1)	(2)	(3)	(4)
Managerial/ Executives	265543	860	0.32
Supervisors	108622	1179	1.09
Workers	712563	4497	0.63
Total	1086728	6536	0.60

5.6.10 Status of Reservation in CPSEs

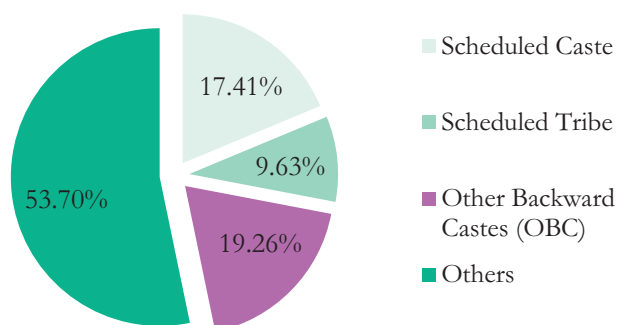
The representation of SCs/STs/OBC as on 31.3.2018 in CPSEs based on the information provided by 257 operating CPSEs is shown in Table 5.7 and fig. 5.5

Table 5.7: Representation of SCs / STs / OBC in CPSEs under different Ministries/Departments as on 31.08.2018

Group	Total No. of Employees	Total Reservation (5+7+9)	% Representation of SCs /STs / OBCs in CPSEs as on 31.03.2018						
			(3/2) SCs No.	% STs No.	%	OBCs No.	%		
1	2	3	4	5	6	7	8	9	10
Managerial/ Executives	265543	102272	38.51	40404	15.22	16602	6.25	45266	17.05
Supervisors	108622	50153	46.17	14136	13.01	8471	7.80	27546	25.36
Workers Skilled	521409	250201	47.99	100935	19.36	52717	10.11	96549	18.52
Workers Unskilled	191154	100534	52.59	33718	17.64	26859	14.05	39957	20.90
Total	1086728	503160	46.30	189193	17.41	104649	9.63	209318	19.26

Note: Details are at Statement No. 24 of Volume-1

Fig. 5.5 Representation of SCs/STs/OBCs in employment of CPSEs



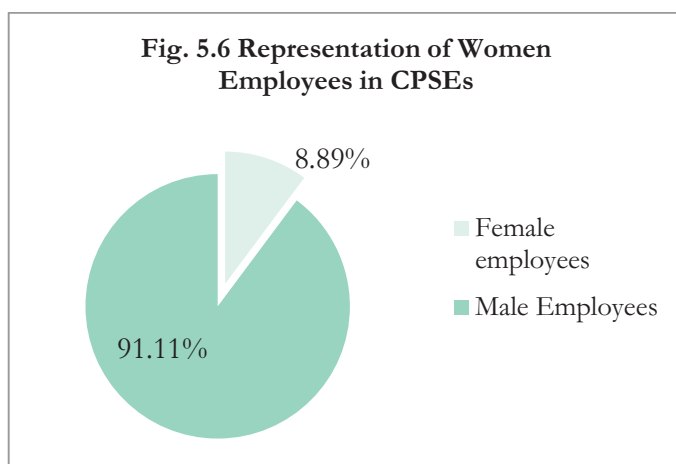
5.6.11 Women Employment in CPSEs:

The Personnel and Recruitment Policies in respect of appointments against below Board level posts are formulated by the board/management of respective CPSEs in consultation with their administrative Ministries/Departments, if required. Like in other sectors, women are employed in Central Public Sector Enterprises also and their percentage of employment is about 9% as on 31.03.2018.

The numbers of women employees in operating 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 5.8 below:-

Table 5.8: Women Employment in CPSEs

	Total Employees			Total female Employees			Female Employees as % of Total		
	2015-16	2016-17	2017-18	2015-16	2016-17	2017-18	2015-16	2016-17	2017-18
Managerial/Executives	262665	264648	265543	27010	28631	25931	10.28	10.82	9.77
Supervisors	117487	104404	108622	8297	10308	7706	7.06	9.87	7.09
Workers	803681	760209	712563	80011	76299	62968	9.96	10.04	8.84
Total	1183833	1129261	1086728	115318	115238	96605	9.74	10.20	8.89



It is evident from the above table 5.8 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- Amended Act 2017). 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.

In the updated Model Conduct, Discipline and Appeal (CDA) Rules, 2017, the provisions for prohibition of sexual harassment of women at work places have also been incorporated. This, inter-alia, include that every employee who is in-charge of a work place shall take appropriate steps to prevent sexual harassment to any woman at the work place. CPSEs have also been advised that there should be no variation in welfare measures

amongst different grades of employees within the same CPSE.

5.6.12 Divyangjan Employment in CPSEs

All 257 operating CPSEs have employed 10,888 Divyangjan employees as on 31.03.2018. The percentage of Divyangjan employees as a percentage of total employment is about 1% as on 31.3.2018. The numbers of Divyangjan employees in operating CPSEs in different groups / level such as managerial / executive level, supervisory level and workmen/clerical level during 2017-18 is shown in the Table 5.9 below:-

Table 5.9: Divyangjan Employment in operating CPSEs

	Total Employees	Total Divyangjan Employees	Divyangjan Employees as % of Total employees
Managerial / Executives	265,543	3,623	1.36
Supervisors	108,622	906	0.83
Workers	712,563	6,359	0.89
Total	1,086,728	10,888	1.00

The Rights of Persons with Disabilities Act (RPwD), 2016 is equally applicable to all CPSEs as per provisions of the RPwD Act, 2016 and in terms of rules framed in this regard vide M/o Social Justice

&Empowerment, D/o Empowerment of Persons with Disability Gazette notification dated 15th June, 2017.

5.6.13 Scheme of Counselling, Retraining and Redeployment (CRR):

The Scheme for Counselling, Retraining and Redeployment (CRR) of Rationalized Employees 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. The Scheme has been subsequently modified in February, 2016 in order to broaden the network of Training Providers and also to follow standardized methodology of training, design and delivery.

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

- i. Re-orient rationalized employees through short duration training programmes
- ii. Equip them for new vocations
- iii. Engage them in income generating self-employment
- iv. Help them rejoin the productive process.

The main elements of the CRR programme are Counselling, Retraining and Redeployment.

Counselling: Counselling is the basic pre-requisite of the rehabilitation programme of the separated employees. The separated employee needs psychological counselling to absorb the distress of loss of assured livelihood and to face the new challenges and also needs support to plan his compensation amount prudently. He/she also needs to be made aware of the new environment of market opportunities so that he/she may, depending upon his/her aptitude and expertise, take up economic activities and continue to be in the production process.

Retraining: The objective of such training is to help the separated employees for rehabilitation. The trainees will be helped to acquire necessary skills/expertise/orientation to start new avocations and re-enter the productive process after loss of their jobs. These training programmes will be short duration

programmes according to the trade decided during counselling.

Redeployment: It will be the endeavor to redeploy such rationalized employees in the production process through the counselling and retraining efforts. At the end of the programme, VRS/VSS optees/dependents should be able to engage themselves in alternate vocations of self/wage employment. Although there cannot be any guarantee that the separated employee will be assured of alternate employment, yet possible help from the identified nodal training agencies as well as from the CPSEs concerned would be extended to them for starting new avocations.

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.

During the year 2017-18, an allocation of Rs 2.67 Crore (RE) was made for the CRR scheme. The assigned target for coverage of 2000 VRS/VSS optees/dependents has been achieved and 1309 (65%) redeployed (self/wage employment). Skill training was imparted at 17 locations by 4 empanelled Training Partners. Some of the trades of training include Retail Sales Associate, Inventory Clerk, Assistant Electrician, Fitter-Mechanical Assembly, Domestic Data Entry Operator, Light Motor Vehicle Driver, Electrical Technician, Small Poultry Farmer, Beauty Therapist, CCTV Technician, etc.

Table 5.10: Details of trainings provided under CRR scheme.

Year	No. of VRS optees trained
2008-09	9772
2009-10	7400
2010-11	9265
2011-12	9400
2012-13	7506
2013-14	3230
2014-15	2525
2015-16	3150
2016-17	1576
2017-18	2000
Total (since 2001-02)	1,92,375

In August, 2018, a tripartite agreement was signed between Department of Public Enterprises, National Skill Development Fund (NSDF) under Ministry of Skill Development & Entrepreneurship (MSDE) and National Skill Development Corporation (NSDC) to initiate a skill development project with the objective to provide skill training under National Skills Qualification Framework (NSQF) to employees of CPSEs who left service under VRS or their dependents; over a period of one year. The scope of the project is:

- i. Provide counselling, retraining and redeployment to CPSE's separated employees.
- ii. Skill Training and Certification of VRS optees or their dependents.
- iii. Redeployment (either self/wage employment) post-training.

5.7 Corporate Social Responsibility of CPSEs:

As per Section-135 of Companies Act, 2013, all profit making corporates, including Central Public Sector Enterprises (CPSEs) exceeding threshold limits prescribed in the Act regarding net worth of Rs. 500 crore, or turnover of Rs. 1000 crore or net profit of Rs. 5 crore in pursuance of its CSR Policy are mandated to spend at least 2% of the average net profits (Profit Before Tax) of the company made during the three immediately preceding years for undertaking CSR activities as per items listed in Schedule-VII of the Act.

Every company qualifying threshold limits will constitute a Corporate Social Responsibility (CSR) Committee of the Board consisting of three or more Directors, out of which at least one Director shall be an independent Director. The CSR Committee shall formulate and recommend to the Board a CSR Policy which shall indicate the activities to be undertaken by the company as specified in Schedule-VII; recommend the amount of expenditure on the activities selected to undertake CSR; and monitor the CSR Policy of the company from item to time. The Board of every such CPSE will, after taking into account the recommendations made by CSR Committee, approve the CSR Policy for the company, disclose contents of such policy in its report and place it on the company's website. CSR Committee will also ensure that the CPSE

undertakes the activities included in CSR Policy of the Company.

As per the provisions in Section 135 (5) of the Act, the company shall give preference to the local area and areas around it where it operates, for spending the amount earmarked for Corporate Social Responsibility activities.

In case the company fails to spend two percent of the average net profit of the last three financial years or any part thereof, the company shall provide reasons for not spending the amount in its Board's Report made under Clause (o) of sub-section (3) of Section 134. The Board's Report of a company covered under CSR Rules pertaining to a financial year commencing on or after the first day of April, 2014 shall include an annual report on CSR containing particulars as specified in Annexure to the CSR Rules. CPSEs with the approval of the Board may decide to carry forward the unspent CSR amount of a financial year to spend the same in the next year for performing CSR activities which will be over and above the allocation of that year.

5.7.1 The Companies (CSR Policy) Rules, 2014

The Companies (Corporate Social Responsibility Policy) Rules, 2014 were notified on 27th February, 2014, and came into force from 01.04.2014. CSR Rules, 2014 are mandatory in nature and are to be complied with by all companies, including CPSEs from 2014-15.

5.7.2 List of Activities specified in Schedule-VII of the Act

The list of activities which can be undertaken by a company under CSR have been specified in Schedule VII of the Act. The Schedule has since been amended from time to time and the updated list under Schedule VII is as follows:

- (i) Eradicating hunger, poverty and malnutrition; promoting health care including preventive health care and sanitation including contribution to the 'Swachh Bharat Kosh' set-up by the Central Government for the

promotion of sanitation and making available safe drinking water;

- (ii) Promoting education, including special education and employment enhancing vocational skills especially among children, women, elderly, and the differently abled and livelihood enhancement projects;
- (iii) Promoting gender equality and empowering women, setting up homes and hostels for women and orphans; setting up old age homes, day care centres and such other facilities for senior citizens and measures for reducing inequalities faced by socially and economically backward groups;
- (iv) Ensuring environmental sustainability, ecological balance, protection of flora and fauna, animal welfare, agro forestry, conservation of natural resources and maintaining quality of soil, air and water including contribution to the 'Clean Ganga Fund' set-up by the Central Government for rejuvenation of river Ganga;
- (v) Protection of national heritage, art and culture including restoration of building and sites of historical importance and works of art; setting up public libraries; promotion and development of traditional arts and handicrafts;
- (vi) Measures for the benefit of armed forces veterans, war widows and their dependents;
- (vii) Training to promote rural sports, nationally recognized sports, Paralympic sports and Olympic sports;
- (viii) Contribution to the Prime Minister's National Relief Fund or any other fund set up by the Central Government for socio-economic development and relief and welfare of the Scheduled Castes, the Scheduled Tribes, other backward classes, minorities and women;

(ix) Contributions or funds provided to technology incubators located within academic institutions which are approved by the Central Government;

(x) Rural development projects and

(xi) Slum area development.

CSR Study Unit set up by Department of Public Enterprises at IIT Bombay

Department of Public Enterprises in collaboration with IIT Bombay has set up a CSR Study Unit known as DPE-IITB project at Centre for Technology Alternative in Rural Areas (CTARA), IIT Bombay. The CSR Unit will undertake PAN - India study of all CSR eligible CPSEs in the country and the impact assessment of CSR activities / projects undertaken by CPSEs as per provisions of Companies Act, 2013 and also to build projects and programmes for interested CPSEs and make an annual review of CSR projects by the CPSEs. All CPSEs will be benefitted from the technical knowhow of CTARA while deciding on the CSR activities to be undertaken by them especially in rural areas.

5.7.3 CSR Expenditure by CPSEs during 2017-18

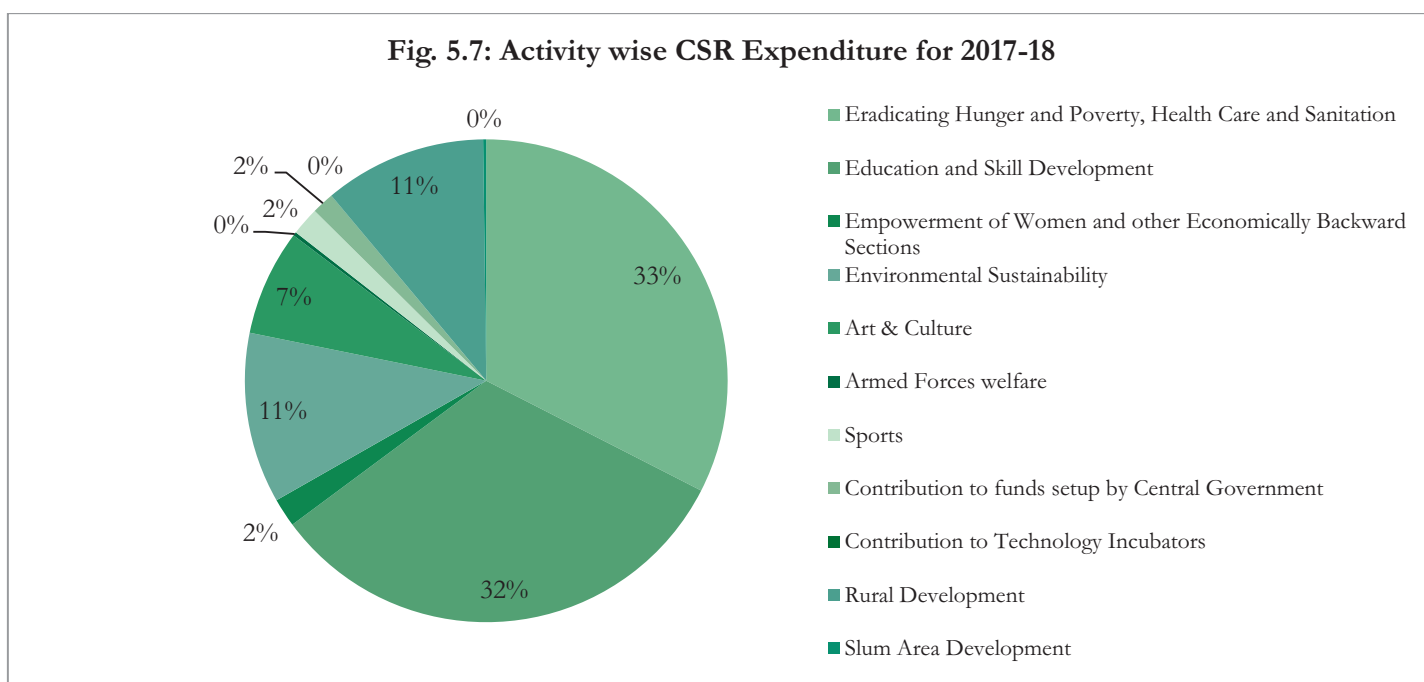
During the year 2017-18, 153 CPSEs have spent Rs. 3442.42 Crore on CSR activities. However, 2% of PBT for these CPSEs stand Rs. 3693.47 Crore.

The break-up CSR Expenditure based on various activities for the year 2017-18 has been given in the table 5.11 and graph (fig. 5.7)

Table 5.11: Activity wise CSR Expenditure (2017-18) (Rs. in crore)

Sl. No.	Sectors	Actual Expenditure
1	Eradicating Hunger and Poverty, Health Care and Sanitation	1119.34
2	Education and Skill Development	1112.65
3	Empowerment of Women and other Economically Backward Sections	66.14
4	Environmental Sustainability	393.47
5	Art & Culture	244.32
6	Armed Forces welfare	8.50
7	Sports	64.98
8	Contribution to funds setup by Central Government	50.92
9	Contribution to Technology Incubators	0.36
10	Rural Development	374.68
11	Slum Area Development	7.06
Total		3442.42

Fig. 5.7: Activity wise CSR Expenditure for 2017-18



Details of the CSR expenditure incurred by these CPSEs during the year 2017-18 are given at table 5.12 below:

Table 5.12: CSR expenditure by CPSEs during 2017-18

(Rs. in Crore)						
Sl. No.	CPSEs Name	Average PBT of last 3 years	2% of Average PBT of last 3 Years	Amount allocated for CSR (including Carried forward, if any)	Actual CSR spent	Unspent CSR amount
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	102.07	2.04	1.41	0.04	1.37
2	AIR INDIA EXPRESS LTD.	199.13	3.98	3.98	0.30	3.68
3	AIRPORTS AUTHORITY OF INDIA	3682.12	73.64	110.33	71.90	38.43
4	ANDREW YULE & COMPANY LTD.	19.03	0.38	0.19	0.19	0.00
5	ANTRIX CORPORATION LTD.	322.88	6.46	19.48	6.96	12.52
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	44.53	0.89	2.19	1.99	0.20
7	BALMER LAWRIE & CO. LTD.	234.92	4.70	4.47	4.38	0.09
8	BALMER LAWRIE INVESTMENTS LTD.	38.74	0.77	0.12	0.12	0.00
9	BEL OPTRONICS DEVICES LTD.	6.40	0.13	0.25	0.06	0.19
10	BEML LTD.	61.04	1.22	3.34	3.34	0.00
11	BHARAT BROADBAND NETWORK LTD.	7.43	0.15	0.15	0.15	0.00
12	BHARAT COKING COAL LTD.	498.94	9.98	28.35	2.74	25.61
13	BHARAT DYNAMICS LTD.	754.77	15.10	27.35	17.76	9.59
14	BHARAT ELECTRONICS LTD.	1742.74	34.85	68.20	24.60	43.60
15	BHARAT HEAVY ELECTRICALS LTD.	534.56	10.69	64.30	33.16	31.14
16	BHARAT PETROLEUM CORPN. LTD.	9616.45	192.33	310.56	166.02	144.54
17	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	-0.01	0	0.60	0.57	0.03
18	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	57.00	1.14	1.14	0.89	0.25
19	BRIDGE & ROOF CO.(INDIA) LTD.	16.72	0.33	0.37	0.37	0.00
20	BROADCAST ENGINEERING CONSULTANTS INDIA LTD	-2.17	0.00	0.04	0.00	0.04
21	CEMENT CORPN. OF INDIA LTD.	45.31	0.91	0.91	0.09	0.82
22	CENTRAL COALFIELDS LTD.	2740.85	54.82	54.80	45.68	9.12
23	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD	-0.19	0.00	0.01	0.01	0.00
24	CENTRAL ELECTRONICS LTD.	12.36	0.25	0.12	0.12	0.00
25	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	39.17	0.78	1.50	1.37	0.13
26	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	20.36	0.41	0.27	0.27	0.00
27	CENTRAL WAREHOUSING CORPN.	268.07	5.36	5.48	5.28	0.20
28	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	14.67	0.29	0.31	0.31	0.00
29	CHENNAI PETROLEUM CORPORATION LTD.	460.43	9.21	9.20	9.18	0.02
30	COAL INDIA LTD.	14977.25	299.55	24.31	24.31	0.00
31	COCHIN SHIPYARD LTD.	427.07	8.54	8.54	8.57	0.00
32	CONCOR AIR LTD.	17.34	0.35	0.73	0.13	0.60

33	CONTAINER CORPORATION OF INDIA LTD.	1261.00	25.22	26.75	15.75	11.00
34	COTTON CORPN. OF INDIA LTD.	19.66	0.39	0.32	0.32	0.00
35	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	64.37	1.29	2.10	2.08	0.02
36	DREDGING CORPN. OF INDIA LTD.	40.93	0.82	2.23	1.09	1.14
37	DELHI POLICE HOUSING CORPORATION LTD.	1.30	0.03	0.03	0.03	0.00
38	E. C. G. C. LTD.	350.01	7.00	12.31	6.56	5.75
39	EASTERN COALFIELDS LTD.	973.64	19.47	28.21	12.69	15.52
40	EdCIL(India) Ltd.	33.80	0.68	0.68	0.69	0.00
41	ELECTRONICS CORPN. OF INDIA LTD.	76.18	1.52	1.54	1.39	0.15
42	ENGINEERING PROJECTS (INDIA) LTD.	27.84	0.56	0.02	0.01	0.01
43	ENGINEERS INDIA LTD.	462.52	9.25	35.99	14.74	21.25
44	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	53.95	1.08	1.08	1.11	0.00
45	FERRO SCRAP NIGAM LTD.	40.79	0.82	0.63	0.63	0.00
46	GAIL (INDIA) LTD.	4252.38	85.05	104.51	91.65	12.86
47	GAIL GAS LTD	61.35	1.23	1.18	1.17	0.01
48	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	115.35	2.31	2.67	2.67	0.00
49	GOA SHIPYARD LTD.	113.77	2.28	2.28	2.88	0.00
50	HIL (INDIA) LTD.	2.92	0.06	0.12	0.12	0.00
51	HINDUSTAN AERONAUTICS LTD.	3320.69	66.41	73.94	77.29	0.00
52	HINDUSTAN COPPER LTD.	71.65	1.43	3.70	3.43	0.27
53	HINDUSTAN FLUOROCARBONS LIMITED	-6.59	0.00	0.06	0.06	0.00
54	HINDUSTAN PETROLEUM CORPN. LTD.	6317.20	126.34	156.38	156.86	0.00
55	HLL INFRA TECH SERVICES LTD.	1.95	0.04	0.17	0.00	0.17
56	HLL LIFECARE LTD.	11.02	0.22	0.26	0.29	0.00
57	HOUSING & URBAN DEV. CORPN. LTD.	1144.35	22.89	22.89	12.29	10.60
58	HSCC (INDIA) LTD.	60.33	1.21	1.44	1.44	0.00
59	INDIA INFRASTRUCTURE FINANCE CO. LTD.	865.03	17.30	17.32	17.32	0.00
60	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	0.07	0.00	0.18	0.00	0.18
61	INDIA TOURISM DEV. CORPN. LTD.	29.63	0.59	0.59	0.60	0.00
62	INDIA TRADE PROMOTION ORGANISATION	180.96	3.62	6.90	3.34	3.56
63	INDIAN OIL CORPORATION LTD.	17047.69	340.95	331.05	331.05	0.00
64	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	282.79	5.66	5.68	5.44	0.24
65	INDIAN RAILWAY FINANCE CORPORATION LTD.	1999.12	39.98	60.49	23.78	36.71
66	INDIAN RARE EARTHS LTD	-23.00	0.00	0.80	0.80	0.00
67	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	441.46	8.83	24.14	3.61	20.53
68	IRCON INFRASTRUCTURE & SERVICES LTD.	21.23	0.42	0.12	0.12	0.00

69	IRCON INTERNATIONAL LTD.	659.46	13.19	8.58	8.73	0.00
70	IRCON PB TOLLWAY LTD	2.18	0.04	0.07	0.00	0.07
71	KAMARAJAR PORT LTD.	449.95	9.00	8.90	2.20	6.70
72	KANTI BIJLEE UTPADAN NIGAM LTD.	-17.50	0.00	0.11	0.11	0.00
73	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	31.53	0.63	0.63	0.64	0.00
74	KARNATAKA TRADE PROMOTION ORGANISATION	24.46	0.49	0.09	0.02	0.07
75	KIOCL LTD.	-9.06	0	0.16	0.16	0.00
76	KONKAN RAILWAY CORPORATION LTD.	78.44	1.57	2.64	1.06	1.58
77	KUMARAKRUPPA FRONTIER HOTELS LTD.	10.31	0.21	0.21	0.21	0.00
78	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.			0.04	0.04	0.00
79	M M T C LTD.	66.33	1.33	1.26	0.49	0.77
80	M S T C LTD.	106.58	2.13	2.14	2.15	0.00
81	MADRAS FERTILIZERS LTD			0.07	0.07	0.00
82	MAHANADI COALFIELDLS LTD.	6144.69	122.89	122.85	267.52	0.00
83	MANGALORE REFINERY & PETROCHEMICALS LTD.	1511.28	30.23	33.87	10.30	23.57
84	MAZAGON DOCK SHIPBUILDERS LTD.	841.01	16.82	37.37	24.35	13.02
85	MECON LTD.	-76.79	0.00	4.98	0.42	4.56
86	MINERAL EXPLORATION CORPN. LTD.	123.76	2.48	2.48	2.03	0.45
87	MISHRA DHATU NIGAM LTD.	162.24	3.24	3.26	3.28	0.00
88	MOIL LTD.	460.91	9.22	9.22	9.62	0.00
89	MUMBAI RAILWAY VIKAS CORPORATION LTD.	33.39	0.67	1.10	1.01	0.09
90	NATIONAL ALUMINIUM COMPANY LTD.	1422.26	28.45	27.88	29.01	0.00
91	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	28.91	0.58	1.12	0.46	0.66
92	NATIONAL FERTILIZERS LTD.	219.34	4.39	6.85	2.97	3.88
93	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	40.70	0.81	1.00	0.58	0.42
94	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	12.90	0.26	0.49	0.11	0.38
95	NATIONAL HADICAPPED FINANCE & DEVELOPMENT CORPN. LTD	6.35	0.13	0.38	0.07	0.31
96	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	99.91	2.00	1.98	0.00	1.98
97	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	35.11	0.70	1.28	0.01	1.27
98	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	22.24	0.44	0.48	0.48	0.00
99	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	12.49	0.25	0.92	0.09	0.83

100	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	43.29	0.87	0.87	0.33	0.54
101	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	22.08	0.44	1.22	0.17	1.05
102	NATIONAL SEEDS CORPN. LTD.	63.70	1.27	2.13	1.13	1.00
103	NATIONAL SMALL INDUSTRIES CORPN. LTD.	151.54	3.03	3.03	3.03	0.00
104	NBCC (INDIA) LTD.	427.54	8.55	8.76	8.96	0.00
105	NBCC SERVICES LTD	6.39	0.13	0.13	0.13	0.00
106	NHDC LTD.	1030.90	20.62	44.36	21.07	23.29
107	NHPC LTD.	3160.42	63.21	59.52	38.55	20.97
108	NLC INDIA LTD.	1828.88	36.58	43.59	43.59	0.00
109	NLC TAMIL NADU POWER LTD	-36.48	0.00	1.44	1.44	0.00
110	NMDC Ltd.	6051.64	121.03	195.16	169.37	25.79
111	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	410.13	8.20	8.55	5.32	3.23
112	NORTHERN COALFIELDS LTD.	3648.93	72.98	72.47	36.59	35.88
113	NTPC LTD.	11176.77	223.54	220.75	241.54	0.00
114	NTPC VIDYUT VYAPAR NIGAM LTD.	88.36	1.77	1.88	1.70	0.18
115	NUCLEAR POWER CORPN. OF INDIA LTD.	3154.04	63.08	62.66	63.14	0.00
116	NUMALIGARH REFINERY LTD.	2048.56	40.97	45.94	46.25	0.00
117	OIL & NATURAL GAS CORPORATION LTD.	25123.19	502.46	2017.71	503.44	1514.27
118	OIL INDIA LTD.	3105.20	62.10	61.76	100.58	0.00
119	ORISSA MINERAL DEVELOPMENT COMPANY LTD	19.19	0.38	0.71	0.13	0.58
120	PAWAN HANS LTD	181.32	3.63	0.88	0.29	0.59
121	PFC CONSULTING LTD.	59.66	1.19	1.26	1.20	0.06
122	POWER FINANCE CORPORATION LTD.	7516.23	150.32	249.41	118.18	131.23
123	POWER GRID CORPORATION OF INDIA LTD.	7799.88	156.00	281.32	157.99	123.33
124	POWER SYSTEM OPERATION CORPORATION LTD.	65.62	1.31	1.27	1.28	0.00
125	PFC CAPITAL ADVIOSRY SERVICE LTD	2.12	0.04	0.03	0.03	0.00
126	PFC GREEN ENERGY LTD	34.80	0.70	0.70	0.00	0.70
127	RAIL VIKAS NIGAM LTD.	364.32	7.29	7.67	7.67	0.00
128	RAILTEL CORPORATION INDIA LTD.	184.18	3.68	3.70	0.76	2.94
129	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	11.23	0.22	0.22	0.16	0.06
130	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	18.70	0.37	0.55	0.49	0.06
131	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	341.20	6.82	7.73	7.79	0.00
132	RASHTRIYA ISPAT NIGAM LTD.	-1096.32	0	13.00	9.60	3.40
133	REC POWER DISTRIBUTION CO. LTD.	56.21	1.12	1.25	0.95	0.30

134	REC TRANSMISSION PROJECTS CO. LTD.	54.07	1.08	1.08	0.58	0.50
135	RITES LTD.	486.55	9.73	9.90	9.90	0.00
136	RURAL ELECTRIFICATION CORPN. LTD.	8110.98	162.22	238.72	49.45	189.27
137	SAIL REFRACTORY COMPANY LTD.	31.62	0.63	0.64	0.64	0.00
138	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	314.76	6.30	4.66	4.66	0.00
139	SHIPPING CORPORATION OF INDIA LTD.	414.27	8.29	7.47	3.11	4.36
140	SIDCUL CONCOR INFRA COMPANY LTD	-2.25	0.00	0.13	0.00	0.13
141	SJVN LTD.	1875.13	37.50	37.50	38.76	0.00
142	SOLAR ENERGY CORPORATION OF INDIA	39.06	0.78	0.29	0.29	0.00
143	SOUTH EASTERN COALFIELDS LTD.	4664.98	93.30	279.65	93.62	186.03
144	STATE TRADING CORPN. OF INDIA LTD.	-31.42	0	0.15	0.13	0.02
145	STEEL AUTHORITY OF INDIA LTD.	-31.66	0.00	26.00	25.70	0.30
146	TAMIL NADU TRADE PROMOTION ORGANISATION	25.51	0.51	0.51	0.51	0.00
147	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	55.95	1.12	1.47	1.21	0.26
148	THDC INDIA LTD.	813.64	16.27	16.20	16.20	0.00
149	THE JUTE CORPN. OF INDIA LTD.	15.76	0.32	0.37	0.27	0.10
150	URANIUM CORPORATION OF INDIA LTD.	125.23	2.50	2.50	1.92	0.58
151	VIGYAN INDUSTRIES LTD	-0.02	0.00	0.01	0.01	0.00
152	WAPCOS LTD.	133.87	2.68	2.68	3.03	0.00
153	WESTERN COALFIELDS LTD.	-45.42	0.00	9.12	7.23	1.89
Total		183294.72	3693.47	6024.85	3442.42	2795.60

5.8 Delegation of Enhanced Financial Powers to CPSEs

The Board of Directors of a CPSE exercises 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.

5.8.1 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.

A. Eligibility criteria for grant of Maharatna status:

The CPSEs fulfilling the following criteria are eligible to be considered for grant of Maharatna status:-

- Having Navratna status
- Listed on Indian Stock Exchange, with minimum prescribed public shareholding under SEBI regulations
- An average Annual Turnover during the last 3 years of more than Rs. 25,000 Crore
- An average Annual Net Worth during the last 3 years of more than Rs.15,000 Crore
- An average annual Net Profit After Tax during the last 3 years of more than Rs.5,000 Crore
- Significant global presence or international operations.

B. Delegation of powers to Maharatna CPSEs:

The Maharatna CPSEs in addition to having Navratna powers have been delegated add

15-20itional powers in the area of investment in Joint Ventures/Subsidiaries and Human Resources Development. The Maharatna CPSEs can invest Rs.

5,000 Crore in one project (Rs. 1,000 Crore for Navratna CPSEs) and create below Board level posts up to E-9 level (E-6 for Navratna CPSEs).

C. Names of Maharatna CPSEs:

The Government has granted Maharatna status to eight CPSEs namely,

- i. Bharat Heavy Electricals Limited
- ii. Bharat Petroleum Corporation Limited
- iii. Coal India Limited
- iv. GAIL (India) Limited
- v. Indian Oil Corporation Limited
- vi. NTPC Limited
- vii. Oil & Natural Gas Corporation Limited
- viii. Steel Authority of India Limited.

D. During the year 2017-18, Apex Committee meeting was held under the chairmanship of Cabinet Secretary, to consider the proposal of grant of Maharatna status and Bharat Petroleum Corporation Limited was granted the Maharatna status.

5.8.2 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.

A. Eligibility Criteria:

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 (MoU) 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.

B. 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 centres, opening of offices in India and abroad, creating new activity centres, 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:

- a) Rs. 1000 Crore in any one project
- b) 15% of the Net Worth of the CPSE in one project
- c) 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

- It should be as per the growth plan and in the core area of functioning of the CPSE
- Conditions/limits would be as in the case of establishing joint ventures/subsidiaries and
- 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.

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, Financial Directors and 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

C. Names of Navratna CPSEs:

There were sixteen Navratna CPSEs as on 31.3.2018, namely,

- i. Bharat Electronics Limited
- ii. Container Corporation of India Limited
- iii. Engineers India Limited
- iv. Hindustan Aeronautics Limited
- v. Hindustan Petroleum Corporation Limited
- vi. Mahanagar Telephone Nigam Limited
- vii. National Aluminium Company Limited
- viii. National Buildings Construction Corporation Limited
- ix. Neyveli Lignite Corporation Limited
- x. NMDC Limited
- xi. Oil India Limited
- xii. Power Finance Corporation Limited
- xiii. Power Grid Corporation of India Limited
- xiv. Rashtriya Ispat Nigam Limited
- xv. Rural Electrification Corporation Limited
- xvi. Shipping Corporation of India Limited

5.8.3 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.

A. Eligibility Criteria for Miniratna Status:

The eligibility conditions and criteria are:

- a) **Category-I CPSEs** should have made profit in the last three years continuously, the pre-tax profit should have been Rs. 30 Crores or more in at least one of the three years and should have a positive Net Worth.
- b) **Category-II CPSEs** should have made profit for the last three years continuously and should have a positive Net Worth.
- c) 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.
- d) These public sector enterprises shall not depend upon budgetary support or Government guarantees.
- e) 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.
- f) 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.

B. 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 Rs. 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 Rs. 250

Crore or equal to 50% of the Net Worth, whichever is less.

(ii) Joint Ventures and Subsidiaries:

- a) **Category-ICPSEs:** 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 Net Worth of the CPSE or Rs. 500 Crore, whichever is less. The overall ceiling on such investment in all projects put together is 30% of the Net Worth 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 Net Worth of the CPSE or Rs. 250 Crore, whichever is less. The overall ceiling on such investment in all projects put together is 30% of the Net Worth 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.

The above delegation of powers is subject to similar conditions as are applicable to Navratna CPSEs.

C. Names of Miniratna CPSEs:

Presently there are seventy five Miniratna CPSEs (60 Category-I and 15 Category-II). The list of these Miniratna CPSEs is enclosed at Annex-5.3.

D. DPE organized an interaction meeting on 24th November, 2017 at SCOPE Convention Centre, Lodi Road, New Delhi with representatives of select CPSEs on the issue of enhancing exports from CPSEs.

Dr. Jagat Shah, a renowned Management Expert interacted with representatives of CPSEs and deliberated on strategies to be adopted for enhancing export competitiveness of CPSEs.

5.9 MoU System in CPSEs

Memorandum of Understanding (MoU) is a negotiated agreement and contract between the Administrative Ministry/Department/Holding CPSEs i.e. majority shareholder and the Management of the Central Public Sector Enterprises (CPSE) on selected parameters having targets decided normally before the start of a new financial year and results evaluated after the end of the year to major the performance.

The Government of India introduced the system of MoU in the year 1986, based on recommendations given by Arjun Sen Gupta Committee report (1984). The report recommended that the CPSEs should enter into agreements with their Administrative Ministries for five years, with progress would be reviewed annually. The MoU system was given broader thrust by the Government after the announcement of the New Industrial Policy of 1991. In view of the above policy statement, the scope of MoU system has been extended to cover nearly all CPSEs over a period of time and this is given at table 5.13 below:

Table 5.13: Details of MoU's signed

Year	No. of MoU's signed
2009-10	197
2010-11	198
2011-12	197
2012-13	196
2013-14	197
2014-15	214
2015-16	215
2016-17	231
2017-18	196
2018-19	167*
*provisional	

Purpose of MoU: The purpose of the MoU is to measure the performance of the management of the CPSEs on key selected parameters against the targets

agreed upon so as to improve the critical performance indicators of the organization.

Parameters: CPSEs working various sectors under different conditions. In view of this, the following guidelines are laid down:-

- i. There would be uniform parameters for measuring financial performances such as revenue from operations. Operating profit and return on investment (e.g. ratio of PAT/Net Worth). This would be applicable to all CPSEs, except CPSEs which are dependent on government grant or performing functions of distribution of grants etc. e.g. Biotechnology Industry Research Assistance Council (BIRAC). Hence, three financial parameters have been prescribed for all CPSEs which total weightage of 50% except for CPSEs like BIRAC.
- ii. For the remaining 50% weightage, a menu of parameters has been suggested for selection depending on the sector in which the CPSE is operating. The parameters most appropriate and relevant for measuring performance shall be suggested by the Pre-Negotiation Committee (PNC) to the Inter-Ministerial Committee (IMC). In all the cases IMC shall take appropriate decision on the suggestions made by PNC.
- iii. Chairman IMC is authorized to modify the parameters or weightages of parameters in sector specific cases, if justified.

Pre-Negotiation Committee (PNC): The role of the Pre-negotiation Committee is to assist IMC in determining the most appropriate and relevant parameters for measuring improvement in performance and for fixing targets. Meetings of the Pre-Negotiation Committee is held in each case before the meetings of IMC to look at the trends, discuss, negotiate and recommend MoU parameters and targets. The Pre-Negotiation Committee comprises Adviser (MoU), DPE, concerned Joint Secretary/Adviser of Administrative Ministry, concerned Adviser (NITI Aayog), Director (MoU) and representative from Ministry of Statistics and Programme Implementation (MoSPI).

Inter-Ministerial Committee (IMC): MoU targets are decided by the IMC. Inter-Ministerial Committee on

MoU consists of Secretary, DPE as Chairman, Secretary of concerned Administrative Ministry/Department or his representative not below the rank of Joint Secretary (Member), Secretary, Ministry of Statistics and Programme Implementation or his representative not below the rank of Joint Secretary (Member), Additional Secretary, NITI Aayog or his representative (Member). Secretary, DPE may co-opt any officer who is a finance expert in case the need is felt, Adviser (MoU), DPE for secretarial support to the Committee.

Time-lines for submission of MoU: The draft MoU with all documents/Annexures should be submitted to Administrative Ministry/Department in respect of all CPSEs and their subsidiaries by 21st November of each year for the forthcoming year/the draft MoU after the approval of Administrative Ministry/Department should be sent to DPE by 15th December of each year for the forthcoming year with all documents/Annexures. A copy of draft MoU may also be sent to IMC Members other than DPE. Secretary, DPE is authorized to extend the dates.

MoU Signing Process: MoU based on the parameters, targets and weightage recommended by IMC without any deviation shall be signed between CMD/MD of CPSE and Secretary of Administrative Ministry/Department in case of holding/independent CPSEs and between CEO/MD of subsidiary company and CMD/MD of holding CPSE in case of subsidiary by 31st March (i.e. before start of financial year in respect of which targets are fixed) or within 21 days from issue of IMC meeting minutes, whichever is later. In case, deviation is detected, IMC minutes would prevail.

For Evaluation of MoU: Evaluation of MoU of the CPSE is done after the end of the year on the basis of actual achievements vis-à-vis the MoU targets. CPSEs (Holding as well as Subsidiaries) are required to submit performance evaluation reports on the basis of audited accounts to Department of Public Enterprises after approval of the Board of CPSE and through the administrative Ministries/Departments on or before 30th September (in respect of immediately preceding year) or any other date communicated by DPE. Figures and information in the MoU achievement which are not verifiable from audited accounts would be relied on the

basis of certification by way of resolution of the Board given separately for each parameter.

MoU Score and Rating: MoU score is an aggregate of score on all parameters with respect to performance vis-à-vis the targets. With a view to distinguish 'Excellent Performance' from 'Poor Performance', five different performance ratings have been fixed in the MoU, i.e., 'Excellent', 'Very Good', 'Good', 'Fair', and 'Poor'.

The system of rating of CPSEs on the basis of MoU Aggregate Score is as follows:-

Aggregated Score	Rating
$90 \leq \text{Score} \leq 100$	Excellent
$70 \leq \text{Score} < 90$	Very Good
$50 \leq \text{Score} < 70$	Good
$33 \leq \text{Score} < 50$	Fair
$0 \leq \text{Score} < 33$	Poor

Score and rating is subject to fulfilling following criteria failing which aggregate MoU score would be reduced by 1 mark for each instance of non-compliance subject to maximum of 5 marks and the rating is modified accordingly:

- i. Compliance of Provisions of The Companies Act, 2013 or the relevant Act under which they have been regulated (To the extent compliances are within the ambit of CPSEs).
- ii. In case of listed CPSEs, compliance of provisions of Listing Agreement (To the extent compliances are within the ambit of CPSEs).
- iii. Compliance of DPE Guidelines having financial implications.
- iv. No adverse observations by CAG on Annual Accounts pointing out misappropriation of funds of any amount or over statement of profit/surplus/assets or understatement of loss/deficit/liabilities amounting to 5% of Revenue from Operation.
- v. Holding of AGM without seeking extension of time.
- vi. Submission of Draft MoU/MoU evaluation through administrative ministry/department to DPE by prescribed date.

- vii. Signing of MoU as prescribed without deviation from minutes of the IMC meeting.
- viii. Compliance of Public Procurement Policy for Micro and Small Enterprises issued by M/o Micro Small and Medium Enterprises.
- ix. Compliance of DPE guidelines on allocation of CSR fund by CPSEs for Swachh Bharat activities.
- x. Compliance of DPE guidelines on Digital India.
- xi. Compliance of DPE guidelines on any policy, issued from time to time, and prescribed specifically in this regard.

Compliance of each of additional eligibility criteria to be confirmed/certified by Board of Directors by way of resolution.

5.9.1 MoU Evaluation

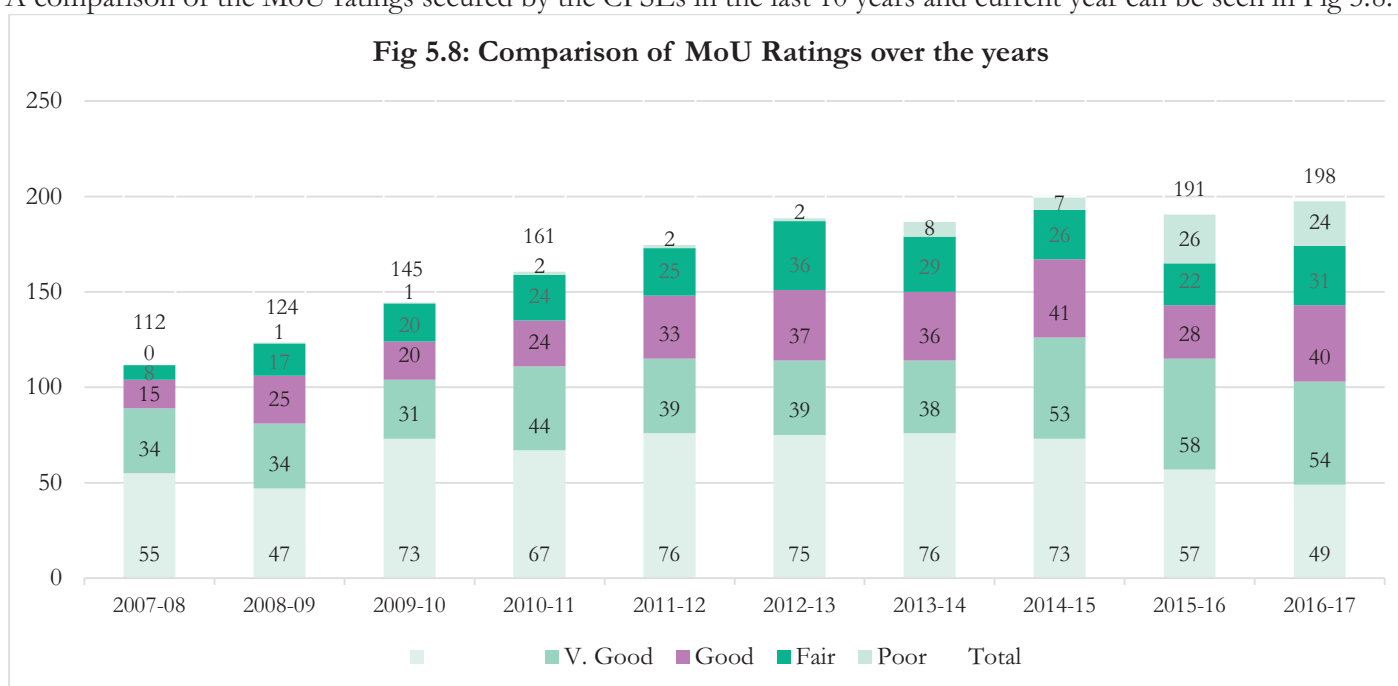
Evaluation of MoU of the CPSE is done after the end of the year on the basis of actual achievements vis-à-vis the MoU targets of CPSEs (Holding as well as Subsidiaries). Details in this regard are given at table 5.14 below:

Table 5.14: Details of MoU evaluation

Item	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
Total MoUs Signed	198	197	196	197	214	215	231	196
Evaluation Report Submitted	161	175	189	187	200	191	185	176*

* Provisional

A comparison of the MoU ratings secured by the CPSEs in the last 10 years and current year can be seen in Fig 5.8.



Annex-5.1: Schedule-wise list of Central Public Sector Enterprises as on 31st March, 2018

Schedule - A

1. Airports Authority of India
2. Air India Limited
3. BEML Ltd.
4. Bharat Electronics Ltd.
5. Bharat Heavy Electricals Ltd.
6. Bharat Petroleum Corporation Ltd.
7. Bharat Sanchar Nigam Ltd.
8. Central Warehousing Corporation.
9. Coal India Ltd.
10. Container Corporation of India Ltd.
11. Dedicated Freight Corridor Corporation of India Ltd.
12. Electronics Corporation of India Ltd.
13. Engineers India Ltd.
14. Fertilizers & Chemicals (Travancore) Ltd.
15. Food Corporation of India
16. GAIL (India) Ltd.
17. Heavy Engineering Corporation Ltd.
18. Hindustan Aeronautics Ltd.
19. Hindustan Copper Ltd.
20. Hindustan Paper Corporation Ltd.
21. Hindustan Petroleum Corporation Ltd.
22. HMT Ltd.
23. Housing & Urban Development Corporation Ltd.
24. I T I Ltd.
25. Indian Oil Corporation Ltd.
26. IRCON International Ltd.
27. Indian Railway Finance Corporation Ltd.
28. Konkan Railway Corporation Ltd.
29. Kudremukh Iron Ore Company Ltd.
30. MMTC Ltd.
31. Mahanagar Telephone Nigam Ltd.
32. Mangalore Refinery & Petrochemicals Ltd.
33. Mazagon Dock Shipbuilders Ltd.
34. MECON Ltd.
35. MOIL Limited
36. Mumbai Railway Vikas Corporation Ltd.
37. National Aluminium Company Ltd.
38. National Building Construction Corporation Ltd.
39. National Fertilizers Ltd.
40. NHPC Ltd.
41. National Mineral Development Corporation Ltd.
42. National Textiles Corporation Ltd.

43. NTPC Ltd.
44. Neyveli Lignite Corporation Ltd.
45. North Eastern Electric Power Corporation Ltd.
46. Oil & Natural Gas Corporation Ltd.
47. Oil India Ltd.
48. ONGC Videsh Ltd.
49. Power Finance Corporation
50. Power Grid Corporation of India Ltd.
51. Power System Operation Corporation Limited
52. RITES Ltd.
53. RailTel Corporation of India Ltd.
54. Rail Vikas Nigam Ltd.
55. Rashtriya Chemicals and Fertilizers Ltd.
56. RashtriyaIspat Nigam Ltd.
57. Rural Electrification Corporation Ltd.
58. SatlujJalVidyut Nigam Ltd.
59. Security Printing & Minting Corporation of India Ltd.
60. Shipping Corporation of India Ltd.
61. State Trading Corporation of India Ltd.
62. Steel Authority of India Ltd.
63. Telecommunications Consultants (India) Ltd.
64. THDC India Limited

Schedule - B

1. Andrew Yule & Company Ltd.
2. BalmerLawrie& 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. Kamrajar Port 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. HMT (International) Ltd.
37. HMT Machine Tools Ltd.
38. HMT Watches Ltd.
39. India Tourism Development Corporation Ltd.
40. India Trade Promotion Organization
41. Indian Drugs & Pharmaceuticals Ltd.
42. Indian Railway Catering & Tourism Corporation Ltd.
43. Indian Rare Earths Ltd.
44. Indian Renewable Energy Development Agency Ltd.
45. Instrumentation Ltd.
46. M S T C Ltd.
47. Madras Fertilizers Ltd.
48. Mahanadi Coalfields Ltd.
49. Mineral Exploration Corporation Ltd.
50. Mishra Dhatu Nigam Ltd.
51. National Handloom Development Corporation Ltd.
52. National Jute Manufacturers Corporation Ltd.
53. National Projects Construction Corporation Ltd.
54. National Seeds Corporation Ltd.
55. National Small Industries Corporation Ltd.
56. Northern Coalfields Ltd.
57. Numaligarh Refinery Ltd.
58. Orissa Mineral Development Company Ltd.
59. PEC Ltd.
60. Pawan Hans Helicopters Ltd.
61. Projects & Development India Ltd.
62. Scooters India Ltd.
63. South Eastern Coalfields Ltd.
64. Uranium Corporation of India Ltd.
65. W A P C O S Ltd.
66. 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. Tungabhadra Steel Products Ltd.

Schedule - D

1. Birds Jute & Exports Ltd.
2. Hindustan Fluorocarbons Limited
3. Indian Medicines Pharmaceutical Corporation Ltd.
4. Orissa Drugs & Chemicals Ltd.
5. Rajasthan Drugs & Pharmaceuticals Ltd.

Annex-5.2: Status of Grading Report of CPSEs on compliance with Guidelines on Corporate Governance for CPSEs for the year 2016-17

Ministry / Deptt.	Name of CPSE (As per PE Survey 2015-16)	Letter Received From	Grading for the year 2016-17	
Ministry of Agriculture and Farmers Welfare D/O Agriculture Cooperation and Farmers Welfare	1	National Seeds Corpn. Ltd.	Ministry (No. 6-16/2015-SD-I Dated 8th May, 2017)	Excellent
Ministry of Agriculture and Farmers Welfare D/O of Agriculture Research and Education	2	Agrinnovate India Ltd.		Poor (Not Received)
Ministry of Ayush	3	Indian Medicines & Pharmaceutical Corpn. Ltd.	Ministry (No. R-13014/14/2014- AYUSH (IMPCL) Dated 21st August, 2017)	Fair
Ministry of Chemicals & Fertilizers D/O Chemicals & Petrochemicals	4	Brahmaputra Crackers & Polymer Ltd.	Ministry (No. 45012/21/2010- PC-I (FTS-1564) Dated 26th April, 2017)	Excellent
	5	Hindustan Fluorocarbons Limited		Poor (Not Received)
	6	Hindustan Insecticides Ltd.		Poor (Not Received)
	7	Hindustan Organic Chemicals Ltd.		Poor (Not Received)
Ministry of Chemicals & Fertilizers D/O Fertilizer	8	Brahmaputra Valley Fertilizer Corpn. Ltd.	Ministry (No. 80/02/2013-HR-I dated 2nd June, 2017)	Excellent
	9	FCI Aravali Gypsum & Minerals (India) Ltd.	Ministry (No. 80/02/2013-HR-I dated 2nd June, 2017)	Excellent
	10	Fertilizer Corpn. Of India Ltd.		Lying Closed
	11	Fertilizers & Chemicals (Travancore) Ltd.	Ministry (No. 80/02/2013-HR-I dated 2nd June, 2017)	Excellent
	12	Hindustan Fertilizer Corpn. Ltd.		Lying Closed
	13	Madras Fertilizers Ltd.	Ministry (No. 80/02/2013-HR-I	Excellent

			Dated 24 August, 2017)	
14	National Fertilizers Ltd.	Ministry (No. 80/02/2013-HR-I dated 2nd June, 2017)	Excellent	
15	Projects & Development India Ltd.	Ministry (No. 80/02/2013-HR-I dated 2nd June, 2017)	Excellent	
16	Rashtriya Chemicals and Fertilizers Ltd.	Ministry (No. 80/02/2013-HR-I dated 2 nd June, 2017)	Excellent	
Ministry of Chemicals & Fertilizers				
D/O Pharmaceuticals				
17	Bengal Chemicals & Pharmaceuticals Ltd.	Ministry (No. 5315/3/2017-PSU Dated 11 May, 2017)	Excellent	
18	Hindustan Antibiotics Ltd.		Poor (Not Received)	
19	IDPL (Tamil Nadu) Ltd.		Poor (Not Received)	
20	Indian Drugs & Pharmaceuticals Ltd.		Poor (Not Received)	
21	Karnataka Antibiotics & Pharmaceuticals Ltd.	Ministry(No. 53015/8/2017-PSU Dated 21.04.2017)	Very Good	
22	Orissa Drugs & Chemicals Ltd.		BIFR Passed order for winding up	
23	Rajasthan Drugs & Pharmaceuticals Ltd.		Poor (Not Received)	
Ministry of Civil Aviation				
24	Air India Air Transport Services Ltd.	Ministry (No. AV.18050/11/2015-AI Dated 12.05.2017)	Very Good	
25	Air India Charters Ltd.	Ministry (No. AV.18050/11/2015-AI Dated 12.05.2017)	Excellent	
26	Air India Engineering Services Ltd.	Ministry (No. AV.18047/16/2017-AI Dated 04.10.2017)	Very Good	
27	Air India Ltd.	Ministry (No. AV.18050/11/2015-AI Dated 12.05.2017)	Excellent	
28	Airline Allied Services Ltd.	Ministry (No. AV.18050/11/2015-AI Dated 12.05.2017)	Excellent	
29	Airports Authority Of India		Exempted	
30	Hotel Corpn. Of India Ltd.	Ministry (No. AV.18050/11/2015-AI Dated 12.05.2017)	Excellent	
31	Pawan Hans Ltd.	Ministry (No.	Excellent	

AV.30020/10/2016-GA Dated
23.08.2017)

Ministry of Coal			
32	Bharat Coking Coal Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
33	Central Coalfields Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
34	Central Mine Planning & Design Institute Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
35	Chhattisgarh East Railways Ltd.		Under Construction
36	Coal India Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
37	Eastern Coalfields Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
38	Mahanadi Basin Power Ltd.		Under Construction
39	Mahanadi Coalfields Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
40	MJSJ Coal Ltd.		Under Construction
41	MNH Shakti Ltd.		Under Construction
42	Neyveli Uttar Pradesh Power Ltd	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Very Good
43	NLC India Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
44	NLC Tamil Nadu Power Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Very Good
45	Northern Coalfields Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
46	South Eastern Coalfields Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
47	Western Coalfields Ltd.	Ministry (No. 38022/1/2017-PCA dated 30.05.2017)	Excellent
Ministry of Commerce & Industry			
D/O Commerce			
48	E. C. G. C. Ltd.	Ministry (No. 16/23/2011-E&MDA Dated 20th April, 2017)	Excellent
49	India Trade Promotion Organisation	Ministry (No. 1(16)/2012-TP Dated June, 2017)	Excellent
50	Karnataka Trade Promotion Organisation	Ministry (No. 1(16)/2012-TP Dated 26th August, 2017)	Excellent
51	M M T C Ltd.	Ministry (No. 17/13/2015-FT(ST) Dated 25 May, 2017)	Excellent



52	P E C Ltd.	Mnistry (No. 17/13/2015-FT(ST) Dated 25 May, 2017)	Very Good
53	State Trading Corpn. Of India Ltd.	Mnistry (No. 17/13/2015-FT(ST) Dated 25 May, 2017)	Excellent
54	STCL Ltd.		No business activities, in view of the decision of Cabinet for winding up the company.
55	Tamil Nadu Trade Promotion Organisation	Ministry (No. 1(16)/2012-TP Dated 23rd Oct, 2017)	Good
Ministry of Communications & Information Technology			
D/O Electronics and Information Technology			
56	National Informatics Centre Services Incorporated	Mnistry (No. 5(3)/2017-EG-I Dated 23.05.2017)	Excellent
Ministry of Communications & Information Technology			
D/O Telecommunications			
57	Bharat Broadband Network Ltd.	Ministry (No. 20/2/2014- BBNL/SU-II Dated 26.4.2017)	Excellent
58	Bharat Sanchar Nigam Ltd.	CPSE (No. BSNL/SECTT/25- 2/2014 Dated 13.4.2017)	Excellent
59	I T I Ltd.	Mnistry (No. 20-28/2014-FAC-II Dated 23 June, 2017)	Excellent
60	Mahanagar Telephone Nigam Ltd.	CPSE(No.MTNL/SECTT/ DPE/ 2017 Dated 10th April, 2017)	Excellent
61	Millennium Telecom Ltd.		Poor (Not Received)
62	TCIL Bina Toll Road Ltd.		Poor (Not Received)
63	TCIL Lakhnadone Toll Road Ltd.		Under Construction
64	Telecommunications Consultants (India) Ltd.	Ministry (No. 29-8/2017-SU Dated 16.08.2017)	Excellent
Ministry of Consumer Affairs, Food & Public Distribution			
D/O Food & Public Distribution			
65	Central Railside Warehouse Co. Ltd.	Ministry (No. 9-48/2016-SG dated 26th April, 2017)	Excellent
66	Central Warehousing Corpn.	Ministry (No. 9-49/2016-SG	Excellent



			dated 28th April, 2017	
67	Food Corpn. Of India		Ministry CPSE (No. 18-24/2016-FC-I Dated 11.5.2017)	Excellent
Ministry of Defence				
D/O Defence Production				
68	BELOptronics Devices Ltd.		Ministry (No. 15/2/2012-D(BEL) dated 30th May, 2017)	Excellent
69	BEL-Thales Systems Ltd.			Under Construction
70	BEML Ltd.		CPSE (No. CS/SER/275 Dated 17.5.2017)	Excellent
71	Bharat Dynamics Ltd.		Ministry (No. H-62015/10/2016-D(BDL) dated 31st May, 2017)	Excellent
72	Bharat Electronics Ltd.		CPSE (No. 17545/3/GOV/MOD-CGRPT/SEC Dated 24 May 2017)	Excellent
73	Garden Reach Shipbuilders & Engineers Ltd.		Ministry (No. 23(54)/2015/D(NS-II) Dated 24 May, 2017)	Excellent
74	Goa Shipyard Ltd.		Ministry (No. 23(54)/2015/D(NS-II) Dated 02.05.2017	Excellent
75	Hindustan Aeronautics Ltd.		Ministry (38011/1/2017-D(HAL-II) Dated 11 May, 2017)	Excellent
76	Hindustan Shipyard Ltd.		Ministry (No. 23(54)/2015/D(NS-II) Dated 02.05.2017)	Excellent
77	Mazagon Dock Shipbuilders Ltd.		Ministry (No. 23(54)/2015/D(NS-II) Dated 30 May, 2017)	Excellent
78	Mishra Dhatu Nigam Ltd.		Ministry (No. 23(54)/2015/D(NS-II) Dated 24 May, 2017)	Excellent
79	Vignyan Industries Ltd.		CPSE (No. CS/SER/276 Dtated 17.5.2017)	Excellent
Ministry of Development of North Eastern Region				
80	North Eastern Handicrafts & Handloom Dev.Corpn. Ltd.		Ministry (NEHHDC/20/2017-O/o US (NEHHDC) Dated 1st September, 2017)	Good
81	North Eastern Regional Agri. Marketing Corp.Ltd.			Poor (Not Received)
Ministry of Environment, Forests Climate Change				
82	Andaman & Nicobar Isl. Forest			Under Closure



&Plant.Dev.Corp.Ltd			
Ministry of Finance			
D/O Economic Affairs			
83	Security Printing & Minting Corpn. India Ltd.	Ministry (No. 3/8/2010-SPMC Dated 8th June, 2017)	Excellent
Ministry of Finance			
D/O Financial Services			
84	IIFCL Asset Management Company Ltd.		IIFCL has signed the statement of Intent with Administrative Ministry and registered with RBI.
85	IIFCL Projects Ltd.		IIFCL has signed the statement of Intent with Administrative Ministry and registered with RBI.
86	India Infrastructure Finance Co. Ltd.		IIFCL has signed the statement of Intent with Administrative Ministry and registered with RBI.
Ministry of Health & Family Welfare			
D/O Health & Family Welfare			
87	Goa Antibiotics & Pharmaceuticals Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21.04.2017)	Excellent
88	HLL Biotech Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21.04.2017)	Excellent
89	H LL Infra Tech Services Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21.04.2017)	Excellent
90	HLL Lifecare Ltd.	Ministry (No. A-45013/32/2017-HPE Dated 21.04.2017)	Excellent
91	HSCC (India) Ltd.	CPSE(No. HSCC/F&A/2017 Dated 12.4.2017)	Excellent
Ministry of Heavy Industries & Public Enterprises			
D/O Heavy Industries			
92	Andrew Yule & Company Ltd.	Ministry (No. 10(1)/2016-PE.I	Good



		Dated 18th August, 2017)	
93	Bharat Heavy Electricals Ltd.	Ministry(12(11)/2015-PE.XI Dated 02.05.2017)	Excellent
94	Bharat Pumps & Compressors Ltd.		Poor (Not Received)
95	BHEL Electrical Machines Ltd.	Ministry (No. 12(11)/2015-PE.XI Dated 16 August, 2017)	Excellent
96	Braithwaite Burn & Jessop Construction Company Ltd.	Ministry (No. 7(1)/2016.PE-III Dated 21.08.2017)	Excellent
97	Bridge & Roof Co.(India) Ltd.	CPSE (No. ... Dated 21.08.2017)	Excellent
98	Cement Corpn. Of India Ltd.	CPSE (No. CCI/SEC/17(Vol.II)/2011/1288- 2 Dated 17 August, 2017)	Very Good
99	Engineering Projects (India) Ltd.	Ministry (No. 12(6)2015-TSW Dated 24th April, 2017)	Excellent
100	Heavy Engineering Corpn. Ltd.		Poor (Not Received)
101	Hindustan Cables Ltd.		Under Closure
102	Hindustan Newsprint Ltd.		Poor (Not Received)
103	Hindustan Paper Corporation Ltd.		Poor (Not Received)
104	Hindustan Photo Films Manufacturing Co. Ltd.		Under Closure
105	Hindustan Salts Ltd.		Poor (Not Received)
106	HMT (International) Ltd.	CPSE(No. Secl/M-13 Dated 10th January, 2018)	Excellent
107	HMT Bearings Ltd.		Under Closure
108	HMT Chinar Watches Ltd.		Sick and is under liquidation
109	HMT Ltd.		Poor (Not Received)
110	HMT Machine Tools Ltd.		Poor (Not Received)
111	HMT Watches Ltd.		Sick and is under liquidation
112	Hooghly Printing Company Ltd.		Poor (Not Received)
113	Instrumentation Ltd.		Under Closure
114	Jagdishpur Paper Mills Ltd.		Under Construction
115	Nagaland Pulp & Paper Company Ltd.		Poor (Not Received)
116	NEPA Ltd.	Ministry (No. 5(1)/2017-PE VII Dated 18th April 2017)	Very Good



117	Rajasthan Electronics And Instruments Ltd.	Ministry (No. 17(11)/2016-PE-VIII Dated 20th April, 2017)	Excellent
118	Richardson & Cruddas (1972) Ltd.		Poor (Not Received)
119	Sambhar Salts Ltd.		Poor (Not Received)
120	Scooters India Ltd.		Poor (Not Received)
121	Tungabhadra Steel Products Ltd.		Under Closure
122	Yule Electrical Ltd.		Under Construction
123	Yule Engineering Company Ltd.		Under Construction
Ministry of Home Affairs			
124	Delhi Police Housing Corporation Ltd.	Ministry (No. 14014/01/2012-UTP Dated 24th July, 2017)	Good
Ministry of Housing & Urban Poverty Alleviation			
125	Hindustan Prefab Ltd.	Ministry (No. I-15017/18/2014-AA/EFS-3011444) Dated 12 May, 2017)	Excellent
126	Housing & Urban Dev. Corpn. Ltd.	Ministry (No. I-14012/26/2015-H/ AA (FMS-3013852) Dated 9 May, 2017)	Excellent
Ministry of Human Resource Development			
D/O Secondary Education & Higher Education			
127	EdCIL (India) Ltd.	Ministry (No. 18-18-/2017-TC Dated 10 th April, 2017)	Excellent
Ministry of Information & Broadcasting			
128	Broadcast Engg. Consultants India Ltd.	Ministry (No. F. 704/22/2012-B(D) Dated 24.5.2017)	Very Good
129	National Film Dev. Corpn. Ltd.	Ministry (NO. 202/2/2015-F(PSU) Dated 01 st May, 2017)	Excellent
Ministry of Micro Small & Medium Enterprises			
130	National Small Industries Corpn. Ltd.	Ministry (A-53/2/2014-SME Dated 20 th April 2017)	Excellent
Ministry of Mines			
131	Hindustan Copper Ltd.	Ministry (No. 2/4/2011-Coord. (Vol. III) Dated 01.05.2017)	Excellent
132	Mineral Exploration Corpn. Ltd.	Ministry (No. 2/4/2011-Coord. (Vol. III) Dated 01.05.2017)	Excellent
133	National Aluminium Company Ltd.	CPSE (No. NBC/S/65(c))	Excellent



/2017/603 Dated 13.4.2017)

Ministry of Minorities Affairs			
134	National Minorities Devp. & Finance Corporation	Ministry(No. 9-10/2016-NMDC Dated 9.10.2017)	Very Good
Ministry of New And Renewable Energy			
135	Indian Renewable Energy Devt. Agency Ltd.	Ministry (No.1/7/2016-IREDA Dated 30 May, 2017)	Very Good
136	Solar Energy Corporation of India	Ministry (No. 30/57/2014-15/NSM Dated 21st June, 2017)	Very Good
Ministry of Petroleum & Natural Gas			
137	BalmerLawrie& Co. Ltd.		Poor (Not Received)
138	BalmerLawrie Investments Ltd.		CPSE is Special Purpose Vehicle (SPV) with no regular business activity
139	Bharat Petro Resources JPDA	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
140	Bharat Petro Resources Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
141	Bharat Petroleum Corpn. Ltd.	CPSE (No. Sec.7.5. dated 13th April, 2017)	Excellent
142	Bpcl-Kial Fuel Pvt. Ltd.		Under Construction
143	Certification Engineers India Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
144	Chennai Petroleum Corporation Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
145	CredaHpcl Biofuel Ltd.	CPSE (CHBL/SB Dated 29/06/2017)	Excellent
146	Engineers India Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
147	Gail (India) Ltd.	CPSE (No. ND/GAIL/SECTT/2017 Dated 3 April, 2017)	Excellent
148	Gail Gas Ltd.	CSPE (No. Noida/GAIL Gas/SECTT/2017 Dated 13	Excellent



		April, 2017)	
149	Hindustan Petroleum Corpn. Ltd.	CPSE(no. CO.Secy /VM /287 /2017 dated 22.08.2017	Excellent
150	HPCL Biofuels Ltd.	CPSE (Ref.: Co. Secy./HBL/2017 Dated 29 June, 2017)	Excellent
151	HPCL Rajasthan Refinery Ltd.		Under Construction
152	Indian Catalyst Pvt. Ltd.		Under Construction
153	Indian Oil Corporation Ltd.	CPSE (No. Secl/CG Dated 10th April, 2017)	Excellent
154	Indian Oil-Creda Biofuels Ltd.		Discontinuation of Plantation activity
155	Mangalore Refinery & Petrochemicals Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
156	Numaligarh Refinery Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
157	Oil & Natural Gas Corporation Ltd.	CPSE (No. ONGC/CS/DPE/2016-17 Dated 7.4.2017)	Excellent
158	Oil India International Ltd.		Under Construction
159	Oil India Ltd.	CPSE (No. OIL/SEC/66/CG/DPE Dated 26.05.2017)	Excellent
160	ONGC Mangalore Petrochemicals Ltd.		Poor (Not Received)
161	ONGC Videsh Ltd.	Ministry (No. C-31038/14/Misc/DPE-2017-CA Dated 24th Jan, 2018)	Excellent
162	PetronetCCK Ltd.		Poor (Not Received)
163	Prize Petroleum Company Ltd.		Poor (Not Received)
Ministry Of Power			
164	BairaSiaulSarna Transmission Ltd.		Under Construction
165	Ballabgarh - GN Transmission Co. Ltd.		Under Construction
166	Bhartiya Rail Bijlee Co. Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
167	Bihar Infrapower Ltd.		Under Construction



168	Bihar Mega Power Ltd.		Under Construction
169	Bundelkhand Saur Urja Ltd.		Under Construction
170	Cheyur Infra Ltd.		Under Construction
171	ChhattishgarhSurguja Power Ltd.		Under Construction
172	Coastal Karnataka Power Ltd.		Under Construction
173	Coastal Maharashtra Mega Power Ltd.		Under Construction
174	Coastal Tamil Nadu Power Ltd.		Under Construction
175	Deoghar Infra Ltd.		Under Construction
176	Deoghar Mega Power Ltd.		Under Construction
177	Dingchang Transmission Ltd.		Under Construction
178	Ghogarpalli Integrated Power Company Ltd.		Under Construction
179	Jharkhand Infrapower Ltd.		Under Construction
180	KantiBijleeUtpadan Nigam Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
181	Khargone Transmission Ltd.		Under Construction
182	Kohima-Mariani Transmission Ltd.		Under Construction
183	Loktak Downstream Hydroelectric Corporation Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
184	Medinipur-Jeerat Transmission Ltd.		Under Construction
185	MohinderGarh-Bhiwani Transmission Ltd.		Under Construction
186	Nellore Transmission Ltd.		Under Construction
187	Ner-Ii Transmission Ltd.		Under Construction
188	NHDC Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Very Good
189	NHPC Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
190	North Eastern Electric Power Corporation Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent



191	North Karanpura Transco Ltd.		Under Construction
192	Nrss Xxxvi Transmission Ltd.		Under Construction
193	Ntpc Electric Supply Company Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
194	Ntpc Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
195	NTPC VidyutVyapar Nigam Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
196	OdishaInfrapower Ltd.		Under Construction
197	Orissa Integrated Power Ltd.		Under Construction
198	PatratuVidyutUtpadan Nigam Ltd.		Under Construction
199	PFC Capital Advisory Service Ltd.		Under Closure
200	PFC Consulting Ltd.		Poor (Not Received)
201	PFC Green Energy Ltd.		Poor (Not Received)
202	Power Finance Corporation Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
203	Power Grid Corporation Of India Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
204	Power Grid Jabalpur Transmission Ltd.		Under Construction
205	Power Grid Parli Transmission Ltd.		Under Construction
206	Power Grid Southern Interconnector Transmission System Ltd.		Under Construction
207	Power Grid Warora Transmission Ltd.		Under Construction
208	Power System Operation Corporation Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
209	Powergrid Kala Amb Transmission Ltd.		Under Construction
210	Powergrid NMTranmission Ltd.		Under Construction
211	PowergridUnchahar Transmission Ltd.		Under Construction
212	PowergridVizag Transmission Ltd.		Under Construction
213	REC Power Distribution Co. Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent

214	REC Transmission Projects Co. Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
215	Rural Electrification Corpn. Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
216	Sakhigopal Integrated Power Company Ltd.		Under Construction
217	SJVN Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
218	SJVN Thermal Pvt. Ltd.		Under Construction
219	South -Central East Delhi Power Transmission Ltd.		Under Construction
220	Tanda Transmission Company Ltd.		Under Construction
221	Tatiya Andhra Mega Power Ltd.		Under Construction
222	THDC India Ltd.	Ministry (No. 5/22/2016 Coord. Dated 12 May, 2017)	Excellent
Ministry Of Railways			
223	Bharat Wagon & Engg. Co. Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Good
224	Braithwaite & Co. Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
225	Burn Standard Company Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Very Good
226	Concor Air Ltd.		Poor (Not Received)
227	Container Corporation Of India Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
228	Dedicated Freight Corridor Corp. Of India Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
229	Fresh & Healthy Enterprises Ltd.	CPSE (No. CON/CS/2016-17 Dated 17.05.2017)	Excellent
230	High Speed Rail Corporation Of India Ltd.		Under Construction
231	Indian Railway Catering And Tourism Corpn. Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
232	Indian Railway Finance Corporation Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
233	Indian Railway Stations Devpt. Corporation Ltd.		Poor (Not Received)
234	IRCON Infrastructure & Services Ltd.		Poor (Not Received)
235	IRCON International Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
236	IRCON PB Tollway Ltd.		Under



			Construction
237	IRCON ShivpuriGunaTollway Ltd.		Under Construction
238	Kolkata Metro Rail Corporation Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
239	Konkan Railway Corporation Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
240	Mumbai Railway Vikas Corporation Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
241	Punjab Logistic Infrastructure Ltd.		Under Construction
242	Rail Vikas Nigam Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
243	Railtel Corporation India Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
244	Railtel Enterprises Ltd.		Poor (Not Received)
245	Railway Energy Management Company Ltd.		Poor (Not Received)
246	RITES Infrastructure Services Ltd.		Poor (Not Received)
247	RITES Ltd.	Ministry (No. 2017/PL/57/07 Dated 21.08.2017)	Excellent
248	SidculConcor Infra Company Ltd.		Poor (Not Received)
Ministry of Road Transport And Highways			
249	National Highways & Infrastructure Development Corpn. Ltd.		Poor (Not Received)
Ministry of Science & Technology			
Dept. of Biotechnology			
250	Bharat Immunologicals&Biologicals Corp Ltd.	Ministry (No. BT/PB/ 12020/2/ 2013 Dated 12.06.2017)	Excellent
251	Biotechnology Industry Research Assistance Council	Ministry (No. BT/PB/12020/2/2013 Dated 12.06.2017)	Excellent
252	Indian Vaccine Corp. Ltd.	CPSE (BT/PB/12020/2/2013 Dated 24.08.2017)	Poor
Ministry of Science & Technology			
Dept. of Scientific & Industrial Research			
253	Central Electronics Ltd.	Ministry (No.	Excellent



			DSIR/PSU/5/2014-15 Dated 02.05.2017)	
254	National Research Development Corpn.	Ministry (No. DSIR/PSU/5/2014-15 Dated 02.05.2017)	Good	
Ministry Of Shipping				
255	Central Inland Water Transport Corpn. Ltd.	Ministry (No. SY-11018/1/2008- HDPE Dated 30th August, 2017)	Good	
256	Cochin Shipyard Ltd.	Ministry (No. SY-11020/1/2016- CSL Dated 23 May, 2017)	Excellent	
257	Dredging Corpn. Of India Ltd.	Ministry (No. SS-11036/24/2016- SY.II Dated 19 May, 2017)	Excellent	
258	Hooghly Dock And Port Engineers Ltd.	Ministry (No. SY-11018/1/2008- HDPE Dated 30th August, 2017)	Poor	
259	Kamarajar Port Ltd.	Ministry (No. PD-27/23/2017- PD-I Dated 4.7.2017)	Excellent	
260	SethusamudramCorpn. Ltd.		Under Construction	
261	Shipping Corporation Of India Ltd.	Ministry (No. SS-11036/24/2016- SY.II Dated 19 May, 2017)	Excellent	
Ministry of Social Justice & Empowerment				
Department of Empowerment of Persons with Disability				
262	Artificial Limbs Mfg. Corpn. Of India	Ministry (No. 15(05)/2014/DDI) dated 11 July, 2017	Excellent	
263	National Backward Classes Finance &Devp.Co.	CPSE (No. CS/CG/QLY/2016- 17/255 Dated 13th April, 2017)	Excellent	
264	National Handicapped Finance &Devpt. Corpn.		Poor (Not Received)	
265	National SafaiKaramcharis Finance &Devpt. Corpn		Poor (Not Received)	
266	National Scheduled Castes Finance &Devp. Corpn.	CPSE (No. NSFDC/Secretary/190(Part- III)/405 Dated 18.5.2017)	Excellent	
Ministry Of Steel				
267	Chhattisgarh Mega Steel Co. Ltd.		Under Construction	
268	Eastern Investment Ltd.	Ministry (No. 13(9)/2016-Coord Dated 17 August, 2017)	Fair	
269	Ferro Scrap Nigam Ltd.	Ministry (No. 13(9)/2016-Coord Dated 17 August, 2017)	Excellent	
270	Hindustan Steelworks Costn. Ltd.	Ministry (No. 13(9)/2016-Coord Dated 17 August, 2017)	Excellent	
271	J & K Mineral Development		CPSE is yet to	



	Corpn. Ltd.		start project Activities
272	Jharkhand Kolhan Steel Ltd.		Under Construction
273	Jharkhand National Mineral Devpt. Corporation Ltd.		Under Construction
274	Karnataka Vijay Nagar Steel Ltd.		Under Construction
275	KIOCL Ltd.	Ministry(No. 13(9)/2016-Coord. Dated 8th May, 2017	Excellent
276	M S T C Ltd.	Ministry(No. 13(9)/2016-Coord. Dated 8th May, 2017	Excellent
277	Mecon Ltd.	Ministry(No. 13(9)/2016-Coord. Dated 8th May, 2017	Excellent
278	Moil Ltd.	Ministry(No. 13(9)/2016-Coord. Dated 8th May, 2017	Excellent
279	NMDC Ltd.	Ministry(No. 13(9)/2016-Coord. Dated 8th May, 2017	Excellent
280	NMDC Power Ltd.		Under Construction
281	NMDC Steel Ltd.		Under Construction
282	NMDC-CMDC Ltd.		Under Construction
283	Orissa Mineral Development Company Ltd.	Ministry (No. 13(9)/2016-Coord Dated 17 August, 2017)	Very Good
284	RashtriyaIspat Nigam Ltd.	CPSE (No. CA-CG/16-17 Dated 16th May, 2017)	Excellent
285	Sail Refractory Company Ltd.		Poor (Not Received)
286	Steel Authority Of India Ltd.	Ministry (No. 13(9)/2016-Coord Dated 17 August, 2017)	Excellent
287	The Bisra Stone Lime Company Ltd.	Ministry (No. 13(9)/2016-Coord Dated 17 August, 2017)	Fair
Ministry Of Textiles			
288	Birds Jute & Exports Ltd.	CPSE (No. NJMC/CS/ MIN. REPLY/2017-18.1506 Dated 17 August, 2017)	No Operation at present
289	British India Corporation Ltd.		No Operation at present
290	Central Cottage Industries Corpn. Of India Ltd.	CPSE (No. CCIC/SECY/2017-18/1313 Dated 2.5.2017)	Very Good
291	Cotton Corpn. Of India Ltd.	Ministry (No. 5/1/2014-Cotton Dated 24th August, 2017)	Excellent
292	Handicrafts & Handloom Exports Corp. Of India Ltd.		Poor (Not Received)

293	National Handloom Development Corporation Ltd.	CPSE (No. Secy./Cor.gov./2017-18/21 Dated 12th April, 2017)	Excellent
294	National Jute Manufactures Corporation Ltd.	CPSE (No. NJMC/CS/ MIN. REPLY/2017-18.1506 Dated 17 August, 2017)	No Operation at present
295	National Textile Corpn. Ltd.	Ministry (No. 16/12/2016-NTC Dated 11th July, 2017)	Excellent
296	The Jute Corpn. Of India Ltd.	CPSE (Ref. No. JCI/Sect-CG/2016-17 Dated 7.4.2016)	Excellent
Ministry Of Tourism			
297	Assam Ashok Hotel Corpn. Ltd.	Ministry (No. 01/01/2017-PSU(T) dated 31.05.2017)	Good
298	Donyi Polo Ashok Hotel Ltd.	Ministry (No. 01/01/2017-PSU(T) dated 31.05.2017)	Good
299	India Tourism Dev. Corpn. Ltd.	Ministry (No. 01/01/2017-PSU(T) dated 31.05.2017)	Excellent
300	Kumarakruppa Frontier Hotels Ltd.	Ministry (No. 1/1/2017-PSU (T) Dated 25.08.2017)	Shell Co. with no business
301	Madhya Pradesh Ashok Hotel Corpn. Ltd.	Ministry (No. 01/01/2017-PSU(T) dated 31.05.2017)	Good
302	Pondicherry Ashok Hotel Corpn. Ltd.	Ministry (No. 01/01/2017-PSU(T) dated 31.05.2017)	Good
303	Punjab Ashok Hotel Company Ltd.		Under Construction
304	Ranchi Ashok Bihar Hotel Corpn. Ltd.	Ministry (No. 1/1/2017-PSU (T) Dated 25.08.2017)	Good
305	Utkal Ashok Hotel Corpn. Ltd.	Ministry (No. 1/1/2017-PSU (T) Dated 25.08.2017)	Closed
Ministry Of Tribal Affairs			
306	National Scheduled Tribes Finance & Devp. Corpn.	Ministry (No. 20025/1/2013-SG-II 8.5.2017)	Excellent
Ministry Of Urban Development			
307	NBCC (India) Ltd.	Ministry (No. O-17034/38/2017-PS Dated 30 May, 2017)	Excellent
308	NBCC Engineering And Consultancy Ltd.		Poor (Not Received)
309	NBCC Services Ltd.		Poor (Not Received)
Ministry Of Water Resources, River Development & Ganga Rejuvenation			
310	National Projects Construction Corpn. Ltd.	Ministry (No. U.13/12/2017-PSU/660 Dated 26.05.2017)	Excellent
311	WAPCOS Ltd.	Ministry (No. U.13/12/2017-	Excellent



PSU/660 Dated 26.05.2017)			
Dept. Of Atomic Energy			
312	AnushaktiVidhyut Nigam Ltd.		Under Construction
313	BharatiyaNabhikiyaVidyut Nigam Ltd.	Ministry (No. 4/2(24)/2016-PSU/7484 dated 5th June, 2017)	Excellent
314	Electronics Corpn. Of India Ltd.	Ministry (No. 4/2(24)/2016-PSU/7484 dated 5th June, 2017)	Very Good
315	Indian Rare Earths Ltd.	Ministry (No. 4/2(24)/2016-PSU/7484 dated 5th June, 2017)	Excellent
316	NPCIL - Indian Oil Nuclear Energy Corporation Ltd.		Under Construction
317	NPCIL - Nalco Power Company Ltd.		Under Construction
318	Nuclear Power Corpn. Of India Ltd.	Ministry (No. 4/2(24)/2016-PSU/7484 dated 5th June, 2017)	Excellent
319	Uranium Corporation Of India Ltd.	Ministry (No. 4/2(24)/2016-PSU/7484 dated 5th June, 2017)	Excellent
Dept. Of Space			
320	Antrix Corporation Ltd.	Ministry (No. c.19013/22/2016 dated 30 may, 2017)	Excellent

Annex-5.3: List of Miniratna CPSEs

Miniratna Category - I CPSEs

1. Airports Authority of India
2. Antrix Corporation Limited
3. BalmerLawrie & 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. EdCIL (India) Limited
15. Kamarajar Port Limited
16. Garden Reach Shipbuilders & Engineers Limited
17. Goa Shipyard Limited
18. Hindustan Copper Limited
19. HLL Lifecare Limited
20. Hindustan Newsprint Limited
21. Hindustan Paper Corporation Limited
22. Housing & Urban Development Corporation Limited
23. HSCC (India) Limited
24. India Tourism Development Corporation Limited
25. Indian Rare Earths Limited
26. Indian Railway Catering & Tourism Corporation Limited
27. Indian Railway Finance Corporation Ltd
28. Indian Renewable Energy Development Agency Limited
29. India Trade Promotion Organization
30. IRCON International Limited
31. KIOCL Limited
32. Mazagaon Dock Shipbuilders Limited
33. Mahanadi Coalfields Limited
34. Manganese Ore (India) Limited
35. Mangalore Refinery & Petrochemical Limited
36. Mishra Dhatu Nigam Limited
37. MMTC Limited
38. MSTC Limited
39. National Fertilizers Limited
40. National Small Industries Corporation Limited

41. National Seeds Corporation
42. NHPC Limited
43. Northern Coalfields Limited
44. North Eastern Electric Power Corporation Limited
45. Numaligarh Refinery Limited
46. ONGC Videsh Limited
47. Pawan Hans Helicopters Limited
48. Projects & Development India Limited
49. Railtel Corporation of India Limited
50. Rail Vikas Nigam Limited
51. Rashtriya Chemicals & Fertilizers Limited
52. RITES Limited
53. SJVN Limited
54. Security Printing and Minting Corporation of India Limited
55. South Eastern Coalfields Limited
56. State Trading Corporation of India Limited
57. Telecommunications Consultants India Limited
58. THDC India Limited
59. Western Coalfields Limited
60. WAPCOS Limited

Miniratna Category-II CPSEs

61. Artificial Limbs Manufacturing Corporation of India
62. Bharat Pumps & Compressors Limited
63. Broadcast Engineering Consultants (I) Limited
64. Central Mine Planning & Design Institute Limited
65. Central Railside Warehouse Company Limited
66. Engineering Projects (India) Limited
67. FCI Aravali Gypsum & Minerals India Limited
68. Ferro Scrap Nigam Limited
69. HMT (International) Limited
70. Indian Medicines & Pharmaceuticals Corporation Limited
71. MECON Limited
72. Mineral Exploration Corporation Limited
73. National Film Development Corporation Limited
74. PEC Limited
75. Rajasthan Electronics & Instruments Limited

Statement and Appendieces

Statements and Appendices

STATEMENTS	PAGE NO.	PARTICULARS
1	S-1 - S-8	NET PROFIT/LOSS IN CPSES UNDER DIFFERENT MINISTRIES DEPARTMENTS
2	S-9 - S-11	DIVIDEND DECLARED BY CPSES (COGNATE GROUP WISE)
3	S-12 - S-15	NET PROFIT OF PROFIT MAKING CPSES (COGNATE GROUP WISE)
4	S-16 - S-17	NET LOSS (-) OF LOSS MAKING CPSES (COGNATE GROUP WISE)
5	S-18 - S-20	CASH LOSS (-) OF LOSS MAKING CPSES DURING 2017-18
6	S-21	CPSE WISE NET PROFIT / LOSS(-) OF 'TAKEN OVER' SICK CPSES
7	S-22 - S-34	INVESTMENT (FINANCIAL) IN CENTRAL GOVERNMENT ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPTTS. AS ON 31.3.2018
8	S-35 - S-40	DETAILS OF PARTICIPATION IN EQUITY OF PUBLIC ENTERPRISES BY DIFFERENT PARTIES AS ON 31.3.2018
9	S-41 - S-45	DETAILS OF SHORT TERM BORROWINGS(SECURED+UNSECURED) OF CPSES AS ON 31.3.2018
10	S-46 - S-50	DETAILS OF LONG TERM BORROWINGS(SECURED+UNSECURED) OF CPSES AS ON 31.3.2018
11	S-51 - S-99	STATE-WISE CPSES WITH GROSS BLOCK & EMPLOYMENT DURING THE LAST THREE YEARS
12	S-100 - S-105	RANKING OF CPSES IN TERMS OF PROFIT/LOSS BEFORE EXCEPTIONAL, EXTRAORDINARY ITEMS & TAX (PBEET) IN 2017-18
13	S-106 - S-110	RANKING OF CPSES IN TERMS OF GROSS TURNOVER / REVENUE IN 2017-18
14	S-111 - S-116	RANKING OF CPSES IN TERMS OF EMPLOYMENT IN 2017-18
15	S-117 - S-123	RANKING OF CPSES IN TERMS OF GROSS BLOCK IN 2017-18
16	S-124 - S-135	CAPACITY UTILISATION IN MANUFACTURING CPSES
17	S-136 - S-137	EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSES
18	S-138 - S-142	COMPONENT OF INTERNAL RESOURCES OF CPSES GENERATED DURING 2017-18
19	S-143 - S-146	INTERNAL RESOURCES UTILIZED AS % OF FIXED ASSETS AS ON 31.3.2018
20	S-147 - S-151	FOREIGN EXCHANGE EARNINGS OF CPSES IN 2017-18
21	S-152 - S-157	NUMBER OF EMPLOYEES AND HOUSES CONSTRUCTED IN CPSES
22	S-158 - S-168	BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2018
23	S-169 - S-170	TOWNSHIP MAINTENANCE EXPENDITURE IN CPSES (COGNATE GROUP)
24	S-171 - S-186	REPRESENTATION OF SCS, STS AND OBCS IN THE CPSES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS ON 31.3.2018
25	S-187 - S-188	EQUITY PARTICIPATION BY UNDER CONSTRUCTION CPSES AS ON 31.3.2018
26	S-189 - S-192	PROCUREMENT FROM MICRO AND SMALL ENTERPRISES (MSES) BY CPSES DURING 2017-18
27	S-193 - S-199	GROSS VALUE ADDED FOR ALL CPSES DURING 2017-18
28	S-200 - S-206	CONTRIBUTION TO CENTRAL EXCHEQUER DURING 2017-18
APPENDICES		
1	S-207 - S-216	CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES/DEPARTMENTS AS ON 31.3.2018
2	S-217 - S-225	CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT SECTORS/COGNATE GROUPS AS ON 31.3.2018
3	S-226 - S-2232	CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS ON 31.3.2018
4	S-237 - S-236	LIST OF IND-AS APPLICABLE CPSES
5		CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN 2017-18
6	S-237	LIST OF UNDER CONSTRUCTION CPSES AS ON 31.3.2018
7	S-238 - S-240	LIST OF CPSES WHICH HAVE BEEN ADDED/ DELETED DURING THE YEAR 2017-18
8	S-241	GLOSSARY OF CERTAIN TERMS USED IN THIS REPORT

STATEMENT - 1
NET PROFIT / LOSS(-) IN CPSEs UNDER DIFERENT MINISTRIES / DEPARTMENTS

(Rs. in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE				
1	NATIONAL SEEDS CORPN. LTD.	2497	5180	4971
SUB TOTAL :		2497	5180	4971
MINISTRY OF AGRICULTURE AND FARMERS WELFARE				
D/O AGRICULTURE RESEARCH AND EDUCATION				
2	AGRINNOVATE INDIA LTD.	158	211	247
SUB TOTAL :		158	211	247
MINISTRY OF AYUSH				
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	766	352	-51
SUB TOTAL :		766	352	-51
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O CHEMICALS & PETROCHEMICALS				
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.	-8039	-54741	-27251
5	HIL (INDIA) LTD.	341	326	183
6	HINDUSTAN FLUOROCARBONS LIMITED	-77	-385	-1111
7	HINDUSTAN ORGANIC CHEMICALS LTD.	-19947	-25557	-17391
SUB TOTAL :		-27722	-80357	-45570
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O FERTILIZER				
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	79	750	2850
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2703	3603	3420
10	FERTILIZER CORPN. OF INDIA LTD.	11395	3010	865
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-13052	-26268	-45219
12	HINDUSTAN FERTILIZER CORPN. LTD.	2217	165	934014
13	MADRAS FERTILIZERS LTD.	-4481	354	-18954
14	NATIONAL FERTILIZERS LTD.	21277	20816	19862
15	PROJECTS & DEVELOPMENT INDIA LTD.	269	-1058	-892
16	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	7880	17926	17264
SUB TOTAL :		28287	19298	913210
MINISTRY OF CHEMICALS & FERTILIZERS				
D/O PHARMACEUTICALS				
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1006	451	-913
18	HINDUSTAN ANTIBIOTICS LTD.	20832	-7824	-7718
19	IDPL (TAMILNADU) LTD.	-239	-239	-73
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	-16894	-15338	-16608
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1455	3033	1951
22	ORISSA DRUGS & CHEMICALS LTD.	78	78	146
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-599	-599	-599
SUB TOTAL :		5639	-20438	-23814
MINISTRY OF CIVIL AVIATION				
24	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	15240	0	0
25	AIR INDIA AIR TRANSPORT SERVICES LTD.	3344	3344	6879
26	AIR INDIA ENGINEERING SERVICES LTD.	-50516	-50516	-40710
27	AIR INDIA EXPRESS LTD.	26075	23696	36168
28	AIR INDIA LTD.	-533774	-628154	-383678
29	AIRLINE ALLIED SERVICES LTD.	-24429	-28806	-19875

(Rs. in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
30	AIRPORTS AUTHORITY OF INDIA	280164	311593	253736
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	1406	0	0
32	HOTEL CORPN. OF INDIA LTD.	-5637	-5957	-5776
33	PAWAN HANS LTD.	1961	25393	5716
SUB TOTAL :		-286166	-349407	-147540
MINISTRY OF COAL				
34	BHARAT COKING COAL LTD.	-139122	-16998	60907
35	CENTRAL COALFIELDS LTD.	78954	138711	192940
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	8083	3964	914
37	COAL INDIA LTD.	929342	1449909	1659300
38	EASTERN COALFIELDS LTD.	-93117	613	72561
39	MAHANADI COALFIELDLS LTD.	476129	451297	419576
40	NLC INDIA LTD.	184878	236881	22800
41	NLC TAMIL NADU POWER LTD.	14633	7804	-16003
42	NORTHERN COALFIELDS LTD.	268524	210109	275296
43	SOUTH EASTERN COALFIELDS LTD.	237025	203857	325755
44	WESTERN COALFIELDS LTD.	-175650	-77728	29769
SUB TOTAL :		1789679	2608419	3043815
MINISTRY OF COMMERCE & INDUSTRY				
D/O INDUSTRIAL POLICY & PROMOTION				
45	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	624	643	0
SUB TOTAL :		624	643	0
MINISTRY OF COMMERCE & INDUSTRY				
D/O COMMERCE				
46	E. C. G. C. LTD.	7429	28214	27623
47	INDIA TRADE PROMOTION ORGANISATION	13462	17110	16386
48	KARNATAKA TRADE PROMOTION ORGANISATION	1995	5316	776
49	M M T C LTD.	4884	5706	5489
50	P E C LTD.	-5696	-9284	-114202
51	STATE TRADING CORPN. OF INDIA LTD.	3752	-16582	1786
52	STCL LTD.	-65688	-56269	-48007
53	TAMIL NADU TRADE PROMOTION ORGANISATION	3153	3156	2155
SUB TOTAL :		-36709	-22633	-107994
MINISTRY OF COMMUNICATION				
D/O TELECOMMUNICATIONS				
54	BHARAT BROADBAND NETWORK LTD.	277	2285	-843
55	BHARAT SANCHAR NIGAM LTD.	-799285	-479321	-485916
56	I T I LTD.	23056	26639	25119
57	MAHANAGAR TELEPHONE NIGAM LTD.	-297303	-294108	-194755
58	MILLENNIUM TELECOM LTD.	53	40	27
59	TCIL BINA TOLL ROAD LTD.	-511	-1046	-1043
60	TCIL LAKHNADONE TOLL ROAD LTD.	-159	-464	-4
61	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4608	7082	5111
SUB TOTAL :		-1069264	-738893	-652304
MINISTRY OF COMMUNICATION				
D/O POST				
62	INDIA POST PAYMENT BANK LTD	0	222	0
SUB TOTAL :		0	222	0

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION				
D/O FOOD & PUBLIC DISTRIBUTION				
63	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1533	1268	1114
64	CENTRAL WAREHOUSING CORPN.	3188	23122	19782
65	FOOD CORPN. OF INDIA	0	0	0
SUB TOTAL :		4721	24390	20896
MINISTRY OF DEFENCE				
D/O DEFENCE PRODUCTION				
66	BEL Optronics Devices Ltd.	1155	484	279
67	BEL-THALES SYSTEMS LTD.	-259	-82	-245
68	BEML LTD.	12944	8445	6366
69	BHARAT DYNAMICS LTD.	52815	52406	56488
70	BHARAT ELECTRONICS LTD.	139929	154762	130736
71	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	8680	1147	16205
72	GOA SHIPYARD LTD.	21733	11740	6228
73	HINDUSTAN AERONAUTICS LTD.	207041	261563	199805
74	HINDUSTAN SHIPYARD LTD.	2099	5377	1900
75	MAZAGON DOCK SHIPBUILDERS LTD.	43980	54899	56848
76	MISHRA DHATU NIGAM LTD.	13126	12631	11937
77	NAINI AEROSPACE LTD.	-1063	-174	0
78	VIGNYAN INDUSTRIES LTD.	39	48	73
SUB TOTAL :		502219	563246	486620
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION				
79	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	53	-306	-196
80	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-589	-589	-589
SUB TOTAL :		-536	-895	-785
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY				
81	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	3104	6441	6969
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE				
82	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	-4970	-4970	-4970
SUB TOTAL :		-4970	-4970	-4970
MINISTRY OF FINANCE				
D/O FINANCIAL SERVICES				
83	IIFCL ASSET MANAGEMENT COMPANY LTD.	280	101	94
84	IIFCL PROJECTS LTD.	233	141	235
85	INDIA INFRASTRUCTURE FINANCE CO. LTD.	-115461	6790	46850
SUB TOTAL :		-114948	7032	47179
MINISTRY OF FINANCE				
D/O ECONOMIC AFFAIRS				
86	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	63145	65241	37459
SUB TOTAL :		63145	65241	37459
MINISTRY OF HEALTH & FAMILY WELFARE				
DEPARTMENT OF HEALTH AND FAMILY WELFARE				
87	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	114	787	269
88	HLL BIOTECH LTD.	-4217	-481	-610
89	HLL INFRA TECH SERVICES LTD.	801	278	116
90	HLL LIFECARE LTD.	-6958	-2538	2714
91	HSCC (INDIA) LTD.	3747	3761	5462
SUB TOTAL :		-6513	1807	7951

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES				
D/O HEAVY INDUSTRIES				
92	ANDREW YULE & COMPANY LTD.	1712	3260	835
93	BHARAT HEAVY ELECTRICALS LTD.	80660	49586	-70960
94	BHARAT PUMPS & COMPRESSORS LTD.	-8397	-8397	-7506
95	BHEL ELECTRICAL MACHINES LTD.	-602	-424	-298
96	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	239	1716	4440
97	BRIDGE & ROOF CO.(INDIA) LTD.	1657	1825	265
98	CEMENT CORPN. OF INDIA LTD.	1799	4233	5351
99	ENGINEERING PROJECTS (INDIA) LTD.	14	269	2455
100	HEAVY ENGINEERING CORPN. LTD.	44600	-8227	-14477
101	HINDUSTAN CABLES LTD.	234846	234846	-99412
102	HINDUSTAN NEWSPRINT LTD.	-10165	-6015	-4361
103	HINDUSTAN PAPER CORPORATION LTD.	-37014	-37014	-37014
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-291716	-291716	-252791
105	HINDUSTAN SALTS LTD.	184	40	-113
106	HMT (INTERNATIONAL) LTD.	14	6	58
107	HMT BEARINGS LTD.	-138	-366	-809
108	HMT CHINAR WATCHES LTD.	2	91	-1242
109	HMT LTD.	-716	-23949	-1714
110	HMT MACHINE TOOLS LTD.	-12925	-12759	-10666
111	HMT WATCHES LTD.	-849	-20356	-15557
112	HOOGHLY PRINTING COMPANY LTD.	-354	-35	13
113	INSTRUMENTATION LTD.	-9137	-9137	-17050
114	NAGALAND PULP & PAPER COMPANY LTD.	-1739	-1739	-1739
115	NEPA LTD.	3012	-6862	-7012
116	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	402	1215	1222
117	RICHARDSON & CRUDDAS(1972) LTD.	1494	1494	-1006
118	SAMBHAR SALTS LTD.	-258	-855	-890
119	SCOOTERS INDIA LTD.	-1862	-905	548
120	TUNGABHADRA STEEL PRODUCTS LTD.	40533	40533	-2887
SUB TOTAL :		35296	-89642	-532317
MINISTRY OF HOME AFFAIRS				
121	DELHI POLICE HOUSING CORPORATION LTD.	45	-19	115
SUB TOTAL :		45	-19	115
MINISTRY OF HOUSING & URBAN AFFAIRS				
122	HINDUSTAN PREFAB LTD.	193	570	1005
123	HINDUSTAN STEELWORKS COSTN. LTD.	3576	~	~
124	HOUSING & URBAN DEV. CORPN. LTD.	79906	84181	78379
125	NBCC (INDIA) LTD.	33360	35110	28695
126	NBCC ENGINEERING AND CONSULTANCY LTD.	-209	-17	-8
127	NBCC SERVICES LTD.	697	681	577
SUB TOTAL :		117523	120525	108648
MINISTRY OF HUMAN RESOURCE DEVELOPMENT				
D/O HIGHER EDUCATION				
128	EdCIL(India) Ltd.	3595	2845	3096
SUB TOTAL :		3595	2845	3096

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
MINISTRY OF INFORMATION & BROADCASTING				
129	BROADCAST ENGG. CONSULTANTS INDIA LTD.	-428	204	-622
130	NATIONAL FILM DEV. CORPN. LTD.	1454	-191	1310
SUB TOTAL :		1026	13	688
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES				
131	NATIONAL SMALL INDUSTRIES CORPN. LTD.	9941	10640	10146
SUB TOTAL :		9941	10640	10146
MINISTRY OF MINES				
132	HINDUSTAN COPPER LTD.	7960	6194	3774
133	MINERAL EXPLORATION CORPN. LTD.	9748	10479	7676
134	NATIONAL ALUMINIUM COMPANY LTD.	134241	66853	78711
SUB TOTAL :		151949	83526	90161
MINISTRY OF MINORITIES AFFAIRS				
135	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5455	4839	2254
SUB TOTAL :		5455	4839	2254
MINISTRY OF NEW AND RENEWABLE ENERGY				
136	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	39320	36502	29804
137	SOLAR ENERGY CORPORATION OF INDIA	6472	4650	1910
SUB TOTAL :		45792	41152	31714
MINISTRY OF PETROLEUM & NATURAL GAS				
138	BALMER LAWRIE & CO. LTD.	18482	17042	16435
139	BALMER LAWRIE INVESTMENTS LTD.	5364	3880	3563
140	BHARAT PETRO RESOURCES LTD.	-15926	-20298	-5589
141	BHARAT PETROLEUM CORPN. LTD.	791934	803930	705636
142	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1245	1021	979
143	CHENNAI PETROLEUM CORPORATION LTD.	91292	102975	74187
144	CREDA HPCL BIOFUEL LTD.	0	-375	-716
145	ENGINEERS INDIA LTD.	37787	32504	27619
146	GAIL (INDIA) LTD.	461841	350291	222643
147	GAIL GAS LTD.	8075	6502	3979
148	HINDUSTAN PETROLEUM CORPN. LTD.	635707	620880	372616
149	HPCL BIOFUELS LTD.	-7785	-3072	-6137
150	INDIAN OIL CORPORATION LTD.	2134612	1910640	1124223
151	INDIAN OIL-CREDA BIOFUELS LTD.	0	-627	-19
152	MANGALORE REFINERY & PETROCHEMICALS LTD.	222412	364369	114694
153	NUMALIGARH REFINERY LTD.	204465	210057	120982
154	OIL & NATURAL GAS CORPORATION LTD.	1994526	1789997	1613993
155	OIL INDIA LTD.	266793	154868	230167
156	ONGC MANGALORE PETROCHEMICALS LTD.	-44711	-36619	-64887
157	ONGC VIDESH LTD.	97961	75378	-364010
158	PETRONET CCK LTD.	5841	5841	5962
159	PRIZE PETROLEUM COMPANY LTD.	-157	-1495	-4888
SUB TOTAL :		6909758	6387689	4191432
MINISTRY OF POWER				
160	BHARTIYA RAIL BIJLEE CO. LTD.	2721	766	-3
161	KANTI BIJLEE UTPADAN NIGAM LTD.	-18109	-2195	-5821
162	NHDC LTD.	55318	93128	63887
163	NHPC LTD.	275865	279559	242989
164	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	29317	22598	30820
165	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	-18	113

(Rs. in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
166	NTPC LTD.	1034317	938526	1076960
167	NTPC VIDYUT VYAPAR NIGAM LTD.	6126	7644	5196
168	PATRATU VIDYUT UTPADAN NIGAM LTD.	3	-7	-1
169	PFC CAPITAL ADVISORY SERVICE LTD.	38	106	133
170	PFC CONSULTING LTD.	2833	5785	3706
171	PFC GREEN ENERGY LTD.	3183	3015	2260
172	POWER FINANCE CORPORATION LTD.	585522	212639	611348
173	POWER GRID CORPORATION OF INDIA LTD.	823896	752015	594850
174	POWER GRID WARORA TRANSMISSION LTD.	2895	132	0
175	POWER SYSTEM OPERATION CORPORATION LTD.	4772	3597	5549
176	POWERGRID KALA AMB TRANSMISSION LTD.	752	0	0
177	POWERGRID NM TRANSMISSION LTD.	-8314	-1895	0
178	POWERGRID UNCHAHAR TRANSMISSION LTD.	905	-6	0
179	POWERGRID VIZAG TRANSMISSION LTD.	7767	-2194	296
180	REC POWER DISTRIBUTION CO. LTD.	3680	4033	3617
181	REC TRANSMISSION PROJECTS CO. LTD.	3529	3446	2881
182	RURAL ELECTRIFICATION CORPN. LTD.	464700	624576	562766
183	SJVN LTD.	122488	154414	140734
184	THDC INDIA LTD.	77116	71393	81898
SUB TOTAL :		3481320	3171057	3424178
MINISTRY OF RAILWAYS				
185	BHARAT WAGON & ENGG. CO. LTD.	-1434	-1434	-1526
186	BRAITHWAITE & CO. LTD.	260	-895	64
187	BURN STANDARD COMPANY LTD.	-3351	-3351	-2837
188	CONCOR AIR LTD.	1216	784	1494
189	CONTAINER CORPORATION OF INDIA LTD.	104904	85802	95082
190	FRESH & HEALTHY ENTERPRISES LTD.	-1062	-1366	-2591
191	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	5	13	0
192	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	22202	21469	19730
193	INDIAN RAILWAY FINANCE CORPORATION LTD.	200731	93381	84869
194	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	0	-454	115
195	IRCON INFRASTRUCTURE & SERVICES LTD.	1365	1236	1422
196	IRCON INTERNATIONAL LTD.	39086	36885	39504
197	IRCON PB TOLLWAY LTD.	83	54	381
198	IRCON SHIVPURI GUNA TOLLWAY LTD.	-7	39	-91
199	KONKAN RAILWAY CORPORATION LTD.	12582	5966	13396
200	MUMBAI RAILWAY VIKAS CORPORATION LTD.	162	2338	4021
201	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-1213	7	0
202	RAIL VIKAS NIGAM LTD.	46966	38161	30402
203	RAILTEL CORPORATION INDIA LTD.	15618	12672	10196
204	RAILTEL ENTERPRISES LTD.	159	134	85
205	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	3028	1763	313
206	RITES INFRASTRUCTURE SERVICES LTD.	-10	-10	-42
207	RITES LTD.	33681	33093	33944
208	SIDCUL CONCOR INFRA COMPANY LTD.	-1110	-1296	239
SUB TOTAL :		473861	324991	328170
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS				
209	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	3879	1375	1123
SUB TOTAL :		3879	1375	1123

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF BIOTECHNOLOGY				
210	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-426	651	-621
211	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	152	92	328
212	INDIAN VACCINE CORP. LTD.	-153	-20	-208
SUB TOTAL :		-427	723	-501
MINISTRY OF SCIENCE & TECHNOLOGY				
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH				
213	CENTRAL ELECTRONICS LTD.	2171	1682	856
214	NATIONAL RESEARCH DEVELOPMENT CORPN.	32	86	6
SUB TOTAL :		2203	1768	862
MINISTRY OF SHIPPING				
215	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	853	853	-289
216	COCHIN SHIPYARD LTD.	39675	32155	27269
217	DREDGING CORPN. OF INDIA LTD.	1714	741	4191
218	HOOGHLY DOCK AND PORT ENGINEERS LTD.	971	4146	-1980
219	KAMARAJAR PORT LTD.	39418	47240	37581
220	SHIPPING CORPORATION OF INDIA LTD.	25375	14228	75329
SUB TOTAL :		108006	99363	142101
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY				
221	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5079	5574	4620
222	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	194	109	838
SUB TOTAL :		5273	5683	5458
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT				
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT				
223	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	2014	2554	2385
224	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1802	1806	1043
225	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4752	4901	4412
SUB TOTAL :		8568	9261	7840
MINISTRY OF STEEL				
226	EASTERN INVESTMENT LTD.	35	85	144
227	FERRO SCRAP NIGAM LTD.	807	2375	3960
228	HINDUSTAN STEELWORKS COSTN. LTD.	~	-2902	~
229	J & K MINERAL DEVELOPMENT CORPN. LTD.	141	-85	-165
230	KIOCL LTD.	8148	4793	-8015
231	M S T C LTD.	7663	6543	6010
232	MECON LTD.	5800	-7305	-16241
233	MOIL LTD.	42199	30583	17298
234	NMDC Ltd.	380588	258914	271222
235	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-25296	656	1094
236	RASHTRIYA ISPAT NIGAM LTD.	-136901	-126316	-160372
237	SAIL REFRACTORY COMPANY LTD.	1420	2101	1589
238	STEEL AUTHORITY OF INDIA LTD.	-48171	-283324	-402144
239	THE BISRA STONE LIME COMPANY LTD.	-1071	-1773	-1664
SUB TOTAL :		235362	-115655	-287284
MINISTRY OF TEXTILES				
240	BIRDS JUTE & EXPORTS LTD.	-485	-485	-464
241	BRITISH INDIA CORPORATION LTD.	-10498	-10498	-9724
242	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-2174	8	21

(Rs. in Lakhs)

S. No.	Ministry / Deptt. / CPSE	2017-18	2016-17	2015-16
243	COTTON CORPN. OF INDIA LTD.	933	-455	1169
244	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-2361	-3053	-1076
245	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2358	2888	2408
246	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	475	475	731
247	NATIONAL TEXTILE CORPN. LTD.	-30694	97316	500
248	THE JUTE CORPN. OF INDIA LTD.	1768	920	1089
SUB TOTAL :		-40678	87116	-5346
MINISTRY OF TOURISM				
249	ASSAM ASHOK HOTEL CORPN. LTD.	0	-155	-155
250	DONYI POLO ASHOK HOTEL LTD.	-129	-5	1
251	INDIA TOURISM DEV. CORPN. LTD.	2362	1143	2255
252	KUMARAKRUPPA FRONTIER HOTELS LTD.	892	745	683
253	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	0	16	-35
254	PONDICHERRY ASHOK HOTEL CORPN. LTD.	2	35	-21
255	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-215	-197	-168
256	UTKAL ASHOK HOTEL CORPN. LTD.	-78	-71	-197
SUB TOTAL :		2834	1511	2363
MINISTRY OF TRIBAL AFFAIRS				
257	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2550	2242	2159
SUB TOTAL :		2550	2242	2159
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION				
258	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	3036	2884	1081
259	WAPCOS LTD.	10578	9857	8383
SUB TOTAL :		13614	12741	9464
DEPT. OF ATOMIC ENERGY				
260	ELECTRONICS CORPN. OF INDIA LTD.	5272	5761	7548
261	INDIAN RARE EARTHS LTD.	8211	5075	-10612
262	NUCLEAR POWER CORPN. OF INDIA LTD.	361327	254436	270213
263	URANIUM CORPORATION OF INDIA LTD.	10673	12733	9984
SUB TOTAL :		385483	278005	277133
DEPT. OF SPACE				
264	ANTRIX CORPORATION LTD.	21151	21801	20540
SUB TOTAL :		21151	21801	20540
GRAND TOTAL :		12837390	12548439	11420486

STATEMENT - 2
DIVIDEND DECLARED BY CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
AGRO BASED INDUSTRIES				
1	NATIONAL SEEDS CORPN. LTD.	1203	1146	813
	SUB TOTAL :	1203	1146	813
COAL				
2	CENTRAL COALFIELDS LTD.	53110	363404	171174
3	COAL INDIA LTD.	1024224	1235276	1730684
4	MAHANADI COALFIELDLS LTD.	435000	298200	360845
5	NORTHERN COALFIELDS LTD.	175000	168000	365992
6	SOUTH EASTERN COALFIELDS LTD.	220258	213347	639032
7	WESTERN COALFIELDS LTD.	0	0	76966
	SUB TOTAL :	1907592	2278227	3344693
CRUDE OIL				
8	OIL & NATURAL GAS CORPORATION LTD.	776412	951798	491942
9	OIL INDIA LTD.	141864	124235	108205
	SUB TOTAL :	918276	1076033	600147
OTHER MINERALS & METALS				
10	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1187	1187	1026
11	HINDUSTAN COPPER LTD.	1850	0	1388
12	INDIAN RARE EARTHS LTD.	4092	0	2079
13	KIOCL LTD.	2062	0	635
14	MOIL LTD.	15982	6659	8400
15	NATIONAL ALUMINIUM COMPANY LTD.	90848	68619	45102
16	NMDC Ltd.	167686	131302	487661
17	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	88	159	266
18	URANIUM CORPORATION OF INDIA LTD.	3839	3064	164
	SUB TOTAL :	287634	210990	546721
STEEL				
19	FERRO SCRAP NIGAM LTD.	617	888	642
20	MISHRA DHATU NIGAM LTD.	3789	3541	3347
21	STEEL AUTHORITY OF INDIA LTD.	0	0	10326
	SUB TOTAL :	4406	4429	14315
PETROLEUM (REFINERY & MARKETING)				
22	BHARAT PETROLEUM CORPN. LTD.	318157	564006	278387
23	CHENNAI PETROLEUM CORPORATION LTD.	31271	5956	0
24	HINDUSTAN PETROLEUM CORPN. LTD.	232129	347770	145610
25	INDIAN OIL CORPORATION LTD.	947896	1054542	286753
26	MANGALORE REFINERY & PETROCHEMICALS LTD.	105156	0	0
27	NUMALIGARH REFINERY LTD.	180966	99310	55172
	SUB TOTAL :	1815575	2071584	765922
FERTILIZERS				
28	NATIONAL FERTILIZERS LTD.	4170	5853	834
29	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	6069	6069	9930
	SUB TOTAL :	10239	11922	10764
CHEMICALS & PHARMACEUTICALS				
30	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	243	0	202
	SUB TOTAL :	243	0	202
HEAVY & MEDIUM ENGINEERING				
31	BALMER LAWRIE & CO. LTD.	7980	5700	4814
32	BEL OPTRONICS DEVICES LTD.	144	0	0
33	BHARAT DYNAMICS LTD.	21422	10136	10243
34	BHARAT ELECTRONICS LTD.	62765	61604	24560
35	BHARAT HEAVY ELECTRICALS LTD.	48463	29371	15175
36	COCHIN SHIPYARD LTD.	10161	8666	1699
37	ELECTRONICS CORPN. OF INDIA LTD.	1129	1491	1003
38	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	5408	5322	2477
39	GOA SHIPYARD LTD.	9894	1862	1571

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
40	HINDUSTAN AERONAUTICS LTD.	107587	91732	51000
41	MAZAGON DOCK SHIPBUILDERS LTD.	24541	19920	10000
42	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	490	421	204
43	SAIL REFRACTORY COMPANY LTD.	631	0	480
	SUB TOTAL :	300615	236225	123226
	TRANSPORTATION VEHICLE & EQUIPMENT			
44	BEML LTD.	3332	1666	416
	SUB TOTAL :	3332	1666	416
	INDUSTRIAL AND CONSUMER GOODS			
45	ANDREW YULE & COMPANY LTD.	489	0	0
46	HLL LIFECARE LTD.	0	387	387
47	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	22764	6092	0
	SUB TOTAL :	23253	6479	387
	POWER GENERATION			
48	NHDC LTD.	123053	40037	23158
49	NHPC LTD.	125165	252413	146133
50	NLC INDIA LTD.	64658	136427	46970
51	NLC TAMIL NADU POWER LTD.	2188	0	0
52	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	9214	11017	9215
53	NTPC LTD.	404028	359503	276224
54	NUCLEAR POWER CORPN. OF INDIA LTD.	250000	64628	74400
55	SJVN LTD.	99279	112516	43522
56	THDC INDIA LTD.	33521	30389	14000
	SUB TOTAL :	1111106	1006930	633622
	POWER TRANSMISSION			
57	POWER GRID CORPORATION OF INDIA LTD.	303433	131312	110387
58	POWERGRID UNCHAHAHAR TRANSMISSION LTD.	194	0	0
59	POWERGRID VIZAG TRANSMISSION LTD.	2097	0	0
60	REC POWER DISTRIBUTION CO. LTD.	1211	0	1085
61	REC TRANSMISSION PROJECTS CO. LTD.	1380	0	865
	SUB TOTAL :	308315	131312	112337
	TRADING & MARKETING			
62	ANTRIX CORPORATION LTD.	18000	4300	6112
63	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2	0	9
64	COTTON CORPN. OF INDIA LTD.	225	351	351
65	HMT (INTERNATIONAL) LTD.	0	17	14
66	M M T C LTD.	3000	3000	2500
67	M S T C LTD.	2499	3476	1822
68	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	708	870	731
69	NTPC VIDYUT VYAPAR NIGAM LTD.	5000	0	2000
70	THE JUTE CORPN. OF INDIA LTD.	530	276	0
	SUB TOTAL :	29964	12290	13539
	TRANSPORT AND LOGISTIC SERVICES			
71	AIRPORTS AUTHORITY OF INDIA	84050	93478	76121
72	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	608	608	406
73	CENTRAL WAREHOUSING CORPN.	2175	9653	5982
74	CONCOR AIR LTD.	867	257	183
75	CONTAINER CORPORATION OF INDIA LTD.	41676	29440	26128
76	DREDGING CORPN. OF INDIA LTD.	0	840	840
77	GAIL (INDIA) LTD.	175050	145878	69766
78	GAIL GAS LTD.	1881	804	0
79	KAMARAJAR PORT LTD.	18300	0	16935
80	PAWAN HANS LTD.	3699	1083	1548
81	PETRONET CCK LTD.	12000	12000	500
	SUB TOTAL :	340306	294041	198409
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES			
82	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	636	1332	1332
83	BRIDGE & ROOF CO.(INDIA) LTD.	491	0	0
84	BROADCAST ENGG. CONSULTANTS INDIA LTD.	0	61	0
85	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1950	0	0
86	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	700	500	450
87	EdCIL(India) Ltd.	1600	0	1000

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
88	ENGINEERING PROJECTS (INDIA) LTD.	0	0	1082
89	ENGINEERS INDIA LTD.	18957	23586	13477
90	HLL INFRA TECH SERVICES LTD.	320	142	35
91	HSCC (INDIA) LTD.	1124	1128	1638
92	IRCON INTERNATIONAL LTD.	19240	18423	18212
93	MINERAL EXPLORATION CORPN. LTD.	5559	2307	2307
94	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	958	0	0
95	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	208	104	0
96	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	3126	2905
97	NBCC (INDIA) LTD.	14850	16770	6600
98	NBCC SERVICES LTD.	330	220	0
99	PFC CONSULTING LTD.	6793	0	0
100	POWER SYSTEM OPERATION CORPORATION LTD.	119	356	2007
101	PROJECTS & DEVELOPMENT INDIA LTD.	0	0	185
102	RAIL VIKAS NIGAM LTD.	16700	25710	3720
103	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	368	0	0
104	rites LTD.	14800	14600	7700
105	SOLAR ENERGY CORPORATION OF INDIA	3839	191	191
106	WAPCOS LTD.	3500	2525	2525
	SUB TOTAL :	113042	111081	65366
	HOTEL AND TOURIST SERVICES			
107	INDIA TOURISM DEV. CORPN. LTD.	1141	1286	1287
108	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	4718	11295	2613
	SUB TOTAL :	5859	12581	3900
	FINANCIAL SERVICES			
109	BALMER LAWRIE INVESTMENTS LTD.	3774	3774	2775
110	E. C. G. C. LTD.	0	7250	6500
111	EASTERN INVESTMENT LTD.	7	17	29
112	HOUSING & URBAN DEV. CORPN. LTD.	12011	10001	10001
113	INDIAN RAILWAY FINANCE CORPORATION LTD.	37500	37352	33948
114	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	12684	12550	15000
115	KUMARAKRUPPA FRONTIER HOTELS LTD.	614	0	487
116	POWER FINANCE CORPORATION LTD.	205926	132004	183486
117	RURAL ELECTRIFICATION CORPN. LTD.	198479	138244	168855
	SUB TOTAL :	470995	341192	421081
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
118	MILLENNIUM TELECOM LTD.	20	0	0
119	RAILTEL CORPORATION INDIA LTD.	5153	4453	2200
120	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	708	365	236
	SUB TOTAL :	5881	4818	2436
	GRAND TOTAL :	7657836	7812946	6858296

STATEMENT - 3
NET PROFIT OF PROFIT MAKING CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
AGRO BASED INDUSTRIES				
1	NATIONAL SEEDS CORPN. LTD.	2497	5180	4971
	SUB TOTAL :	2497	5180	4971
COAL				
2	CENTRAL COALFIELDS LTD.	78954	138711	192940
3	COAL INDIA LTD.	929342	1449909	1659300
4	MAHANADI COALFIELDS LTD.	476129	451297	419576
5	NORTHERN COALFIELDS LTD.	268524	210109	275296
6	SOUTH EASTERN COALFIELDS LTD.	237025	203857	325755
	SUB TOTAL :	1989974	2453883	2872867
CRUDE OIL				
7	OIL & NATURAL GAS CORPORATION LTD.	1994526	1789997	1613993
8	OIL INDIA LTD.	266793	154868	230167
9	ONGC VIDESH LTD.	97961	75378	-364010
	SUB TOTAL :	2359280	2020243	1480150
OTHER MINERALS & METALS				
10	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2703	3603	3420
11	HINDUSTAN COPPER LTD.	7960	6194	3774
12	INDIAN RARE EARTHS LTD.	8211	5075	-10612
13	J & K MINERAL DEVELOPMENT CORPN. LTD.	141	-85	-165
14	KIOCL LTD.	8148	4793	-8015
15	MOIL LTD.	42199	30583	17298
16	NATIONAL ALUMINIUM COMPANY LTD.	134241	66853	78711
17	NMDC Ltd.	380588	258914	271222
18	URANIUM CORPORATION OF INDIA LTD.	10673	12733	9984
	SUB TOTAL :	594864	388663	365617
STEEL				
19	FERRO SCRAP NIGAM LTD.	807	2375	3960
20	MISHRA DHATU NIGAM LTD.	13126	12631	11937
	SUB TOTAL :	13933	15006	15897
PETROLEUM (REFINERY & MARKETING)				
21	BHARAT PETROLEUM CORPN. LTD.	791934	803930	705636
22	CHENNAI PETROLEUM CORPORATION LTD.	91292	102975	74187
23	HINDUSTAN PETROLEUM CORPN. LTD.	635707	620880	372616
24	INDIAN OIL CORPORATION LTD.	2134612	1910640	1124223
25	MANGALORE REFINERY & PETROCHEMICALS LTD.	222412	364369	114694
26	NUMALIGARH REFINERY LTD.	204465	210057	120982
	SUB TOTAL :	4080422	4012851	2512338
FERTILIZERS				
27	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	79	750	2850
28	FERTILIZER CORPN. OF INDIA LTD.	11395	3010	865
29	HINDUSTAN FERTILIZER CORPN. LTD.	2217	165	934014
30	NATIONAL FERTILIZERS LTD.	21277	20816	19862
31	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	7880	17926	17264
	SUB TOTAL :	42848	42667	974855
CHEMICALS & PHARMACEUTICALS				
32	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1006	451	-913
33	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	114	787	269
34	HIL (INDIA) LTD.	341	326	183
35	HINDUSTAN ANTIBIOTICS LTD.	20832	-7824	-7718
36	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	766	352	-51
37	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1455	3033	1951
38	ORISSA DRUGS & CHEMICALS LTD.	78	78	146
	SUB TOTAL :	24592	-2797	-6133

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
HEAVY & MEDIUM ENGINEERING				
39	BALMER LAWRIE & CO. LTD.	18482	17042	16435
40	BEL OPTRONICS DEVICES LTD.	1155	484	279
41	BHARAT DYNAMICS LTD.	52815	52406	56488
42	BHARAT ELECTRONICS LTD.	139929	154762	130736
43	BHARAT HEAVY ELECTRICALS LTD.	80660	49586	-70960
44	BRAITHWAITE & CO. LTD.	260	-895	64
45	CENTRAL ELECTRONICS LTD.	2171	1682	856
46	COCHIN SHIPYARD LTD.	39675	32155	27269
47	ELECTRONICS CORPN. OF INDIA LTD.	5272	5761	7548
48	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	8680	1147	16205
49	GOA SHIPYARD LTD.	21733	11740	6228
50	HEAVY ENGINEERING CORPN. LTD.	44600	-8227	-14477
51	HINDUSTAN AERONAUTICS LTD.	207041	261563	199805
52	HINDUSTAN CABLES LTD.	234846	234846	-99412
53	HINDUSTAN SHIPYARD LTD.	2099	5377	1900
54	HMT CHINAR WATCHES LTD.	2	91	-1242
55	HOOGLY DOCK AND PORT ENGINEERS LTD.	971	4146	-1980
56	I T I LTD.	23056	26639	25119
57	MAZAGON DOCK SHIPBUILDERS LTD.	43980	54899	56848
58	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	402	1215	1222
59	RICHARDSON & CRUDDAS(1972) LTD.	1494	1494	-1006
60	SAIL REFRACTORY COMPANY LTD.	1420	2101	1589
61	TUNGABHADRA STEEL PRODUCTS LTD.	40533	40533	-2887
62	VIGNYAN INDUSTRIES LTD.	39	48	73
SUB TOTAL :		971315	950595	356700
TRANSPORATATION VEHICLE & EQUIPMENT				
63	BEML LTD.	12944	8445	6366
SUB TOTAL :		12944	8445	6366
INDUSTRIAL AND CONSUMER GOODS				
64	ANDREW YULE & COMPANY LTD.	1712	3260	835
65	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5079	5574	4620
66	CEMENT CORPN. OF INDIA LTD.	1799	4233	5351
67	HINDUSTAN SALTS LTD.	184	40	-113
68	NEPA LTD.	3012	-6862	-7012
69	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	63145	65241	37459
SUB TOTAL :		74931	71486	41140
TEXTILES				
70	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	475	475	731
SUB TOTAL :		475	475	731
POWER GENERATION				
71	BHARTIYA RAIL BIJLEE CO. LTD.	2721	766	-3
72	NHDC LTD.	55318	93128	63887
73	NHPC LTD.	275865	279559	242989
74	NLC INDIA LTD.	184878	236881	22800
75	NLC TAMIL NADU POWER LTD.	14633	7804	-16003
76	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	29317	22598	30820
77	NTPC LTD.	1034317	938526	1076960
78	NUCLEAR POWER CORPN. OF INDIA LTD.	361327	254436	270213
79	PATRATU VIDYUT UTPADAN NIGAM LTD.	3	-7	
80	SJVN LTD.	122488	154414	140734
81	THDC INDIA LTD.	77116	71393	81898
SUB TOTAL :		2157983	2059498	1914294
POWER TRANSMISSION				
82	POWER GRID CORPORATION OF INDIA LTD.	823896	752015	594850
83	POWER GRID WARORA TRANSMISSION LTD.	2895	132	0
84	POWERGRID KALA AMB TRANSMISSION LTD.	752	0	0
85	POWERGRID UNCHAHAR TRANSMISSION LTD.	905	-6	0
86	POWERGRID VIZAG TRANSMISSION LTD.	7767	-2194	296
87	REC POWER DISTRIBUTION CO. LTD.	3680	4033	3617
88	REC TRANSMISSION PROJECTS CO. LTD.	3529	3446	2881
SUB TOTAL :		843424	757426	601644

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
TRADING & MARKETING				
89	ANTRIX CORPORATION LTD.	21151	21801	20540
90	COTTON CORPN. OF INDIA LTD.	933	-455	1169
91	HMT (INTERNATIONAL) LTD.	14	6	58
92	INDIA TRADE PROMOTION ORGANISATION	13462	17110	16386
93	KARNATAKA TRADE PROMOTION ORGANISATION	1995	5316	776
94	M M T C LTD.	4884	5706	5489
95	M S T C LTD.	7663	6543	6010
96	NATIONAL FILM DEV. CORPN. LTD.	1454	-191	1310
97	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2358	2888	2408
98	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	53	-306	-196
99	NTPC VIDYUT VYAPAR NIGAM LTD.	6126	7644	5196
100	STATE TRADING CORPN. OF INDIA LTD.	3752	-16582	1786
101	TAMIL NADU TRADE PROMOTION ORGANISATION	3153	3156	2155
102	THE JUTE CORPN. OF INDIA LTD.	1768	920	1089
SUB TOTAL :		68766	53556	64176
TRANSPORT AND LOGISTIC SERVICES				
103	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	15240	0	0
104	AIR INDIA AIR TRANSPORT SERVICES LTD.	3344	3344	6879
105	AIR INDIA EXPRESS LTD.	26075	23696	36168
106	AIRPORTS AUTHORITY OF INDIA	280164	311593	253736
107	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	853	853	-289
108	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1533	1268	1114
109	CENTRAL WAREHOUSING CORPN.	3188	23122	19782
110	CHANDIGARH INTERNATIONAL AIRPORT LTD.	1406	0	0
111	CONCOR AIR LTD.	1216	784	1494
112	CONTAINER CORPORATION OF INDIA LTD.	104904	85802	95082
113	DREDGING CORPN. OF INDIA LTD.	1714	741	4191
114	GAIL (INDIA) LTD.	461841	350291	222643
115	GAIL GAS LTD.	8075	6502	3979
116	KAMARAJAR PORT LTD.	39418	47240	37581
117	PAWAN HANS LTD.	1961	25393	5716
118	PETRONET CCK LTD.	5841	5841	5962
119	SHIPPING CORPORATION OF INDIA LTD.	25375	14228	75329
SUB TOTAL :		982148	900698	769367
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES				
120	AGRINNOVATE INDIA LTD.	158	211	247
121	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	239	1716	4440
122	BRIDGE & ROOF CO.(INDIA) LTD.	1657	1825	265
123	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	8083	3964	914
124	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1245	1021	979
125	DELHI POLICE HOUSING CORPORATION LTD.	45	-19	115
126	EdCIL(India) Ltd.	3595	2845	3096
127	ENGINEERING PROJECTS (INDIA) LTD.	14	269	2455
128	ENGINEERS INDIA LTD.	37787	32504	27619
129	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	5	13	0
130	HINDUSTAN PREFAB LTD.	193	570	1005
131	HINDUSTAN STEELWORKS COSTN. LTD.	3576	-2902	3690
132	HLL INFRA TECH SERVICES LTD.	801	278	116
133	HSCC (INDIA) LTD.	3747	3761	5462
134	IIFCL PROJECTS LTD.	233	141	235
135	IRCON INFRASTRUCTURE & SERVICES LTD.	1365	1236	1422
136	IRCON INTERNATIONAL LTD.	39086	36885	39504
137	IRCON PB TOLLWAY LTD.	83	54	381
138	KONKAN RAILWAY CORPORATION LTD.	12582	5966	13396
139	MECON LTD.	5800	-7305	-16241
140	MINERAL EXPLORATION CORPN. LTD.	9748	10479	7676
141	MUMBAI RAILWAY VIKAS CORPORATION LTD.	162	2338	4021
142	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	3879	1375	1123
143	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	3036	2884	1081
144	NATIONAL RESEARCH DEVELOPMENT CORPN.	32	86	6
145	NATIONAL SMALL INDUSTRIES CORPN. LTD.	9941	10640	10146
146	NBCC (INDIA) LTD.	33360	35110	28695
147	NBCC SERVICES LTD.	697	681	577
148	PFC CAPITAL ADVISORY SERVICE LTD.	38	106	133
149	PFC CONSULTING LTD.	2833	5785	3706

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
150	POWER SYSTEM OPERATION CORPORATION LTD.	4772	3597	5549
151	PROJECTS & DEVELOPMENT INDIA LTD.	269	-1058	-892
152	RAIL VIKAS NIGAM LTD.	46966	38161	30402
153	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	3028	1763	313
154	RITES LTD.	33681	33093	33944
155	SOLAR ENERGY CORPORATION OF INDIA	6472	4650	1910
156	WAPCOS LTD.	10578	9857	8383
	SUB TOTAL :	289786	242580	225873
	HOTEL AND TOURIST SERVICES			
157	INDIA TOURISM DEV. CORPN. LTD.	2362	1143	2255
158	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	22202	21469	19730
159	PONDICHERRY ASHOK HOTEL CORPN. LTD.	2	35	-21
	SUB TOTAL :	24566	22647	21964
	FINANCIAL SERVICES			
160	BALMER LAWRIE INVESTMENTS LTD.	5364	3880	3563
161	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	152	92	328
162	E. C. G. C. LTD.	7429	28214	27623
163	EASTERN INVESTMENT LTD.	35	85	144
164	HOUSING & URBAN DEV. CORPN. LTD.	79906	84181	78379
165	IIFCL ASSET MANAGEMENT COMPANY LTD.	280	101	94
166	INDIAN RAILWAY FINANCE CORPORATION LTD.	200731	93381	84869
167	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	39320	36502	29804
168	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	624	643	0
169	KUMARAKRUPPA FRONTIER HOTELS LTD.	892	745	683
170	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	2014	2554	2385
171	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	194	109	838
172	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5455	4839	2254
173	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1802	1806	1043
174	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4752	4901	4412
175	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2550	2242	2159
176	PFC GREEN ENERGY LTD.	3183	3015	2260
177	POWER FINANCE CORPORATION LTD.	585522	212639	611348
178	RURAL ELECTRIFICATION CORPN. LTD.	464700	624576	562766
	SUB TOTAL :	1404905	1104505	1414952
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
179	BHARAT BROADBAND NETWORK LTD.	277	2285	-843
180	MILLENNIUM TELECOM LTD.	53	40	27
181	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	3104	6441	6969
182	RAILTEL CORPORATION INDIA LTD.	15618	12672	10196
183	RAILTEL ENTERPRISES LTD.	159	134	85
184	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4608	7082	5111
	SUB TOTAL :	23819	28654	21545
	GRAND TOTAL :	15963472	15136261	13659314

STATEMENT - 4
NET LOSS (-) OF LOSS MAKING CPSEs (COGNATE GROUP WISE)

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
AGRO BASED INDUSTRIES				
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	-4970	-4970	-4970
2	HPCL BIOFUELS LTD.	-7785	-3072	-6137
SUB TOTAL :		-12755	-8042	-11107
COAL				
3	BHARAT COKING COAL LTD.	-139122	-16998	60907
4	EASTERN COALFIELDS LTD.	-93117	613	72561
5	WESTERN COALFIELDS LTD.	-175650	-77728	29769
SUB TOTAL :		-407889	-94113	163237
CRUDE OIL				
6	BHARAT PETRO RESOURCES LTD.	-15926	-20298	-5589
7	PRIZE PETROLEUM COMPANY LTD.	-157	-1495	-4888
SUB TOTAL :		-16083	-21793	-10477
OTHER MINERALS & METALS				
8	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-25296	656	1094
9	THE BISRA STONE LIME COMPANY LTD.	-1071	-1773	-1664
SUB TOTAL :		-26367	-1117	-570
STEEL				
10	RASHTRIYA ISPAT NIGAM LTD.	-136901	-126316	-160372
11	STEEL AUTHORITY OF INDIA LTD.	-48171	-283324	-402144
SUB TOTAL :		-185072	-409640	-562516
FERTILIZERS				
12	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-13052	-26268	-45219
13	MADRAS FERTILIZERS LTD.	-4481	354	-18954
SUB TOTAL :		-17533	-25914	-64173
CHEMICALS & PHARMACEUTICALS				
14	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-426	651	-621
15	BRAHAMPUTRA CRACKERS & POLYMER LTD.	-8039	-54741	-27251
16	HINDUSTAN FLUOROCARBONS LIMITED	-77	-385	-1111
17	HINDUSTAN ORGANIC CHEMICALS LTD.	-19947	-25557	-17391
18	HLL BIOTECH LTD.	-4217	-481	-610
19	IDPL (TAMILNADU) LTD.	-239	-239	-73
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	-16894	-15338	-16608
21	INDIAN VACCINE CORP. LTD.	-153	-20	-208
22	ONGC MANGALORE PETROCHEMICALS LTD.	-44711	-36619	-64887
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-599	-599	-599
SUB TOTAL :		-95302	-133328	-129359
HEAVY & MEDIUM ENGINEERING				
24	BEL-THALES SYSTEMS LTD.	-259	-82	-245
25	BHARAT PUMPS & COMPRESSORS LTD.	-8397	-8397	-7506
26	BHARAT WAGON & ENGG. CO. LTD.	-1434	-1434	-1526
27	BHEL ELECTRICAL MACHINES LTD.	-602	-424	-298
28	BURN STANDARD COMPANY LTD.	-3351	-3351	-2837
29	HMT BEARINGS LTD.	-138	-366	-809
30	HMT LTD.	-716	-23949	-1714
31	HMT MACHINE TOOLS LTD.	-12925	-12759	-10666
32	HMT WATCHES LTD.	-849	-20356	-15557
33	INSTRUMENTATION LTD.	-9137	-9137	-17050
34	NAINI AEROSPACE LTD.	-1063	-174	0
35	SCOOTERS INDIA LTD.	-1862	-905	548
SUB TOTAL :		-40733	-81334	-57660
INDUSTRIAL AND CONSUMER GOODS				
36	HINDUSTAN NEWSPRINT LTD.	-10165	-6015	-4361
37	HINDUSTAN PAPER CORPORATION LTD.	-37014	-37014	-37014

S. No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
38	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-291716	-291716	-252791
39	HLL LIFECARE LTD.	-6958	-2538	2714
40	HOOGHLY PRINTING COMPANY LTD.	-354	-35	13
41	NAGALAND PULP & PAPER COMPANY LTD.	-1739	-1739	-1739
42	SAMBHAR SALTS LTD.	-258	-855	-890
	SUB TOTAL :	-348204	-339912	-294068
	TEXTILES			
43	BIRDS JUTE & EXPORTS LTD.	-485	-485	-464
44	BRITISH INDIA CORPORATION LTD.	-10498	-10498	-9724
45	NATIONAL TEXTILE CORPN. LTD.	-30694	97316	500
	SUB TOTAL :	-41677	86333	-9688
	POWER GENERATION			
46	KANTI BIJLEE UTPADAN NIGAM LTD.	-18109	-2195	-5821
	SUB TOTAL :	-18109	-2195	-5821
	POWER TRANSMISSION			
47	POWERGRID NM TRANSMISSION LTD.	-8314	-1895	0
	SUB TOTAL :	-8314	-1895	0
	TRADING & MARKETING			
48	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-2174	8	21
49	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-2361	-3053	-1076
50	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-589	-589	-589
51	P E C LTD.	-5696	-9284	-114202
52	STCL LTD.	-65688	-56269	-48007
	SUB TOTAL :	-76508	-69187	-163853
	TRANSPORT AND LOGISTIC SERVICES			
53	AIR INDIA ENGINEERING SERVICES LTD.	-50516	-50516	-40710
54	AIR INDIA LTD.	-533774	-628154	-383678
55	AIRLINE ALLIED SERVICES LTD.	-24429	-28806	-19875
56	FRESH & HEALTHY ENTERPRISES LTD.	-1062	-1366	-2591
57	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-1213	7	0
58	SIDCUL CONCOR INFRA COMPANY LTD.	-1110	-1296	239
	SUB TOTAL :	-612104	-710131	-446615
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES			
59	BROADCAST ENGG. CONSULTANTS INDIA LTD.	-428	204	-622
60	IRCON SHIVPURI GUNA TOLLWAY LTD.	-7	39	-91
61	NBCC ENGINEERING AND CONSULTANCY LTD.	-209	-17	-8
62	rites INFRASTRUCTURE SERVICES LTD.	-10	-10	-42
63	TCIL BINA TOLL ROAD LTD.	-511	-1046	-1043
64	TCIL LAKHNADONE TOLL ROAD LTD.	-159	-464	-4
	SUB TOTAL :	-1324	-1294	-1810
	HOTEL AND TOURIST SERVICES			
65	DONYI POLO ASHOK HOTEL LTD.	-129	-5	1
66	HOTEL CORPN. OF INDIA LTD.	-5637	-5957	-5776
67	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-215	-197	-168
68	UTKAL ASHOK HOTEL CORPN. LTD.	-78	-71	-197
	SUB TOTAL :	-6059	-6230	-6140
	FINANCIAL SERVICES			
69	INDIA INFRASTRUCTURE FINANCE CO. LTD.	-115461	6790	46850
	SUB TOTAL :	-115461	6790	46850
	TELECOMMUNICATION & INFORMATION TECHNOLOGY			
70	BHARAT SANCHAR NIGAM LTD.	-799285	-479321	-485916
71	MAHANAGAR TELEPHONE NIGAM LTD.	-297303	-294108	-194755
	SUB TOTAL :	-1096588	-773429	-680671
	GRAND TOTAL :	-3126082	-2586431	-2234441

STATEMENT - 5
CASH LOSS (-) OF LOSS MAKING CPSEs DURING 2017-18

(₹in Lakhs)

S.No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
AGRO BASED INDUSTRIES				
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV. CORP.LTD	-4947	-4947	-4947
2	HPCL BIOFUELS LTD.	-5028	-313	-3401
SUB TOTAL :		-9975	-5260	-8348
COAL				
3	BHARAT COKING COAL LTD.	-111519	9282	83045
4	EASTERN COALFIELDS LTD.	-48718	33002	101636
5	WESTERN COALFIELDS LTD.	-133822	-40771	66930
SUB TOTAL :		-294059	1513	251611
CRUDE OIL				
6	BHARAT PETRO RESOURCES LTD.	-10739	-15615	-1651
7	PRIZE PETROLEUM COMPANY LTD.	-142	-1479	-4870
SUB TOTAL :		-10881	-17094	-6521
OTHER MINERALS & METALS				
8	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-23796	1141	1778
9	THE BISRA STONE LIME COMPANY LTD.	-1049	-1751	-1641
SUB TOTAL :		-24845	-610	137
STEEL				
10	RASHTRIYA ISPAT NIGAM LTD.	-59075	-60430	-123806
SUB TOTAL :		-59075	-60430	-123806
FERTILIZERS				
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-11337	-24138	-43406
12	MADRAS FERTILIZERS LTD.	-2280	2490	-17139
SUB TOTAL :		-13617	-21648	-60545
CHEMICALS & PHARMACEUTICALS				
13	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-385	709	-556
14	HINDUSTAN ORGANIC CHEMICALS LTD.	-19266	-24297	-14941
15	HLL BIOTECH LTD.	-2821	-440	-543
16	IDPL (TAMILNADU) LTD.	-218	-218	-50
17	INDIAN DRUGS & PHARMACEUTICALS LTD.	-16782	-15226	-16495
18	INDIAN VACCINE CORP. LTD.	-118	17	-165
19	ONGC MANGALORE PETROCHEMICALS LTD.	-15234	-5999	-34630
20	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-491	-491	-491
SUB TOTAL :		-55315	-45945	-67871
HEAVY & MEDIUM ENGINEERING				
21	BEL-THALES SYSTEMS LTD.	-242	-69	-240
22	BHARAT PUMPS & COMPRESSORS LTD.	-7891	-7891	-6991
23	BHARAT WAGON & ENGG. CO. LTD.	-1347	-1347	-1368
24	BHEL ELECTRICAL MACHINES LTD.	-508	-329	-202
25	BURN STANDARD COMPANY LTD.	-3112	-3112	-2585

S.No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
26	HMT BEARINGS LTD.	-138	-366	-793
27	HMT LTD.	-691	-23917	-1687
28	HMT MACHINE TOOLS LTD.	-11955	-11749	-9701
29	HMT WATCHES LTD.	-849	-20356	-15508
30	INSTRUMENTATION LTD.	-8311	-8311	-16563
31	NAINI AEROSPACE LTD.	-1051	-167	0
32	SCOOTERS INDIA LTD.	-1687	-741	737
SUB TOTAL :		-37782	-78355	-54901
INDUSTRIAL AND CONSUMER GOODS				
33	HINDUSTAN NEWSPRINT LTD.	-9414	-5320	-3688
34	HINDUSTAN PAPER CORPORATION LTD.	-35955	-35955	-35955
35	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-288575	-288575	-249650
36	HLL LIFECARE LTD.	-1824	1323	6366
37	HOOGHLY PRINTING COMPANY LTD.	-341	-23	39
38	NAGALAND PULP & PAPER COMPANY LTD.	-1714	-1714	-1714
SUB TOTAL :		-337823	-330264	-284602
TEXTILES				
39	BIRDS JUTE & EXPORTS LTD.	-483	-483	-462
40	BRITISH INDIA CORPORATION LTD.	-10455	-10455	-9712
41	NATIONAL TEXTILE CORPN. LTD.	-24661	110982	17043
SUB TOTAL :		-35599	100044	6869
POWER TRANSMISSION				
42	POWERGRID NM TRANMISSION LTD.	-4048	-28	0
SUB TOTAL :		-4048	-28	0
TRADING & MARKETING				
43	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-2076	105	118
44	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-2150	-3001	-977
45	NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	-573	-573	-573
46	P E C LTD.	-5672	-9256	-114171
47	STCL LTD.	-65619	-56192	-47970
SUB TOTAL :		-76090	-68917	-163573
TRANSPORT AND LOGISTIC SERVICES				
48	AIR INDIA ENGINEERING SERVICES LTD.	-46406	-46406	-39045
49	AIR INDIA LTD.	-367036	-467920	-196900
50	AIRLINE ALLIED SERVICES LTD.	-24322	-28733	-19866
51	FRESH & HEALTHY ENTERPRISES LTD.	-559	-844	-2054
52	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-220	9	0
53	SIDCUL CONCOR INFRA COMPANY LTD.	-424	-794	289
SUB TOTAL :		-438967	-544688	-257576
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES				
54	BROADCAST ENGG. CONSULTANTS INDIA LTD.	-227	443	-431

(₹in Lakhs)

S.No.	Cognate Group / CPSE	2017-18	2016-17	2015-16
55	IRCON SHIVPURI GUNA TOLLWAY LTD.	-7	39	46
56	NBCC ENGINEERING AND CONSULTANCY LTD.	-207	-17	-8
57	BITES INFRASTRUCTURE SERVICES LTD.			-28
58	TCIL BINA TOLL ROAD LTD.	-290	-845	-861
59	TCIL LAKHNADONE TOLL ROAD LTD.	-38	-413	-4
SUB TOTAL :		-770	-794	-1286
HOTEL AND TOURIST SERVICES				
60	DONYI POLO ASHOK HOTEL LTD.	-123	4	10
61	HOTEL CORPN. OF INDIA LTD.	-5309	-5734	-5536
62	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-202	-191	-161
63	UTKAL ASHOK HOTEL CORPN. LTD.	-76	-69	-195
SUB TOTAL :		-5710	-5990	-5882
FINANCIAL SERVICES				
64	INDIA INFRASTRUCTURE FINANCE CO. LTD.	-115293	6908	46876
SUB TOTAL :		-115293	6908	46876
TELECOMMUNICATION & INFORMATION TECHNOLOGY				
65	BHARAT SANCHAR NIGAM LTD.	-216127	153721	234644
66	MAHANAGAR TELEPHONE NIGAM LTD.	-194435	-185345	-79596
SUB TOTAL :		-410562	-31624	155048
GRAND TOTAL :		-1930411	-1103182	-574370

STATEMENT - 6
CPSE WISE NET PROFIT / LOSS(-) OF 'TAKEN OVER' SICK CPSEs

(₹ in Lakhs)

S. No.	CPSE	Net Profit / Loss		
		2017-18	2016-17	2015-16
1	ANDREW YULE & COMPANY LTD.	1712	3260	835
2	BALMER LAWRIE & CO. LTD.	18482	17042	16435
3	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1006	451	-913
4	BHARAT WAGON & ENGG. CO. LTD.	-1434	-1434	-1526
5	BIRDS JUTE & EXPORTS LTD.	-485	-485	-464
6	BRAITHWAITE & CO. LTD.	260	-895	64
7	BRIDGE & ROOF CO.(INDIA) LTD.	1657	1825	265
8	BRITISH INDIA CORPORATION LTD.	-10498	-10498	-9724
9	BURN STANDARD COMPANY LTD.	-3351	-3351	-2837
10	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	853	853	-289
11	HOOGHLY DOCK AND PORT ENGINEERS LTD.	971	4146	-1980
12	HOOGHLY PRINTING COMPANY LTD.	-354	-35	13
13	NATIONAL TEXTILE CORPN. LTD.	-30694	97316	500
14	RICHARDSON & CRUDDAS(1972) LTD.	1494	1494	-1006
	TOTAL :	-20381	109689	-627

STATEMENT - 7
INVESTMENT (FINANCIAL) IN CENTRAL GOVERNMENT ENTERPRISES UNDER DIFFER-
ENT MINISTRIES/DEPTTS. AS ON 31.3.2018

(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
MINISTRY OF AGRICULTURE AND FARMERS WELFARE						
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE						
1	NATIONAL SEEDS CORPN. LTD.	5732	0	71	0	5803
SUB TOTAL :		5732	0	71	0	5803
MINISTRY OF AGRICULTURE AND FARMERS WELFARE						
D/O AGRICULTURE RESEARCH AND EDUCATION						
2	AGRINNOVATE INDIA LTD.	5000	0	0	0	5000
SUB TOTAL :		5000	0	0	0	5000
MINISTRY OF AYUSH						
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5198	0	0	0	5198
SUB TOTAL :		5198	0	0	0	5198
MINISTRY OF CHEMICALS & FERTILIZERS						
D/O CHEMICALS & PETROCHEMICALS						
4	BRAHAMPUTRA CRACKERS & POLYMER LTD.	140280	1487	277522	0	419289
5	HIL (INDIA) LTD.	9133	0	983	0	10116
6	HINDUSTAN FLUOROCARBONS LIMITED	1961	0	336	0	2297
7	HINDUSTAN ORGANIC CHEMICALS LTD.	6727	0	24557	0	31284
SUB TOTAL :		158101	1487	303398	0	462986
MINISTRY OF CHEMICALS & FERTILIZERS						
D/O FERTILIZER						
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	36583	0	57275	0	93858
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	3000	0	0	0	3000
10	FERTILIZER CORPN. OF INDIA LTD.	75092	0	273	0	75365
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	64707	0	177049	0	241756
12	HINDUSTAN FERTILIZER CORPN. LTD.	68654	0	1176	0	69830
13	MADRAS FERTILIZERS LTD.	16214	0	10686	0	26900
14	NATIONAL FERTILIZERS LTD.	49058	0	11464	0	60522
15	PROJECTS & DEVELOPMENT INDIA LTD.	1730	0	0	0	1730
16	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	55169	0	32006	0	87175
SUB TOTAL :		370207	0	289929	0	660136
MINISTRY OF CHEMICALS & FERTILIZERS						
D/O PHARMACEUTICALS						

(₹in Lakhs)

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7696	0	21021	0	28717
18	HINDUSTAN ANTIBIOTICS LTD.	7172	0	10500	0	17672
19	IDPL (TAMILNADU) LTD.	2127	0	4465	0	6592
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	11688	0	561089	0	572777
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1349	0	1300	0	2649
22	ORISSA DRUGS & CHEMICALS LTD.	132	0	273	0	405
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	499	0	0	0	499
SUB TOTAL :		30663	0	598648	0	629311
MINISTRY OF CIVIL AVIATION						
24	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	2500	0	0	0	2500
25	AIR INDIA AIR TRANSPORT SERVICES LTD.	13842	0	0	0	13842
26	AIR INDIA ENGINEERING SERVICES LTD.	16667	0	66431	0	83098
27	AIR INDIA EXPRESS LTD.	78000	0	45998	0	123998
28	AIR INDIA LTD.	2869021	0	3022753	0	5891774
29	AIRLINE ALLIED SERVICES LTD.	40225	0	0	0	40225
30	AIRPORTS AUTHORITY OF INDIA	65656	0	3743	0	69399
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	96945	0	0	0	96945
32	HOTEL CORPN. OF INDIA LTD.	13760	0	0	0	13760
33	PAWAN HANS LTD.	55748	0	1928	0	57676
SUB TOTAL :		3252364	0	3140853	0	6393217
MINISTRY OF COAL						
34	BHARAT COKING COAL LTD.	211800	0	217678	0	429478
35	CENTRAL COALFIELDS LTD.	94000	0	0	0	94000
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3808	0	0	0	3808
37	CHHATTISGARH EAST RAILWAYS LTD.	30600	0	83886	0	114486
38	CHHATTISGARH EAST-WEST RAILWAYS LTD.	50406	0	5403	0	55809
39	COAL INDIA LTD.	620741	0	0	0	620741
40	EASTERN COALFIELDS LTD.	221845	0	169217	0	391062
41	JHARKHAND CENTRAL RAILWAY LTD.	5000	0	0	0	5000
42	MAHANADI BASIN POWER LTD.	5	0	0	0	5
43	MAHANADI COAL RAILWAY LTD.	5	0	0	0	5
44	MAHANADI COALFIELDLS LTD.	70613	0	650	0	71263
45	MJSJ COAL LTD.	9510	0	33	0	9543
46	MNH SHAKTI LTD.	8510	0	0	0	8510
47	NEYVELI UTTAR PRADESH POWER LTD	90440	0	0	0	90440

(₹in Lakhs)

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
48	NLC INDIA LTD.	152857	0	605029	0	757886
49	NLC TAMIL NADU POWER LTD.	218804	0	333005	0	551809
50	NORTHERN COALFIELDS LTD.	68280	0	0	0	68280
51	SOUTH EASTERN COALFIELDS LTD.	71706	0	0	0	71706
52	WESTERN COALFIELDS LTD.	29710	0	0	0	29710
SUB TOTAL :		1958640	0	1414901	0	3373541
MINISTRY OF COMMERCE & INDUSTRY						
D/O COMMERCE						
53	E. C. G. C. LTD.	150000	0	0	0	150000
54	INDIA TRADE PROMOTION ORGANISATION	25	0	0	0	25
55	KARNATAKA TRADE PROMOTION ORGANISATION	2000	0	0	0	2000
56	M M T C LTD.	10000	0	0	0	10000
57	P E C LTD.	6000	0	0	0	6000
58	STATE TRADING CORPN. OF INDIA LTD.	6000	0	0	0	6000
59	STCL LTD.	150	0	0	0	150
60	TAMIL NADU TRADE PROMOTION ORGANISATION	1	0	0	0	1
SUB TOTAL :		174176	0	0	0	174176
MINISTRY OF COMMERCE & INDUSTRY						
D/O INDUSTRIAL POLICY & PROMOTION						
61	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	8000	0	0	0	8000
SUB TOTAL :		8000	0	0	0	8000
MINISTRY OF COMMUNICATION						
D/O TELECOMMUNICATIONS						
62	BHARAT BROADBAND NETWORK LTD.	6000	0	0	0	6000
63	BHARAT SANCHAR NIGAM LTD.	500000	0	1836129	0	2336129
64	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0
65	I T I LTD.	76000	13700	30000	0	119700
66	MAHANAGAR TELEPHONE NIGAM LTD.	63000	0	1029271	0	1092271
67	MILLENNIUM TELECOM LTD.	288	0	0	0	288
68	TCIL BINA TOLL ROAD LTD.	1957	0	12122	0	14079
69	TCIL LAKHNADONE TOLL ROAD LTD.	2311	0	6976	0	9287
70	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5920	0	3167	0	9087
SUB TOTAL :		655476	13700	2917665	0	3586841
MINISTRY OF COMSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION						
D/O FOOD & PUBLIC DISTRIBUTION						
71	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	4056	0	1458	0	5514
72	CENTRAL WAREHOUSING CORPN.	6802	0	0	0	6802
73	FOOD CORPN. OF INDIA	288458	0	1300000	0	1588458
SUB TOTAL :		299316	0	1301458	0	1600774

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF DEFENCE						
D/O DEFENCE PRODUCTION						
74	BEL OPTRONICS DEVICES LTD.	6631	0	2114	0	8745
75	BEL-THALES SYSTEMS LTD.	5762	0	0	0	5762
76	BEML LTD.	4177	0	30449	0	34626
77	BHARAT DYNAMICS LTD.	18328	0	0	0	18328
78	BHARAT ELECTRONICS LTD.	24366	0	3333	0	27699
79	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	11455	0	0	0	11455
80	GOA SHIPYARD LTD.	5820	0	0	0	5820
81	HINDUSTAN AERONAUTICS LTD.	33439	0	10000	0	43439
82	HINDUSTAN SHIPYARD LTD.	30199	0	37221	0	67420
83	INDO RUSSIAN HELICOPTERS LTD.	0	0	0	0	0
84	MAMC INDUSTRIES LTD.	0	0	0	0	0
85	MAZAGON DOCK SHIPBUILDERS LTD.	22410	0	0	0	22410
86	MISHRA DHATU NIGAM LTD.	18734	0	92	0	18826
87	NAINI AEROSPACE LTD.	3000	0	0	0	3000
88	VIGNYAN INDUSTRIES LTD.	279	0	0	0	279
SUB TOTAL :		184600	0	83209	0	267809
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION						
89	NORTH EASTERN HANDICRAFTS & HAND-LOOM DEV.CORPN. LTD.	850	0	1201	0	2051
90	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	762	0	2006	0	2768
SUB TOTAL :		1612	0	3207	0	4819
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY						
91	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	200	0	0	0	200
SUB TOTAL :		200	0	0	0	200
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE						
92	ANDAMAN & NICOBAR ISL. FOREST & PLANT. DEV.CORPLTD	359	0	31541	0	31900
SUB TOTAL :		359	0	31541	0	31900
MINISTRY OF FINANCE						
D/O ECONOMIC AFFAIRS						
93	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	106424	0	0	0	106424
SUB TOTAL :		106424	0	0	0	106424

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF FINANCE						
D/O FINANCIAL SERVICES						
94	IIFCL ASSET MANAGEMENT COMPANY LTD.	1250	0	0	0	1250
95	IIFCL PROJECTS LTD.	475	0	0	0	475
96	INDIA INFRASTRUCTURE FINANCE CO. LTD.	410232	0	3053768	0	3464000
SUB TOTAL :		411957	0	3053768	0	3465725
MINISTRY OF HEALTH & FAMILY WELFARE						
DEPARTMENT OF HEALTH AND FAMILY WELFARE						
97	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1902	0	127	0	2029
98	HLL BIOTECH LTD.	27489	0	24397	0	51886
99	HLL INFRA TECH SERVICES LTD.	50	0	0	0	50
100	HLL LIFECARE LTD.	29041	0	8093	0	37134
101	HLL MEDIPARK LTD	10	0	488	0	498
102	HLL MOTHER & CHILD CARE HOSPITALS LTD.	1	0	0	0	1
103	HSCC (INDIA) LTD.	180	0	0	0	180
SUB TOTAL :		58673	0	33105	0	91778
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES						
D/O HEAVY INDUSTRIES						
104	ANDREW YULE & COMPANY LTD.	9779	0	2	0	9781
105	BHARAT HEAVY ELECTRICALS LTD.	73428	0	5718	0	79146
106	BHARAT PUMPS & COMPRESSORS LTD.	5353	0	7944	0	13297
107	BHEL ELECTRICAL MACHINES LTD.	1050	0	0	0	1050
108	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	12086	0	327	0	12413
109	BRIDGE & ROOF CO.(INDIA) LTD.	5499	0	0	0	5499
110	CEMENT CORPN. OF INDIA LTD.	81141	0	15090	0	96231
111	ENGINEERING PROJECTS (INDIA) LTD.	3542	0	0	0	3542
112	HEAVY ENGINEERING CORPN. LTD.	60608	0	958	0	61566
113	HINDUSTAN CABLES LTD.	41936	475556	1479	0	518971
114	HINDUSTAN NEWSPRINT LTD.	10000	0	900	0	10900
115	HINDUSTAN PAPER CORPORATION LTD.	81730	1800	26353	0	109883
116	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	20687	0	23752	0	44439
117	HINDUSTAN SALTS LTD.	5206	0	280	0	5486
118	HMT (INTERNATIONAL) LTD.	72	0	0	0	72
119	HMT BEARINGS LTD.	3771	0	0	0	3771
120	HMT CHINAR WATCHES LTD.	166	0	0	0	166
121	HMT LTD.	120409	0	32036	0	152445
122	HMT MACHINE TOOLS LTD.	27660	0	5289	0	32949
123	HMT WATCHES LTD.	649	0	0	0	649
124	HOOGHLY PRINTING COMPANY LTD.	102	0	0	0	102

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
125	INSTRUMENTATION LTD.	2405	12201	0	0	14606
126	JAGDISHPUR PAPER MILLS LTD.	5	1800	0	0	1805
127	NAGALAND PULP & PAPER COMPANY LTD.	6662	10350	1509	0	18521
128	NEPA LTD.	58471	0	1729	0	60200
129	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1225	0	208	0	1433
130	RICHARDSON & CRUDDAS(1972) LTD.	15661	0	579	0	16240
131	SAMBHAR SALTS LTD.	100	0	760	0	860
132	SCOOTERS INDIA LTD.	8538	0	989	0	9527
133	TUNGABHADRA STEEL PRODUCTS LTD.	844	0	0	0	844
134	YULE ELECTRICAL LTD.	5	0	0	0	5
135	YULE ENGINEERING COMPANY LTD.	5	0	0	0	5
SUB TOTAL :		658795	501707	125902	0	1286404
MINISTRY OF HOME AFFAIRS						
136	DELHI POLICE HOUSING CORPORATION LTD.	500	0	0	0	500
SUB TOTAL :		500	0	0	0	500
MINISTRY OF HOUSING & URBAN AFFAIRS						
137	HINDUSTAN PREFAB LTD.	13477	0	0	0	13477
138	HINDUSTAN STEELWORKS COSTN. LTD.	7000	0	2309	0	9309
139	HOUSING & URBAN DEV. CORPN. LTD.	200190	0	2863798	0	3063988
140	NBCC (INDIA) LTD.	18000	0	0	0	18000
141	NBCC ENGINEERING AND CONSULTANCY LTD.	100	0	0	0	100
142	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0	0	0
143	NBCC INTERNATIONAL LTD.	0	0	0	0	0
144	NBCC SERVICES LTD.	200	0	0	0	200
SUB TOTAL :		238967	0	2866107	0	3105074
MINISTRY OF HUMAN RESOURCE DEVELOPMENT						
D/O HIGHER EDUCATION						
145	EdCIL(India) Ltd.	200	0	0	0	200
SUB TOTAL :		200	0	0	0	200
MINISTRY OF INFORMATION & BROADCASTING						
146	BROADCAST ENGG. CONSULTANTS INDIA LTD.	137	0	0	0	137
147	NATIONAL FILM DEV. CORPN. LTD.	4540	0	60	0	4600
SUB TOTAL :		4677	0	60	0	4737
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES						
148	NATIONAL SMALL INDUSTRIES CORPN. LTD.	53299	0	5410	0	58709
SUB TOTAL :		53299	0	5410	0	58709

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF MINES						
149	HINDUSTAN COPPER LTD.	46261	0	15291	0	61552
150	MINERAL EXPLORATION CORPN. LTD.	11955	0	0	0	11955
151	NATIONAL ALUMINIUM COMPANY LTD.	96646	0	0	0	96646
SUB TOTAL :		154862	0	15291	0	170153
MINISTRY OF MINORITIES AFFAIRS						
152	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	179560	100	0	0	179660
SUB TOTAL :		179560	100	0	0	179660
MINISTRY OF NEW AND RENEWABLE ENERGY						
153	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	78460	0	1439472	0	1517932
154	SOLAR ENERGY CORPORATION OF INDIA	35400	0	0	0	35400
SUB TOTAL :		113860	0	1439472	0	1553332
MINISTRY OF PETROLEUM & NATURAL GAS						
155	BALMER LAWRIE & CO. LTD.	11400	0	1116	0	12516
156	BALMER LAWRIE INVESTMENTS LTD.	2220	0	0	0	2220
157	BHARAT PETRO RESOURCES JPDA	6000	0	0	0	6000
158	BHARAT PETRO RESOURCES LTD.	444800	0	84181	0	528981
159	BHARAT PETROLEUM CORPN. LTD.	196688	0	1475822	0	1672510
160	BPCL-KIAL FUEL PVT. LTD.	600	0	0	0	600
161	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	100	0	0	0	100
162	CHENNAI PETROLEUM CORPORATION LTD.	14901	0	82590	0	97491
163	ENGINEERS INDIA LTD.	31596	0	0	0	31596
164	GAIL (INDIA) LTD.	225507	0	97612	0	323119
165	GAIL GAS LTD.	87700	15000	13812	0	116512
166	HINDUSTAN PETROLEUM CORPN. LTD.	152421	0	883078	0	1035499
167	HPCL BIOFUELS LTD.	20552	0	42696	0	63248
168	HPCL RAJASTHAN REFINERY LTD.	25505	0	963	0	26468
169	INDIAN CATALYST PVT. LTD.	1593	0	0	0	1593
170	INDIAN OIL CORPORATION LTD.	947869	0	1871760	0	2819629
171	MANGALORE REFINERY & PETROCHEMICALS LTD.	175267	0	149948	0	325215
172	NUMALIGARH REFINERY LTD.	73563	0	16261	0	89824
173	OIL & NATURAL GAS CORPORATION LTD.	641663	0	0	0	641663
174	OIL INDIA INTERNATIONAL LTD.	10000	0	0	0	10000
175	OIL INDIA LTD.	75660	0	736556	0	812216

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
176	ONGC MANGALORE PETROCHEMICALS LTD.	187763	0	297920	0	485683
177	ONGC VIDESH LTD.	1500000	0	4205195	0	5705195
178	PETRONET CCK LTD.	10000	0	0	0	10000
179	PRIZE PETROLEUM COMPANY LTD.	24500	0	0	0	24500
180	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	13507	0	0	0	13507
SUB TOTAL :		4881375	15000	9959510	0	14855885
MINISTRY OF POWER						
181	BALLABGARH - GN TRANSMISSION CO. LTD.	5	0	0	0	5
182	BHARTIYA RAIL BIJLEE CO. LTD.	216153	0	497994	0	714147
183	BIHAR INFRAPOWER LTD.	5	0	3	0	8
184	BIHAR MEGA POWER LTD.	5	0	4000	0	4005
185	BIJAWAR-VIDARBHA TRANSMISSION LTD	1	0	0	0	1
186	BUNDELKHAND SAUR URJA LTD.	400	0	1733	0	2133
187	CHANDIL TRANSMISSION LTD.	0	0	0	0	0
188	CHEYYUR INFRA LTD.	5	0	6	0	11
189	CHHATTISHGARH SURGUJA POWER LTD.	5	0	0	0	5
190	COASTAL KARNATAKA POWER LTD.	5	0	165	0	170
191	COASTAL MAHARASHTRA MEGA POWER LTD.	5	0	4000	0	4005
192	COASTAL TAMIL NADU POWER LTD.	5	0	16893	0	16898
193	DEOGHAR INFRA LTD.	5	0	25	0	30
194	DEOGHAR MEGA POWER LTD.	5	0	1300	0	1305
195	DINGCHANG TRANSMISSION LTD.	5	0	0	0	5
196	DUMKA TRANSMISSION LTD.	0	0	0	0	0
197	GHATAMPUR TRANSMISSION LTD.	5	0	0	0	5
198	GHOARPALLI INTEGRATED POWER COMPANY LTD.	5	0	2507	0	2512
199	GRID CONDUCTOR LTD.	0	0	0	0	0
200	JHARKHAND INFRAPOWER LTD.	5	0	4	0	9
201	KANTI BIJLEE UTPADAN NIGAM LTD.	143567	0	242493	0	386060
202	KODERMA TRANSMISSION LTD.	0	0	0	0	0
203	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	11769	0	0	0	11769
204	MANDAR TRANSMISSION LTD.	0	0	0	0	0
205	MEDINIPUR-JEERAT TRANSMISSION LTD.	1	0	25257	0	25258
206	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	5	0	0	0	5
207	NHDC LTD.	196258	0	0	0	196258
208	NHPC LTD.	1025932	0	1672820	0	2698752
209	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	345281	9600	630907	0	985788
210	NTPC ELECTRIC SUPPLY COMPANY LTD.	8	0	0	0	8

(₹in Lakhs)

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
211	NTPC LTD.	824546	0	10869760	0	11694306
212	NTPC VIDYUT VYAPAR NIGAM LTD.	2000	0	0	0	2000
213	ODISHA INFRAPOWER LTD.	5	0	24	0	29
214	ORISSA INTEGRATED POWER LTD.	5	0	106914	0	106919
215	PATRATU VIDYUT UTPADAN NIGAM LTD.	12449	4324	87435	0	104208
216	PFC CAPITAL ADVISORY SERVICE LTD.	10	0	0	0	10
217	PFC CONSULTING LTD.	5	0	0	0	5
218	PFC GREEN ENERGY LTD.	30000	0	0	0	30000
219	POWER GRID MITHILANCHAL TRANSMISSION LTD.	5	0	0	0	5
220	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0
221	POWER FINANCE CORPORATION LTD.	264008	0	19149868	0	19413876
222	POWER GRID CORPORATION OF INDIA LTD.	523159	0	12242032	0	12765191
223	POWER GRID JABALPUR TRANSMISSION LTD.	15	0	96700	0	96715
224	POWER GRID PARLI TRANSMISSION LTD.	10	0	147659	0	147669
225	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	5	0	182362	0	182367
226	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0	0	0
227	POWER GRID WARORA TRANSMISSION LTD.	17630	0	165787	0	183417
228	POWER SYSTEM OPERATION CORPORATION LTD.	3064	0	43	0	3107
229	POWERGRID KALA AMB TRANSMISSION LTD.	5600	0	24684	0	30284
230	POWERGRID NM TRANSMISSION LTD.	21200	0	92150	0	113350
231	POWERGRID UNCHAHAR TRANSMISSION LTD.	1296	0	4850	0	6146
232	POWERGRID VIZAG TRANSMISSION LTD.	20973	0	88843	0	109816
233	REC POWER DISTRIBUTION CO. LTD.	5	0	66	0	71
234	REC TRANSMISSION PROJECTS CO. LTD.	5	0	0	0	5
235	RURAL ELECTRIFICATION CORPN. LTD.	197492	0	1609493	0	16292435
236	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	5	0	2123	0	2128
237	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	1	0	0	0	1
238	SJVN LTD.	392980	0	203534	0	596514
239	SJVN THERMAL PVT. LTD.	43668	0	0	0	43668
240	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	0	5
241	TANDA TRANSMISSION COMPANY LTD.	5	0	0	0	5
242	TATIYA ANDHRA MEGA POWER LTD.	5	0	0	0	5
243	THDC INDIA LTD.	362743	345	241530	0	604618
244	WR-NR POWER TRANSMISSION LTD	5	0	0	0	5
SUB TOTAL :		4662349	14269	62901414	0	67578032

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
MINISTRY OF RAILWAYS						
245	BHARAT WAGON & ENGG. CO. LTD.	7585	0	2418	0	10003
246	BRAITHWAITE & CO. LTD.	3342	0	1039	0	4381
247	BURN STANDARD COMPANY LTD.	18463	0	3991	0	22454
248	CONCOR AIR LTD.	3665	0	0	0	3665
249	CONTAINER CORPORATION OF INDIA LTD.	24372	0	0	0	24372
250	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	765827	311045	1001202	0	2078074
251	FRESH & HEALTHY ENTERPRISES LTD.	14567	0	0	0	14567
252	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	11	0	0	0	11
253	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	4000	0	0	0	4000
254	INDIAN RAILWAY FINANCE CORPORATION LTD.	652646	0	11485413	0	12138059
255	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	5	0	0	0	5
256	IRCON INFRASTRUCTURE & SERVICES LTD.	6500	0	0	0	6500
257	IRCON INTERNATIONAL LTD.	9405	0	320308	0	329713
258	IRCON PB TOLLWAY LTD.	16500	0	24085	0	40585
259	IRCON SHIVPURI GUNA TOLLWAY LTD.	15000	0	52583	0	67583
260	KOLKATA METRO RAIL CORPORATION LTD.	137722	2578	243533	0	383833
261	KONKAN RAILWAY CORPORATION LTD.	510917	1860	175000	0	687777
262	MUMBAI RAILWAY VIKAS CORPORATION LTD.	2500	0	0	0	2500
263	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	19851	0	6200	0	26051
264	RAIL VIKAS NIGAM LTD.	208502	0	225915	0	434417
265	RAILTEL CORPORATION INDIA LTD.	32094	0	0	0	32094
266	RAILTEL ENTERPRISES LTD.	1000	0	0	0	1000
267	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	7000	0	4765	0	11765
268	RITES INFRASTRUCTURE SERVICES LTD.	5	0	0	0	5
269	RITES LTD.	20000	0	0	0	20000
270	SIDCUL CONCOR INFRA COMPANY LTD.	9948	0	0	0	9948
SUB TOTAL :		2491427	315483	13546452	0	16353362
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS						
271	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	200	0	0	0	200
SUB TOTAL :		200	0	0	0	200
MINISTRY OF SCIENCE & TECHNOLOGY						
DEPT. OF BIOTECHNOLOGY						
272	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	4318	0	0	0	4318
273	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	100	0	0	0	100

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
274	INDIAN VACCINE CORP. LTD.	1879	0	0	0	1879
SUB TOTAL :		6297	0	0	0	6297
MINISTRY OF SCIENCE & TECHNOLOGY						
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH						
275	CENTRAL ELECTRONICS LTD.	6722	0	1130	0	7852
276	NATIONAL RESEARCH DEVELOPMENT CORPN.	442	0	0	0	442
SUB TOTAL :		7164	0	1130	0	8294
MINISTRY OF SHIPPING						
277	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	13048	0	0	0	13048
278	COCHIN SHIPYARD LTD.	13594	0	12300	0	25894
279	DREDGING CORPN. OF INDIA LTD.	2800	0	67241	0	70041
280	HOOGLY DOCK AND PORT ENGINEERS LTD.	2861	0	1152	0	4013
281	HOOGLY COCHIN SHIPYARD LTD.	2200	0	0	0	2200
282	INLAND & COASTAL SHIPPING LTD.	5	0	0	0	5
283	KAMARAJAR PORT LTD.	30000	0	87126	0	117126
284	SAGARMALA DEVELOPMENT COMPANY LTD.	21500	0	0	0	21500
285	SETHUSAMUDRAM CORPN. LTD.	74500	0	0	0	74500
286	SHIPPING CORPORATION OF INDIA LTD.	46581	0	330657	0	377238
SUB TOTAL :		207089	0	498476	0	705565
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT						
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY						
287	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5410	0	0	0	5410
288	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	36195	1637	0	0	37832
SUB TOTAL :		41605	1637	0	0	43242
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT						
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT						
289	NATIONAL BACKWARD CLASSES FINANCE & DEVPCO.	121400	0	0	0	121400
290	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	59999	0	0	0	59999
291	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	134801	0	0	0	134801
SUB TOTAL :		316200	0	0	0	316200
MINISTRY OF STEEL						
292	CHHATTISGARH MEGA STEEL CO. LTD.	5	0	0	0	5
293	EASTERN INVESTMENT LTD.	144	0	0	0	144
294	FERRO SCRAP NIGAM LTD.	3200	0	0	0	3200
295	J & K MINERAL DEVELOPMENT CORPN. LTD.	2974	0	0	0	2974

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
296	JHARKHAND KOLHAN STEEL LTD.	1	0	0	0	1
297	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	1	0	0	0	1
298	KARNATAKA VIJAY NAGAR STEEL LTD.	1	0	0	0	1
299	KIOCL LTD.	63451	0	0	0	63451
300	M S T C LTD.	3520	0	0	0	3520
301	MECON LTD.	4014	0	0	0	4014
302	MOIL LTD.	25761	0	0	0	25761
303	NMDC Ltd.	31639	0	0	0	31639
304	NMDC POWER LTD.	55	0	0	0	55
305	NMDC STEEL LTD.	1	0	0	0	1
306	NMDC-CMDC LTD.	19284	0	0	0	19284
307	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	60	0	0	0	60
308	RASHTRIYA ISPAT NIGAM LTD.	488985	0	654516	0	1143501
309	SAIL REFRACTORY COMPANY LTD.	10	0	0	0	10
310	STEEL AUTHORITY OF INDIA LTD.	413053	0	2977716	0	3390769
311	THE BISRA STONE LIME COMPANY LTD.	8729	0	601	0	9330
SUB TOTAL :		1064888	0	3632833	0	4697721
MINISTRY OF TEXTILES						
312	BIRDS JUTE & EXPORTS LTD.	40	0	2549	0	2589
313	BRITISH INDIA CORPORATION LTD.	3171	0	8555	0	11726
314	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1085	0	80	0	1165
315	COTTON CORPN. OF INDIA LTD.	2500	0	0	0	2500
316	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1382	0	462	0	1844
317	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1900	0	0	0	1900
318	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5580	0	42987	0	48567
319	NATIONAL TEXTILE CORPN. LTD.	306216	0	0	0	306216
320	THE JUTE CORPN. OF INDIA LTD.	500	0	0	0	500
SUB TOTAL :		322374	0	54633	0	377007
MINISTRY OF TOURISM						
321	DONYI POLO ASHOK HOTEL LTD.	100	0	0	0	100
322	INDIA TOURISM DEV. CORPN. LTD.	8577	0	0	0	8577
323	KUMARAKRUPPA FRONTIER HOTELS LTD.	97	0	2326	0	2423
324	PONDICHERRY ASHOK HOTEL CORPN. LTD.	160	0	0	0	160
325	PUNJAB ASHOK HOTEL COMPANY LTD.	250	0	73	0	323
326	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	490	0	0	0	490

(₹ in Lakhs)

S. No.	Ministry / Deptt. / CPSE	Paid-up Capital	Share Application Money	Loans	Money Received against Share Warrants	Total
327	UTKAL ASHOK HOTEL CORPN. LTD.	130	0	350	0	480
SUB TOTAL :		9804	0	2749	0	12553
MINISTRY OF TRIBAL AFFAIRS						
328	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	61890	0	0	0	61890
SUB TOTAL :		61890	0	0	0	61890
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION						
329	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9453	0	0	0	9453
330	WAPCOS LTD.	10000	0	0	0	10000
SUB TOTAL :		19453	0	0	0	19453
DEPT. OF ATOMIC ENERGY						
331	ANUSHAKTI VIDHYUT NIGAM LTD.	10	0	0	0	10
332	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	458820	0	110708	0	569528
333	ELECTRONICS CORPN. OF INDIA LTD.	16337	0	0	0	16337
334	INDIAN RARE EARTHS LTD.	8637	0	19	0	8656
335	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	100	0	0	0	100
336	NPCIL - NALCO POWER COMPANY LTD.	10	0	0	0	10
337	NUCLEAR POWER CORPN. OF INDIA LTD.	1149124	0	3123192	0	4272316
338	URANIUM CORPORATION OF INDIA LTD.	181562	23900	0	0	205462
SUB TOTAL :		1814600	23900	3233919	0	5072419
DEPT. OF SPACE						
339	ANTRIX CORPORATION LTD.	680	0	0	0	680
SUB TOTAL :		680	0	0	0	680
GRAND TOTAL :		24998813	887283	111455111	0	137341207

STATEMENT - 8

DETAILS OF PARTICIPATION IN EQUITY OF PUBLIC ENTERPRISES BY DIFFERENT PARTIES AS ON 31.3.2018

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others(Indian)	Total
AGRO BASED INDUSTRIES									
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	359	0	0	0	0	0	0	359
2	HPCL BIOFUELS LTD.	0	0	20552	0	0	0	0	20552
3	NATIONAL SEEDS CORPN. LTD.	5732	0	0	0	0	0	0	5732
	SUB TOTAL :	6091	0	20552	0	0	0	0	26643
COAL									
4	BHARAT COKING COAL LTD.	0	0	211800	0	0	0	0	211800
5	CENTRAL COALFIELDS LTD.	0	0	94000	0	0	0	0	94000
6	COAL INDIA LTD.	487567	0	0	34814	80983	0	17377	620741
7	EASTERN COALFIELDS LTD.	0	0	221845	0	0	0	0	221845
8	MAHANADI COALFIELDS LTD.	0	0	70613	0	0	0	0	70613
9	NORTHERN COALFIELDS LTD.	0	0	68280	0	0	0	0	68280
10	SOUTH EASTERN COALFIELDS LTD.	0	0	71706	0	0	0	0	71706
11	WESTERN COALFIELDS LTD.	0	0	29710	0	0	0	0	29710
	SUB TOTAL :	487567	0	767954	34814	80983	0	17377	1388695
CRUDE OIL									
12	BHARAT PETRO RESOURCES LTD.	0	0	444800	0	0	0	0	444800
13	OIL & NATURAL GAS CORPORATION LTD.	434502	0	0	35351	85124	316	86370	641663
14	OIL INDIA LTD.	50037	0	0	3012	10280	0	12331	75660
15	ONGC VIDESH LTD.	0	0	1500000	0	0	0	0	1500000
16	PRIZE PETROLEUM COMPANY LTD.	0	0	24500	0	0	0	0	24500
	SUB TOTAL :	484539	0	1969300	38363	95404	316	98701	2686623
OTHER MINERALS & METALS									
17	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	3000	0	0	0	0	0	0	3000
18	HINDUSTAN COPPER LTD.	35179	0	0	32	711	0	10339	46261
19	INDIAN RARE EARTHS LTD.	8637	0	0	0	0	0	0	8637
20	J & K MINERAL DEVELOPMENT CORPN. LTD.	0	0	2851	0	0	0	123	2974
21	KIOCL LTD.	62814	0	0	0	31	0	606	63451
22	MOIL LTD.	14428	2495	0	963	3385	8	4482	25761
23	NATIONAL ALUMINIUM COMPANY LTD.	58186	0	0	0	10047	31	28382	96646
24	NMDC Ltd.	22916	0	0	0	6922	1	1800	31639
25	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	30	1	10	0	19	60
26	THE BISRA STONE LIME COMPANY LTD.	4334	0	4365	0	0	0	30	8729
27	URANIUM CORPORATION OF INDIA LTD.	181562	0	0	0	0	0	0	181562
	SUB TOTAL :	391056	2495	7246	996	21106	40	45781	468720
STEEL									
28	FERRO SCRAP NIGAM LTD.	0	0	3200	0	0	0	0	3200
29	MISHRA DHATU NIGAM LTD.	13863	0	0	0	3673	36	1162	18734
30	RASHTRIYA ISPAT NIGAM LTD.	488985	0	0	0	0	0	0	488985
31	STEEL AUTHORITY OF INDIA LTD.	309777	0	0	17516	68602	0	17158	413053
	SUB TOTAL :	812625	0	3200	17516	72275	36	18320	923972
PETROLEUM (REFINERY & MARKETING)									
32	BHARAT PETROLEUM CORPN. LTD.	117810	1867	0	43251	12827	456	20477	196688
33	CHENNAI PETROLEUM CORPORATION LTD.	0	0	7727	3983	1588	0	1603	14901
34	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	77882	0	55391	76	19072	152421
35	INDIAN OIL CORPORATION LTD.	553344	1080	0	60352	40973	0	292120	947869
36	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	125535	3379	5300	0	41053	175267
37	NUMALIGARH REFINERY LTD.	0	9082	45355	0	0	0	19126	73563
	SUB TOTAL :	671154	12029	256499	110965	116079	532	393451	1560709
FERTILIZERS									
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	36583	0	0	0	0	0	0	36583
39	FERTILIZER CORPN. OF INDIA LTD.	75092	0	0	0	0	0	0	75092
40	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	58236	259	0	0	1	0	6211	64707
41	HINDUSTAN FERTILIZER CORPN. LTD.	68654	0	0	0	0	0	0	68654
42	MADRAS FERTILIZERS LTD.	9585	0	0	4152	0	16	2461	16214
43	NATIONAL FERTILIZERS LTD.	36653	0	0	0	7857	0	4548	49058
44	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	41376	0	0	808	3119	0	9866	55169
	SUB TOTAL :	326179	259	0	4960	10977	16	23086	365477
CHEMICALS & PHARMACEUTICALS									
45	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7696	0	0	0	0	0	0	7696
46	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	2559	0	0	0	0	0	1759	4318
47	BRAHMAPUTRA CRACKERS & POLYMER LTD.	0	14028	98196	0	0	0	28056	140280
48	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	1407	0	0	0	495	1902
49	HIL (INDIA) LTD.	9133	0	0	0	0	0	0	9133

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others(Indian)	Total
50	HINDUSTAN ANTIBIOTICS LTD.	7172	0	0	0	0	0	0	7172
51	HINDUSTAN FLUOROCARBONS LIMITED	0	87	1106	32	0	6	730	1961
52	HINDUSTAN ORGANIC CHEMICALS LTD.	3948	0	0	0	0	0	2779	6727
53	HLL BIOTECH LTD.	0	0	27489	0	0	0	0	27489
54	IDPL (TAMILNADU) LTD.	0	0	2127	0	0	0	0	2127
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	11688	0	0	0	0	0	0	11688
56	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5100	98	0	0	0	0	0	5198
57	INDIAN VACCINE CORP. LTD.	1253	0	0	0	0	0	626	1879
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	798	551	0	0	0	0	0	1349
59	ONGC MANGALORE PETROCHEMICALS LTD.	0	0	95763	0	0	0	92000	187763
60	ORISSA DRUGS & CHEMICALS LTD.	0	0	67	0	65	0	0	132
61	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	255	244	0	0	0	0	0	499
SUB TOTAL :		49602	15008	226155	32	65	6	126445	417313
HEAVY & MEDIUM ENGINEERING									
62	BALMER LAWRIE & CO. LTD.	1	5	7045	484	13	0	3852	11400
63	BEL OPTRONICS DEVICES LTD.	0	0	6631	0	0	0	0	6631
64	BEL-THALES SYSTEMS LTD.	0	0	4264	288	0	0	1210	5762
65	BHARAT DYNAMICS LTD.	16083	0	0	0	0	5	2240	18328
66	BHARAT ELECTRONICS LTD.	16274	0	0	77	4831	0	3184	24366
67	BHARAT HEAVY ELECTRICALS LTD.	46304	0	0	9737	5986	28	11373	73428
68	BHARAT PUMPS & COMPRESSORS LTD.	5353	0	0	0	0	0	0	5353
69	BHARAT WAGON & ENGG. CO. LTD.	7585	0	0	0	0	0	0	7585
70	BHEL ELECTRICAL MACHINES LTD.	0	514	536	0	0	0	0	1050
71	BRAITHWAITE & CO. LTD.	3342	0	0	0	0	0	0	3342
72	BURN STANDARD COMPANY LTD.	18463	0	0	0	0	0	0	18463
73	CENTRAL ELECTRONICS LTD.	6722	0	0	0	0	0	0	6722
74	COCHIN SHIPYARD LTD.	10195	0	0	537	1398	5	1459	13594
75	ELECTRONICS CORPN. OF INDIA LTD.	16337	0	0	0	0	0	0	16337
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	11455	0	0	0	0	0	0	11455
77	GOA SHIPYARD LTD.	2973	0	0	0	0	0	2847	5820
78	HEAVY ENGINEERING CORPN. LTD.	60608	0	0	0	0	0	0	60608
79	HINDUSTAN AERONAUTICS LTD.	30086	0	0	0	2847	8	498	33439
80	HINDUSTAN CABLES LTD.	41769	0	0	0	167	0	0	41936
81	HINDUSTAN SHIPYARD LTD.	30199	0	0	0	0	0	0	30199
82	HMT BEARINGS LTD.	0	0	3747	24	0	0	0	3771
83	HMT CHINAR WATCHES LTD.	0	0	166	0	0	0	0	166
84	HMT LTD.	112805	0	0	12	4	0	7588	120409
85	HMT MACHINE TOOLS LTD.	0	0	27660	0	0	0	0	27660
86	HMT WATCHES LTD.	0	0	649	0	0	0	0	649
87	HOOGHLY DOCK AND PORT ENGINEERS LTD.	2861	0	0	0	0	0	0	2861
88	I T I LTD.	73089	31	0	0	0	0	2880	76000
89	INSTRUMENTATION LTD.	2405	0	0	0	0	0	0	2405
90	MAZAGON DOCK SHIPBUILDERS LTD.	22410	0	0	0	0	0	0	22410
91	NAINI AEROSPACE LTD.	0	0	3000	0	0	0	0	3000
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.625	0	0	0	0	0	600	0	1225
93	RICHARDSON & CRUDDAS(1972) LTD.	15661	0	0	0	0	0	0	15661
94	SAIL REFRACTORY COMPANY LTD.	0	0	10	0	0	0	0	10
95	SCOOTERS INDIA LTD.	8003	0	0	0	2	0	533	8538
96	TUNGABHADRA STEEL PRODUCTS LTD.	669	175	0	0	0	0	0	844
97	VIGNYAN INDUSTRIES LTD.	0	0	269	0	0	0	10	279
SUB TOTAL :		562277	725	53977	11159	15248	46	38274	681706
TRANSPORTATION VEHICLE & EQUIPMENT									
98	BEML LTD.	2250	0	0	17	16	0	1894	4177
SUB TOTAL :		2250	0	0	17	16	0	1894	4177
INDUSTRIAL AND CONSUMER GOODS									
99	ANDREW YULE & COMPANY LTD.	8728	0	0	0	0	0	1051	9779
100	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5410	0	0	0	0	0	0	5410
101	CEMENT CORPN. OF INDIA LTD.	81141	0	0	0	0	0	0	81141
102	HINDUSTAN NEWSPRINT LTD.	0	0	10000	0	0	0	0	10000
103	HINDUSTAN PAPER CORPORATION LTD.	71830	9900	0	0	0	0	0	81730
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	18618	0	150	0	1919	0	0	20687
105	HINDUSTAN SALTS LTD.	5206	0	0	0	0	0	0	5206
106	HLL LIFECARE LTD.	29041	0	0	0	0	0	0	29041
107	HOOGHLY PRINTING COMPANY LTD.	0	0	102	0	0	0	0	102
108	NAGALAND PULP & PAPER COMPANY LTD.	0	62	6600	0	0	0	0	6662
109	NEPA LTD.	55348	3054	0	0	0	0	69	58471
110	SAMBHAR SALTS LTD.	0	40	60	0	0	0	0	100
111	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	106424	0	0	0	0	0	0	106424
SUB TOTAL :		381746	13056	16912	0	1919	0	1120	414753
TEXTILES									
112	BIRDS JUTE & EXPORTS LTD.	0	0	26	0	4	0	10	40
113	BRITISH INDIA CORPORATION LTD.	3074	0	0	0	89	0	8	3171
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5580	0	0	0	0	0	0	5580

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others(Indian)	Total
115	NATIONAL TEXTILE CORPN. LTD.	305488	728	0	0	0	0	0	306216
	SUB TOTAL :	314142	728	26	0	93	0	18	315007
	POWER GENERATION								
116	BHARTIYA RAIL BIJLEE CO. LTD.	56200	0	159953	0	0	0	0	216153
117	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	104289	0	0	0	39278	143567
118	NHDC LTD.	0	96016	100242	0	0	0	0	196258
119	NHPC LTD.	758748	0	0	45434	34287	239	187224	1025932
120	NLC INDIA LTD.	128460	0	0	963	19339	94	4001	152857
121	NLC TAMIL NADU POWER LTD.	0	0	194736	0	0	0	24068	218804
122	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	345281	0	0	0	0	0	0	345281
123	NTPC LTD.	513483	0	0	94966	111471	0	104626	824546
124	NUCLEAR POWER CORPN. OF INDIA LTD.	1149124	0	0	0	0	0	0	1149124
125	PATRATU VIDYUT UTPADAN NIGAM LTD.	0	0	9212	0	0	0	3237	12449
126	SJVN LTD.	251226	105501	0	0	0	0	36253	392980
127	THDC INDIA LTD.	269249	93494	0	0	0	0	0	362743
	SUB TOTAL :	3471771	295011	568432	141363	165097	333	398687	5040694
	POWER TRANSMISSION								
128	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	8	0	0	0	0	8
129	POWER GRID CORPORATION OF INDIA LTD.	297731	0	0	111792	82684	288	30664	523159
130	POWER GRID WARORA TRANSMISSION LTD.	0	0	17630	0	0	0	0	17630
131	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	5600	0	0	0	0	5600
132	POWERGRID NM TRANSMISSION LTD.	0	0	21200	0	0	0	0	21200
133	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	1296	0	0	0	0	1296
134	POWERGRID VIZAG TRANSMISSION LTD.	0	0	20973	0	0	0	0	20973
135	REC POWER DISTRIBUTION CO. LTD.	0	0	5	0	0	0	0	5
136	REC TRANSMISSION PROJECTS CO. LTD.	0	0	5	0	0	0	0	5
	SUB TOTAL :	297731	0	66717	111792	82684	288	30664	589876
	TRADING & MARKETING								
137	ANTRIX CORPORATION LTD.	680	0	0	0	0	0	0	680
138	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1085	0	0	0	0	0	0	1085
139	COTTON CORPN. OF INDIA LTD.	2500	0	0	0	0	0	0	2500
140	FOOD CORPN. OF INDIA	288458	0	0	0	0	0	0	288458
141	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1382	0	0	0	0	0	0	1382
142	HMT (INTERNATIONAL) LTD.	0	0	72	0	0	0	0	72
143	INDIA TRADE PROMOTION ORGANISATION	25	0	0	0	0	0	0	25
144	KARNATAKA TRADE PROMOTION ORGANISATION	0	980	1020	0	0	0	0	2000
145	M M T C LTD.	8993	0	0	0	419	0	588	10000
146	M S T C LTD.	3163	0	0	0	0	0	357	3520
147	NATIONAL FILM DEV. CORPN. LTD.	4540	0	0	0	0	0	0	4540
148	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1900	0	0	0	0	0	0	1900
149	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	850	0	0	0	0	0	0	850
150	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	762	0	0	0	0	0	0	762
151	NTPC VIDYUT VYAPAR NIGAM LTD.	0	0	2000	0	0	0	0	2000
152	P E C LTD.	6000	0	0	0	0	0	0	6000
153	STATE TRADING CORPN. OF INDIA LTD.	5400	0	0	0	0	0	600	6000
154	STCL LTD.	0	0	150	0	0	0	0	150
155	TAMIL NADU TRADE PROMOTION ORGANISATION	0	0	1	0	0	0	0	1
156	THE JUTE CORPN. OF INDIA LTD.	500	0	0	0	0	0	0	500
	SUB TOTAL :	326238	980	3243	0	419	0	1545	332425
	TRANSPORT AND LOGISTIC SERVICES								
157	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	0	0	2500	0	0	0	0	2500
158	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	0	13842	0	0	0	0	13842
159	AIR INDIA ENGINEERING SERVICES LTD.	0	0	16667	0	0	0	0	16667
160	AIR INDIA EXPRESS LTD.	0	0	78000	0	0	0	0	78000
161	AIR INDIA LTD.	2869021	0	0	0	0	0	0	2869021
162	AIRLINE ALLIED SERVICES LTD.	0	0	40225	0	0	0	0	40225
163	AIRPORTS AUTHORITY OF INDIA	65656	0	0	0	0	0	0	65656
164	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	13033	15	0	0	0	0	0	13048
165	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	4056	0	0	0	0	4056
166	CENTRAL WAREHOUSING CORPN.	3742	0	0	0	2566	0	494	6802
167	CHANDIGARH INTERNATIONAL AIRPORT LTD.	0	47503	49442	0	0	0	0	96945
168	CONCOR AIR LTD.	0	0	3665	0	0	0	0	3665
169	CONTAINER CORPORATION OF INDIA LTD.	13355	0	0	6177	3902	0	938	24372
170	DREDGING CORPN. OF INDIA LTD.	2057	0	0	0	76	14	653	2800
171	FRESH & HEALTHY ENTERPRISES LTD.	0	0	14567	0	0	0	0	14567
172	GAIL (INDIA) LTD.	120855	0	0	40521	27422	0	36709	225507
173	GAIL GAS LTD.	0	0	87700	0	0	0	0	87700
174	KAMARAJAR PORT LTD.	20000	0	0	0	0	0	10000	30000
175	PAWAN HANS LTD.	28432	0	0	0	0	0	27316	55748
176	PETRONET CCK LTD.	0	0	10000	0	0	0	0	10000
177	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	10124	0	0	0	9727	19851
178	SHIPPING CORPORATION OF INDIA LTD.	29694	0	0	1114	762	0	15011	46581
179	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	7400	0	0	0	2548	9948
	SUB TOTAL :	3165845	47518	338188	47812	34728	14	103396	3737501

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Foreign Parties	Financial Inst.	Employees	Others(Indian)	Total
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES									
180	AGRINNOVATE INDIA LTD.	5000	0	0	0	0	0	0	5000
181	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	12086	0	0	0	0	0	0	12086
182	BRIDGE & ROOF CO.(INDIA) LTD.	5463	0	0	0	0	0	36	5499
183	BROADCAST ENGG. CONSULTANTS INDIA LTD.	137	0	0	0	0	0	0	137
184	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	0	0	3808	0	0	0	0	3808
185	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	0	0	100	0	0	0	0	100
186	DELHI POLICE HOUSING CORPORATION LTD.	500	0	0	0	0	0	0	500
187	EdCIL(India) Ltd.	200	0	0	0	0	0	0	200
188	ENGINEERING PROJECTS (INDIA) LTD.	3541	0	0	0	0	0	1	3542
189	ENGINEERS INDIA LTD.	16435	0	0	169	10169	0	4823	31596
190	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	11	0	0	0	0	11
191	HINDUSTAN PREFAB LTD.	13477	0	0	0	0	0	0	13477
192	HINDUSTAN STEELWORKS COSTN. LTD.	3430	0	3570	0	0	0	0	7000
193	HLL INFRA TECH SERVICES LTD.	0	0	50	0	0	0	0	50
194	HSCC (INDIA) LTD.	180	0	0	0	0	0	0	180
195	IIFCL PROJECTS LTD.	0	0	475	0	0	0	0	475
196	IRCON INFRASTRUCTURE & SERVICES LTD.	0	0	6500	0	0	0	0	6500
197	IRCON INTERNATIONAL LTD.	9378	0	0	0	27	0	0	9405
198	IRCON PB TOLLWAY LTD.	0	0	16500	0	0	0	0	16500
199	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	15000	0	0	0	0	15000
200	KONKAN RAILWAY CORPORATION LTD.	464890	46027	0	0	0	0	0	510917
201	MECON LTD.	4014	0	0	0	0	0	0	4014
202	MINERAL EXPLORATION CORPN. LTD.	11955	0	0	0	0	0	0	11955
203	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1275	1225	0	0	0	0	0	2500
204	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	200	0	0	0	0	0	0	200
205	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	9348	105	0	0	0	0	0	9453
206	NATIONAL RESEARCH DEVELOPMENT CORPN.	442	0	0	0	0	0	0	442
207	NATIONAL SMALL INDUSTRIES CORPN. LTD.	53299	0	0	0	0	0	0	53299
208	NBCC (INDIA) LTD.	13372	0	0	0	2695	27	1906	18000
209	NBCC ENGINEERING AND CONSULTANCY LTD.	0	0	100	0	0	0	0	100
210	NBCC SERVICES LTD.	0	0	200	0	0	0	0	200
211	PFC CAPITAL ADVISORY SERVICE LTD.	0	0	10	0	0	0	0	10
212	PFC CONSULTING LTD.	0	0	5	0	0	0	0	5
213	POWER SYSTEM OPERATION CORPORATION LTD.	3064	0	0	0	0	0	0	3064
214	PROJECTS & DEVELOPMENT INDIA LTD.	1730	0	0	0	0	0	0	1730
215	RAIL VIKAS NIGAM LTD.	208502	0	0	0	0	0	0	208502
216	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	3430	0	3570	0	0	0	0	7000
217	RITES INFRASTRUCTURE SERVICES LTD.	0	0	5	0	0	0	0	5
218	RITES LTD.	20000	0	0	0	0	0	0	20000
219	SOLAR ENERGY CORPORATION OF INDIA	35400	0	0	0	0	0	0	35400
220	TCIL BINA TOLL ROAD LTD.	0	0	1957	0	0	0	0	1957
221	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	2311	0	0	0	0	2311
222	WAPCOS LTD.	10000	0	0	0	0	0	0	10000
	SUB TOTAL :	910748	47357	54172	169	12891	27	6766	1032130
HOTEL AND TOURIST SERVICES									
223	DONYI POLO ASHOK HOTEL LTD.	0	49	51	0	0	0	0	100
224	HOTEL CORPN. OF INDIA LTD.	2700	0	11060	0	0	0	0	13760
225	INDIA TOURISM DEV. CORPN. LTD.	7464	0	0	0	315	0	798	8577
226	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	4000	0	0	0	0	0	0	4000
227	PONDICHERRY ASHOK HOTEL CORPN. LTD.	0	0	82	0	0	0	78	160
228	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	240	250	0	0	0	0	490
229	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	130	0	0	0	0	130
	SUB TOTAL :	14164	289	11573	0	315	0	876	27217
FINANCIAL SERVICES									
230	BALMER LAWRIE INVESTMENTS LTD.	1325	0	0	165	3	0	727	2220
231	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	90	0	0	0	0	0	10	100
232	E. C. G. C. LTD.	150000	0	0	0	0	0	0	150000
233	EASTERN INVESTMENT LTD.	23	0	73	1	11	0	36	144
234	HOUSING & URBAN DEV. CORPN. LTD.	179785	0	0	0	0	0	20405	200190
235	IIFCL ASSET MANAGEMENT COMPANY LTD.	0	0	1250	0	0	0	0	1250
236	INDIA INFRASTRUCTURE FINANCE CO. LTD.	410232	0	0	0	0	0	0	410232
237	INDIAN RAILWAY FINANCE CORPORATION LTD.	652646	0	0	0	0	0	0	652646
238	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	78460	0	0	0	0	0	0	78460
239	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	5000	1000	0	0	2000	0	0	8000
240	KUMARAKRUPPA FRONTIER HOTELS LTD.	88	0	0	0	0	0	9	97
241	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	121400	0	0	0	0	0	0	121400
242	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	36195	0	0	0	0	0	0	36195
243	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1	43500	36060	0	0	0	0	0179560
244	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	59999	0	0	0	0	0	0	59999
245	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	134801	0	0	0	0	0	0	134801
246	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	61890	0	0	0	0	0	0	61890
247	PFC GREEN ENERGY LTD.	0	0	30000	0	0	0	0	30000

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248	POWER FINANCE CORPORATION LTD.	174022	0	0	37320	17245	136	35285	264008
249	RURAL ELECTRIFICATION CORPN. LTD.	115168	0	0	46163	10372	93	25696	197492
	SUB TOTAL :	2324624	37060	31323	83649	29631	229	82168	2588684
TELECOMMUNICATION & INFORMATION TECHNOLOGY									
250	BHARAT BROADBAND NETWORK LTD.	6000	0	0	0	0	0	0	6000
251	BHARAT SANCHAR NIGAM LTD.	500000	0	0	0	0	0	0	500000
252	MAHANAGAR TELEPHONE NIGAM LTD.	35438	0	0	0	12968	0	14594	63000
253	MILLENNIUM TELECOM LTD.	0	0	288	0	0	0	0	288
254	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	200	0	0	0	0	0	0	200
255	RAILTEL CORPORATION INDIA LTD.	32094	0	0	0	0	0	0	32094
256	RAILTEL ENTERPRISES LTD.	0	0	1000	0	0	0	0	1000
257	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5920	0	0	0	0	0	0	5920
	SUB TOTAL :	579652	0	1288	0	12968	0	14594	608502
ENTERPRISES UNDER CONSTRUCTION									
258	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	5	0	0	0	5	10
259	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	5	0	0	0	0	5
260	BHARAT PETRO RESOURCES JPDA	0	0	6000	0	0	0	0	6000
261	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	436112	0	0	0	0	0	22708	458820
262	BIHAR INFRAPOWER LTD.	0	0	5	0	0	0	0	5
263	BIHAR MEGA POWER LTD.	0	0	5	0	0	0	0	5
264	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	1	0	0	0	0	1
265	BPCL-KIAL FUEL PVT. LTD.	0	0	440	0	0	0	160	600
266	BUNDELKHAND SAUR URJA LTD.	0	0	400	0	0	0	0	400
267	CHANDIL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
268	CHEYYUR INFRA LTD.	0	0	5	0	0	0	0	5
269	CHHATTISGARH EAST RAILWAYS LTD.	0	0	20600	0	0	0	10000	30600
270	CHHATTISGARH EAST-WEST RAILWAYS LTD.	0	0	32288	18118	0	0	0	50406
271	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	5	0	0	0	0	5
272	CHHATTISGARH SURGUJA POWER LTD.	0	0	5	0	0	0	0	5
273	COASTAL KARNATAKA POWER LTD.	5	0	0	0	0	0	0	5
274	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	5	0	0	0	0	5
275	COASTAL TAMIL NADU POWER LTD.	0	0	5	0	0	0	0	5
276	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	765827	0	0	0	0	0	0	765827
277	DEOGHAR INFRA LTD.	0	0	5	0	0	0	0	5
278	DEOGHAR MEGA POWER LTD.	0	0	5	0	0	0	0	5
279	DINGCHANG TRANSMISSION LTD.	0	0	5	0	0	0	0	5
280	DUMKA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
281	GHATAMPUR TRANSMISSION LTD.	0	0	5	0	0	0	0	5
282	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	5	0	0	0	0	5
283	GRID CONDUCTOR LTD.	0	0	0	0	0	0	0	0
284	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	0	0
285	HLL MEDIPARK LTD	0	0	10	0	0	0	0	10
286	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	1	0	0	0	0	1
287	HOOGLY COCHIN SHIPYARD LTD.	0	0	1628	0	0	0	572	2200
288	HPCL RAJASTHAN REFINERY LTD.	0	6631	18874	0	0	0	0	25505
289	INDIAN CATALYST PVT. LTD.	0	0	1593	0	0	0	0	1593
290	INDO RUSSIAN HELICOPTERS LTD.	0	0	0	0	0	0	0	0
291	INLAND & COASTAL SHIPPING LTD.	0	0	5	0	0	0	0	5
292	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0	5	0	0	0	0	5
293	JAGDISHPUR PAPER MILLS LTD.	0	0	5	0	0	0	0	5
294	JHARKHAND CENTRAL RAILWAY LTD.	0	500	3200	0	0	0	1300	5000
295	JHARKHAND INFRAPOWER LTD.	0	0	5	0	0	0	0	5
296	JHARKHAND KOLHAN STEEL LTD.	0	0	1	0	0	0	0	1
297	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	1	0	0	0	0	1
298	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	1	0	0	0	0	1
299	KODERMA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
300	KOLKATA METRO RAIL CORPORATION LTD.	137722	0	0	0	0	0	0	137722
301	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	0	3060	8709	0	0	0	0	11769
302	MAHANADI BASIN POWER LTD.	0	0	5	0	0	0	0	5
303	MAHANADI COAL RAILWAY LTD.	0	0	5	0	0	0	0	5
304	MAMC INDUSTRIES LTD.	0	0	0	0	0	0	0	0
305	MANDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
306	MEDINIPUR-JEERAT TRANSMISSION LTD.	0	0	1	0	0	0	0	1
307	MJSJ COAL LTD.	0	0	5706	0	0	0	3804	9510
308	MNH SHAKTI LTD.	0	0	5957	0	0	0	2553	8510
309	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	5	0	0	0	0	5
310	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0	0	0	0	0	0
311	NBCC INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
312	NEYVELI UTTAR PRADESH POWER LTD	0	0	46124	0	0	0	44316	90440
313	NMDC POWER LTD.	0	0	55	0	0	0	0	55
314	NMDC STEEL LTD.	0	0	1	0	0	0	01	*
315	NMDC-CMDC LTD.	0	0	9835	0	0	0	9449	19284
316	NPCL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	0	0	74	0	0	0	26	100
317	NPCL - NALCO POWER COMPANY LTD.	0	0	7	0	0	0	3	10
318	ODISHA INFRAPOWER LTD.	0	0	5	0	0	0	0	5

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319	OIL INDIA INTERNATIONAL LTD.	0	0	10000	0	0	0	0	10000
320	ORISSA INTEGRATED POWER LTD.	0	0	5	0	0	0	0	5
321	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	5	0	0	0	0	5
322	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0	0	0	0
323	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	15	0	0	0	0	15
324	POWER GRID PARLI TRANSMISSION LTD.	0	0	10	0	0	0	0	10
325	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	5	0	0	0	0	5
326	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
327	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	125	0	0	0	125	250
328	SAGARMALA DEVELOPMENT COMPANY LTD.	21500	0	0	0	0	0	0	21500
329	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	5	0	0	0	0	5
330	SETHUSAMUDRAM CORPN. LTD.	49500	0	0	0	0	0	25000	74500
331	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	1	0	0	0	0	1
332	SJVN THERMAL PVT. LTD.	0	0	43668	0	0	0	0	43668
333	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	5	0	0	0	0	5
334	TANDA TRANSMISSION COMPANY LTD.	0	0	5	0	0	0	0	5
335	TATIYA ANDHRA MEGA POWER LTD.	0	0	5	0	0	0	0	5
336	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	8104	0	0	0	5403	13507
337	WR-NR POWER TRANSMISSION LTD	0	0	5	0	0	0	0	5
338	YULE ELECTRICAL LTD.	0	0	0	0	0	0	5	5
339	YULE ENGINEERING COMPANY LTD.	0	0	0	0	0	0	5	5
SUB TOTAL :		1410666	10191	223580	18118	0	0	125434	1787989
GRAND TOTAL :		16990667	482706	4620337	621725	752898	1883	1528597	24998813

STATEMENT - 9
DETAILS OF SHORT TERM BORROWINGS(SECURED+UNSECURED) OF CPSEs AS ON
31.3.2018

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
AGRO BASED INDUSTRIES								
1	HPCL BIOFUELS LTD.	0	0	0	11724	0	0	11724
2	NATIONAL SEEDS CORPN. LTD.	0	0	0	5094	0	0	5094
SUB TOTAL :		0	0	0	16818	0	0	16818
COAL								
3	CENTRAL COALFIELDS LTD.	0	0	0	15000	0	0	15000
4	WESTERN COALFIELDS LTD.	0	0	0	32654	0	0	32654
SUB TOTAL :		0	0	0	47654	0	0	47654
CRUDE OIL								
5	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	2559221	0	0	2559221
6	ONGC VIDESH LTD.	0	0	0	133154	193985	21650	348789
SUB TOTAL :		0	0	0	2692375	193985	21650	2908010
OTHER MINERALS & METALS								
7	HINDUSTAN COPPER LTD.	0	0	0	50405	0	0	50405
8	NATIONAL ALUMINIUM COMPANY LTD.	0	0	0	4499	0	0	4499
9	NMDC Ltd.	0	0	0	50009	0	0	50009
10	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	0	0	0	4014	0	0	4014
11	URANIUM CORPORATION OF INDIA LTD.	10000	0	0	0	0	0	10000
SUB TOTAL :		10000	0	0	108927	0	0	118927
STEEL								
12	FERRO SCRAP NIGAM LTD.	0	0	0	454	0	0	454
13	MISHRA DHATU NIGAM LTD.	0	0	0	9193	0	0	9193
14	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	922128	0	0	922128
15	STEEL AUTHORITY OF INDIA LTD.	0	0	0	528439	299805	396188	1224432
SUB TOTAL :		0	0	0	1460214	299805	396188	2156207
PETROLEUM (REFINERY & MARKETING)								
16	BHARAT PETROLEUM CORPN. LTD.	0	0	0	30675	628626	150000	809301
17	CHENNAI PETROLEUM CORPORATION LTD.	0	0	0	206300	0	0	206300
18	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	777778	0	298440	1076218
19	INDIAN OIL CORPORATION LTD.	0	0	0	1035101	2082189	563466	3680756
20	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	0	1430	162950	143396	307776
21	NUMALIGARH REFINERY LTD.	0	0	0	2	0	0	2
SUB TOTAL :		0	0	0	2051286	2873765	1155302	6080353
FERTILIZERS								
22	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	0	0	0	48416	0	2321	50737
23	MADRAS FERTILIZERS LTD.	139959	0	0	0	0	0	139959
24	NATIONAL FERTILIZERS LTD.	0	0	0	289043	0	0	289043
25	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	73459	0	20000	93459
SUB TOTAL :		139959	0	0	410918	0	22321	573198

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
CHEMICALS & PHARMACEUTICALS								
26	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0	0	0	46730	0	0	46730
27	HIL (INDIA) LTD.	0	0	0	16518	0	0	16518
28	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	14848	0	0	14848
29	HINDUSTAN FLUOROCARBONS LIMITED	0	0	0	259	0	0	259
30	HINDUSTAN ORGANIC CHEMICALS LTD.	27000	0	0	0	0	0	27000
31	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	171918	0	0	171918
32	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	66	0	0	66
33	ONGC MANGALORE PETROCHEMICALS LTD.	0	0	0	318388	0	0	318388
34	ORISSA DRUGS & CHEMICALS LTD.	0	0	17	38	0	15	70
35	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	1417	0	0	1417
SUB TOTAL :		27000	0	17	570182	0	15	597214
HEAVY & MEDIUM ENGINEERING								
36	BEL OPTRONICS DEVICES LTD.	0	0	1225	1370	0	0	2595
37	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	3281	0	0	3281
38	BHEL ELECTRICAL MACHINES LTD.	0	0	370	455	0	504	1329
39	BRAITHWAITE & CO. LTD.	0	0	0	2609	0	0	2609
40	BURN STANDARD COMPANY LTD.	0	0	0	6384	0	0	6384
41	HEAVY ENGINEERING CORPN. LTD.	0	0	0	18706	0	0	18706
42	HINDUSTAN AERONAUTICS LTD.	0	0	0	76406	0	0	76406
43	HINDUSTAN SHIPYARD LTD.	0	0	0	19491	0	0	19491
44	HMT MACHINE TOOLS LTD.	0	0	164	3101	0	0	3265
45	HOOGHLY DOCK AND PORT ENGINEERS LTD.	0	0	0	0	0	10	10
46	I T I LTD.	0	0	0	92632	0	0	92632
47	INSTRUMENTATION LTD.	0	0	0	9490	0	0	9490
48	VIGNYAN INDUSTRIES LTD.	0	0	0	70	0	0	70
SUB TOTAL :		0	0	1759	233995	0	514	236268
TRANSPORATATION VEHICLE & EQUIPMENT								
49	BEML LTD.	0	0	0	13502	0	0	13502
SUB TOTAL :		0	0	0	13502	0	0	13502
INDUSTRIAL AND CONSUMER GOODS								
50	ANDREW YULE & COMPANY LTD.	0	0	0	2580	0	0	2580
51	CEMENT CORPN. OF INDIA LTD.	0	0	0	0	0	625	625
52	HINDUSTAN NEWSPRINT LTD.	0	0	0	14858	0	0	14858
53	HINDUSTAN PAPER CORPORATION LTD.	0	0	0	31212	0	0	31212
54	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	193204	0	0	1120560	0	61506	1375270
55	HINDUSTAN SALTS LTD.	0	0	0	34	0	0	34
56	HLL LIFECARE LTD.	0	0	0	28281	6536	0	34817
57	HOOGHLY PRINTING COMPANY LTD.	0	0	0	224	0	0	224
58	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0	5125	0	0	5125
59	NEPA LTD.	0	0	0	3499	0	0	3499
60	SAMBHAR SALTS LTD.	0	0	0	296	0	0	296

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
SUB TOTAL :		193204	0	0	1206669	6536	62131	1468540
TEXTILES								
61	BRITISH INDIA CORPORATION LTD.	0	0	0	0	0	10135	10135
62	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	1	0	0	1
63	NATIONAL TEXTILE CORPN. LTD.	71384	0	0	430	0	0	71814
SUB TOTAL :		71384	0	0	431	0	10135	81950
POWER GENERATION								
64	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	0	18006	0	0	18006
65	NHPC LTD.	0	0	0	27999	0	0	27999
66	NLC INDIA LTD.	0	0	0	145780	0	0	145780
67	NLC TAMIL NADU POWER LTD.	0	0	75000	67273	0	0	142273
68	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	0	0	20000	0	0	20000
69	NTPC LTD.	0	0	0	32	0	650000	650032
70	PATRATU VIDYUT UTPADAN NIGAM LTD.	0	0	0	0	0	1	1
71	THDC INDIA LTD.	0	0	0	64663	0	0	64663
SUB TOTAL :		0	0	75000	343753	0	650001	1068754
POWER TRANSMISSION								
72	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	0	0	100000	100000
SUB TOTAL :		0	0	0	0	0	100000	100000
TRADING & MARKETING								
73	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	0	0	0	15	0	0	15
74	COTTON CORPN. OF INDIA LTD.	0	0	0	444200	0	0	444200
75	FOOD CORPN. OF INDIA	2420000	0	0	5537540	0	0	7957540
76	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	524	0	0	524
77	KARNATAKA TRADE PROMOTION ORGANISATION	0	0	0	0	0	1379	1379
78	M M T C LTD.	0	0	0	51926	0	0	51926
79	M S T C LTD.	0	0	0	76164	0	0	76164
80	P E C LTD.	0	0	0	94435	0	0	94435
81	STATE TRADING CORPN. OF INDIA LTD.	0	0	0	159669	0	0	159669
82	STCL LTD.	0	0	0	118526	0	0	118526
83	THE JUTE CORPN. OF INDIA LTD.	0	0	0	3659	0	0	3659
SUB TOTAL :		2420000	0	0	6486658	0	1379	8908037
TRANSPORT AND LOGISTIC SERVICES								
84	AIR INDIA EXPRESS LTD.	0	0	0	135008	0	99532	234540
85	AIR INDIA LTD.	0	0	0	2195549	0	0	2195549
86	AIRLINE ALLIED SERVICES LTD.	0	0	154262	0	0	0	154262
87	FRESH & HEALTHY ENTERPRISES LTD.	0	0	5264	0	0	0	5264
88	SHIPPING CORPORATION OF INDIA LTD.	0	0	0	127441	0	0	127441
SUB TOTAL :		0	0	159526	2457998	0	99532	2717056
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES								
89	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	6589	0	0	1	0	0	6590

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
90	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	15042	0	0	15042
91	BROADCAST ENGG. CONSULTANTS INDIA LTD.	0	0	0	4301	0	0	4301
92	HLL INFRA TECH SERVICES LTD.	0	0	0	169	0	0	169
93	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	205114	0	0	205114
94	TCIL BINA TOLL ROAD LTD.	0	0	0	410	0	0	410
95	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	360	0	0	360
SUB TOTAL :		6589	0	0	225397	0	0	231986
HOTEL AND TOURIST SERVICES								
96	HOTEL CORPN. OF INDIA LTD.	0	0	25782	0	0	0	25782
97	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	509	0	0	0	509
SUB TOTAL :		0	0	26291	0	0	0	26291
FINANCIAL SERVICES								
98	HOUSING & URBAN DEV. CORPN. LTD.	0	0	0	413450	0	250000	663450
99	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	174391	0	0	174391
100	INDIAN RAILWAY FINANCE CORPORATION LTD.	0	0	0	396920	0	99759	496679
101	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	0	0	0	0	0	1	1
102	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	0	0	0	4747	0	0	4747
103	PFC GREEN ENERGY LTD.	0	0	26841	0	0	0	26841
104	POWER FINANCE CORPORATION LTD.	0	0	0	0	0	692474	692474
105	RURAL ELECTRIFICATION CORPN. LTD.	0	0	0	0	227654	325000	552654
SUB TOTAL :		0	0	26841	989508	227654	1367234	2611237
TELECOMMUNICATION & INFORMATION TECHNOLOGY								
106	BHARAT SANCHAR NIGAM LTD.	0	0	0	30910	0	0	30910
107	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	0	638209	0	0	638209
108	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0	2856	0	0	2856
SUB TOTAL :		0	0	0	671975	0	0	671975
ENTERPRISES UNDER CONSTRUCTION								
109	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	3	0	0	0	3
110	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	0	0	0	0	0	17588	17588
111	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	29	0	0	0	29
112	CHHATTISHGARH SURGUJA POWER LTD.	0	0	925	0	0	0	925
113	JAGDISHPUR PAPER MILLS LTD.	0	0	1061	0	0	0	1061
114	KOLKATA METRO RAIL CORPORATION LTD.	2166	0	0	0	0	0	2166
115	MNH SHAKTI LTD.	0	0	8	0	0	0	8
116	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	3	0	0	0	3
117	NEYVELI UTTAR PRADESH POWER LTD	0	0	100000	0	0	0	100000
118	OIL INDIA INTERNATIONAL LTD.	0	0	0	78	0	0	78
119	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	1847	0	0	0	1847

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
120	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	211	0	0	0	211
121	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	2	0	0	0	2
122	TANDA TRANSMISSION COMPANY LTD.	0	0	156	0	0	0	156
123	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	0	0	0	2032	2032
124	YULE ELECTRICAL LTD.	0	0	0	0	0	6	6
125	YULE ENGINEERING COMPANY LTD.	0	0	0	0	0	2	2
SUB TOTAL :		2166	0	104245	78	0	19628	126117
GRAND TOTAL :		2870302	0	393679	19988338	3601745	3906030	30760094

STATEMENT - 10
DETAILS OF LONG TERM BORROWINGS(SECURED+UNSECURED) OF CPSEs
AS ON 31.3.2018

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
AGRO BASED INDUSTRIES								
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV. CORP.LTD	0	0	0	22308	0	9233	31541
2	HPCL BIO FUELS LTD.	0	0	15486	27210	0	0	42696
3	NATIONAL SEEDS CORPN. LTD.	0	0	0	71	0	0	71
SUB TOTAL :		0	0	15486	49589	0	9233	74308
COAL								
4	BHARAT COKING COAL LTD.	0	0	0	0	0	217678	217678
5	EASTERN COALFIELDS LTD.	0	0	0	0	0	169217	169217
6	MAHANADI COALFIELDLS LTD.	0	0	0	0	0	650	650
SUB TOTAL :		0	0	0	0	0	387545	387545
CRUDE OIL								
7	BHARAT PETRO RESOURCES LTD.	0	0	84181	0	0	0	84181
8	OIL INDIA LTD.	0	0	0	0	736556	0	736556
9	ONGC VIDESH LTD.	0	0	0	1621018	0	2584177	4205195
SUB TOTAL :		0	0	84181	1621018	736556	2584177	5025932
OTHER MINERALS & METALS								
10	HINDUSTAN COPPER LTD.	0	0	0	15291	0	0	15291
11	INDIAN RARE EARTHS LTD.	0	0	0	0	0	19	19
12	THE BISRA STONE LIME COMPANY LTD.	0	0	601	0	0	0	601
SUB TOTAL :		0	0	601	15291	0	19	15911
STEEL								
13	MISHRA DHATU NIGAM LTD.	0	0	0	0	0	92	92
14	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	654516	0	0	654516
15	STEEL AUTHORITY OF INDIA LTD.	0	0	0	1640326	37349	1300041	2977716
SUB TOTAL :		0	0	0	2294842	37349	1300133	3632324
PETROLEUM (REFINERY & MARKETING)								
16	BHARAT PETROLEUM CORPN. LTD.	0	0	0	200000	1060020	215802	1475822
17	CHENNAI PETROLEUM CORPORATION LTD.	0	0	50000	32590	0	0	82590
18	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	0	0	539584	343494	883078
19	INDIAN OIL CORPORATION LTD.	0	0	0	0	1432647	439113	1871760
20	MANGALORE REFINERY & PETROCHEMICALS LTD.	0	0	119997	0	26072	3879	149948
21	NUMALIGARH REFINERY LTD.	0	0	0	16261	0	0	16261
SUB TOTAL :		0	0	169997	248851	3058323	1002288	4479459
FERTILIZERS								
22	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	57275	0	0	0	0	0	57275
23	FERTILIZER CORPN. OF INDIA LTD.	0	0	0	0	0	273	273
24	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	177049	0	0	0	0	0	177049
25	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	0	1176	1176
26	MADRAS FERTILIZERS LTD.	10686	0	0	0	0	0	10686
27	NATIONAL FERTILIZERS LTD.	0	0	0	0	11464	0	11464
28	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	32006	0	0	32006
SUB TOTAL :		245010	0	0	32006	11464	1449	289929

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
CHEMICALS & PHARMACEUTICALS								
29	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	20631	390	0	0	0	0	21021
30	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0	0	0	161709	0	115813	277522
31	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	0	0	127	127
32	HIL (INDIA) LTD.	218	0	0	0	0	765	983
33	HINDUSTAN ANTIBIOTICS LTD.	10000	0	0	0	0	500	10500
34	HINDUSTAN FLUOROCARBONS LIMITED	336	0	0	0	0	0	336
35	HINDUSTAN ORGANIC CHEMICALS LTD.	24557	0	0	0	0	0	24557
36	HLL BIOTECH LTD.	0	0	0	24397	0	0	24397
37	IDPL (TAMILNADU) LTD.	0	0	4465	0	0	0	4465
38	INDIAN DRUGS & PHARMACEUTICALS LTD.	561089	0	0	0	0	0	561089
39	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	1300	0	0	1300
40	ONGC MANGALORE PETROCHEMICALS LTD.	0	0	0	97944	0	199976	297920
41	ORISSA DRUGS & CHEMICALS LTD.	0	0	0	122	0	151	273
SUB TOTAL :		616831	390	4465	285472	0	317332	1224490
HEAVY & MEDIUM ENGINEERING								
42	BALMER LAWRIE & CO. LTD.	0	0	0	1116	0	0	1116
43	BEL OPTRONICS DEVICES LTD.	0	0	2114	0	0	0	2114
44	BHARAT ELECTRONICS LTD.	0	0	0	3333	0	0	3333
45	BHARAT HEAVY ELECTRICALS LTD.	0	0	0	0	0	5718	5718
46	BHARAT PUMPS & COMPRESSORS LTD.	7944	0	0	0	0	0	7944
47	BHARAT WAGON & ENGG. CO. LTD.	2418	0	0	0	0	0	2418
48	BRAITHWAITE & CO. LTD.	1039	0	0	0	0	0	1039
49	BURN STANDARD COMPANY LTD.	3500	411	0	80	0	0	3991
50	CENTRAL ELECTRONICS LTD.	1130	0	0	0	0	0	1130
51	COCHIN SHIPYARD LTD.	0	0	0	0	0	12300	12300
52	HEAVY ENGINEERING CORPN. LTD.	958	0	0	0	0	0	958
53	HINDUSTAN AERONAUTICS LTD.	0	0	0	10000	0	0	10000
54	HINDUSTAN CABLES LTD.	0	0	0	0	0	1479	1479
55	HINDUSTAN SHIPYARD LTD.	37221	0	0	0	0	0	37221
56	HMT LTD.	32036	0	0	0	0	0	32036
57	HMT MACHINE TOOLS LTD.	5289	0	0	0	0	0	5289
58	HOOGHLY DOCK AND PORT ENGINEERS LTD.	1036	0	0	116	0	0	1152
59	I T I LTD.	30000	0	0	0	0	0	30000
60	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	0	0	208	0	0	208
61	RICHARDSON & CRUDDAS(1972) LTD.	0	0	0	0	0	579	579
62	SCOOTERS INDIA LTD.	989	0	0	0	0	0	989
SUB TOTAL :		123560	411	2114	14853	0	20076	161014
TRANSPORTATION VEHICLE & EQUIPMENT								
63	BEML LTD.	0	449	0	0	0	30000	30449
SUB TOTAL :		0	449	0	0	0	30000	30449
INDUSTRIAL AND CONSUMER GOODS								
64	ANDREW YULE & COMPANY LTD.	0	0	0	0	0	2	2
65	CEMENT CORPN. OF INDIA LTD.	15090	0	0	0	0	0	15090
66	HINDUSTAN NEWSPRINT LTD.	0	0	0	900	0	0	900
67	HINDUSTAN PAPER CORPORATION LTD.	26353	0	0	0	0	0	26353
68	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0	10787	0	12965	23752
69	HINDUSTAN SALTS LTD.	280	0	0	0	0	0	280

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
70	HLL LIFECARE LTD.	0	0	0	8093	0	0	8093
71	NAGALAND PULP & PAPER COMPANY LTD.	0	0	1509	0	0	0	1509
72	NEPA LTD.	1729	0	0	0	0	0	1729
73	SAMBHAR SALTS LTD.	0	0	760	0	0	0	760
SUB TOTAL :		43452	0	2269	19780	0	12967	78468
TEXTILES								
74	BIRDS JUTE & EXPORTS LTD.	2072	0	477	0	0	0	2549
75	BRITISH INDIA CORPORATION LTD.	8555	0	0	0	0	0	8555
76	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	41571	1416	0	0	0	0	42987
SUB TOTAL :		52198	1416	477	0	0	0	54091
POWER GENERATION								
77	BHARTIYA RAIL BIJLEE CO. LTD.	0	0	0	0	0	497994	497994
78	KANTI BIJLEE UTPADAN NIGAM LTD.	0	0	20100	170758	0	51635	242493
79	NHPC LTD.	316379	0	0	2000	0	1354441	1672820
80	NLC INDIA LTD.	0	0	0	175790	47989	381250	605029
81	NLC TAMIL NADU POWER LTD.	0	0	0	27853	0	305152	333005
82	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	29118	0	0	31690	40854	529245	630907
83	NTPC LTD.	0	0	0	3593092	3666005	3610663	10869760
84	NUCLEAR POWER CORPN. OF INDIA LTD.	628192	0	0	770000	0	1725000	3123192
85	PATRATU VIDYUT UTPADAN NIGAM LTD.	0	79435	0	0	0	8000	87435
86	SJVN LTD.	0	0	0	21128	182406	0	203534
87	THDC INDIA LTD.	0	0	0	57402	0	184128	241530
SUB TOTAL :		973689	79435	20100	4849713	3937254	8647508	18507699
POWER TRANSMISSION								
88	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	1707800	3285802	7248430	12242032
89	POWER GRID WARORA TRANSMISSION LTD.	0	0	165787	0	0	0	165787
90	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	24684	0	0	0	24684
91	POWERGRID NM TRANSMISSION LTD.	0	0	92150	0	0	0	92150
92	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	4850	0	0	0	4850
93	POWERGRID VIZAG TRANSMISSION LTD.	0	0	59843	0	0	29000	88843
94	REC POWER DISTRIBUTION CO. LTD.	0	0	0	0	0	66	66
SUB TOTAL :		0	0	347314	1707800	3285802	7277496	12618412
TRADING & MARKETING								
95	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	80	0	0	0	0	0	80
96	FOOD CORPN. OF INDIA	0	0	0	0	0	1300000	1300000
97	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	0	0	0	0	0	462	462
98	NATIONAL FILM DEV. CORPN. LTD.	0	0	0	60	0	0	60
99	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	1201	0	0	0	0	0	1201
100	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	2006	0	0	0	0	0	2006
SUB TOTAL :		3287	0	0	60	0	1300462	1303809
TRANSPORT AND LOGISTIC SERVICES								
101	AIR INDIA ENGINEERING SERVICES LTD.	0	0	61580	0	0	4851	66431
102	AIR INDIA EXPRESS LTD.	0	0	0	36498	0	9500	45998
103	AIR INDIA LTD.	0	0	0	1266146	0	1756607	3022753
104	AIRPORTS AUTHORITY OF INDIA	0	0	0	0	3743	0	3743

(₹ in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
105	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	1458	0	0	0	1458
106	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	61353	5888	67241
107	GAIL (INDIA) LTD.	0	0	0	0	47578	50034	97612
108	GAIL GAS LTD.	0	0	0	13812	0	0	13812
109	KAMARAJAR PORT LTD.	0	0	0	22905	0	64221	87126
110	PAWAN HANS LTD.	0	0	0	0	0	1928	1928
111	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	6200	0	0	6200
112	SHIPPING CORPORATION OF INDIA LTD.	0	0	0	330657	0	0	330657
SUB TOTAL :		0	0	63038	1676218	112674	1893029	3744959
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES								
113	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	0	327	327
114	HINDUSTAN STEELWORKS COSTN. LTD.	0	0	0	0	0	2309	2309
115	IRCON INTERNATIONAL LTD.	0	0	0	0	0	320308	320308
116	IRCON PB TOLLWAY LTD.	0	0	24085	0	0	0	24085
117	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	52583	0	0	0	52583
118	KONKAN RAILWAY CORPORATION LTD.	0	0	0	0	0	175000	175000
119	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	0	5410	0	5410
120	POWER SYSTEM OPERATION CORPORATION LTD.	43	0	0	0	0	0	43
121	RAIL VIKAS NIGAM LTD.	0	0	0	0	0	225915	225915
122	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	4765	0	0	4765
123	TCIL BINA TOLL ROAD LTD.	0	0	7319	4803	0	0	12122
124	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	3476	3500	0	0	6976
SUB TOTAL :		43	0	87463	13068	5410	723859	829843
HOTEL AND TOURIST SERVICES								
125	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	350	0	0	0	350
SUB TOTAL :		0	0	350	0	0	0	350
FINANCIAL SERVICES								
126	HOUSING & URBAN DEV. CORPN. LTD.	0	0	0	4103	34235	2825460	2863798
127	INDIA INFRASTRUCTURE FINANCE CO. LTD.	0	0	0	0	0	3053768	3053768
128	INDIAN RAILWAY FINANCE CORPORATION LTD.	1000000	0	0	420000	615614	9449799	11485413
129	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	24634	0	0	2813	726043	685982	1439472
130	KUMARAKRUPPA FRONTIER HOTELS LTD.	0	0	0	0	0	2326	2326
131	POWER FINANCE CORPORATION LTD.	0	0	0	1052500	1590109	16507259	19149868
132	RURAL ELECTRIFICATION CORPN. LTD.	0	0	0	0	1977945	14116998	16094943
SUB TOTAL :		1024634	0	0	1479416	4943946	46641592	54089588
TELECOMMUNICATION & INFORMATION TECHNOLOGY								
133	BHARAT SANCHAR NIGAM LTD.	750000	0	0	904348	0	181781	1836129
134	MAHANAGAR TELEPHONE NIGAM LTD.	0	0	0	727404	0	301867	1029271
135	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	3167	0	0	0	0	0	3167
SUB TOTAL :		753167	0	0	1631752	0	483648	2868567
ENTERPRISES UNDER CONSTRUCTION								
136	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	100000	0	0	0	0	10708	110708
137	BIHAR INFRAPOWER LTD.	0	0	3	0	0	0	3
138	BIHAR MEGA POWER LTD.	0	0	0	0	0	4000	4000
139	BUNDELKHAND SAUR URJA LTD.	0	0	163	0	0	1570	1733

(₹in Lakhs)

S.No.	Cognate Group / CPSE	Central Govt.	State Govt.	Holding Company	Banks	Foreign Parties	Others	Total
140	CHEYYUR INFRA LTD.	0	0	6	0	0	0	6
141	CHHATTISGARH EAST RAILWAYS LTD.	0	0	0	83886	0	0	83886
142	CHHATTISGARH EAST-WEST RAILWAYS LTD.	0	0	0	0	0	5403	5403
143	COASTAL KARNATAKA POWER LTD.	0	0	165	0	0	0	165
144	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	0	4000	4000
145	COASTAL TAMIL NADU POWER LTD.	0	0	4536	0	0	12357	16893
146	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	0	0	1001202	1001202
147	DEOGHAR INFRA LTD.	0	0	25	0	0	0	25
148	DEOGHAR MEGA POWER LTD.	0	0	0	0	0	1300	1300
149	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	949	0	0	1558	2507
150	HLL MEDIPARK LTD	0	0	0	0	0	488	488
151	HPCL RAJASTHAN REFINERY LTD.	0	0	0	0	0	963	963
152	JHARKHAND INFRAPOWER LTD.	0	0	4	0	0	0	4
153	KOLKATA METRO RAIL CORPORATION LTD.	176002	0	0	0	0	67531	243533
154	MEDINIPUR-JEERAT TRANSMISSION LTD.	0	0	25257	0	0	0	25257
155	MJSJ COAL LTD.	0	0	0	0	0	33	33
156	ODISHA INFRAPOWER LTD.	0	0	24	0	0	0	24
157	ORISSA INTEGRATED POWER LTD.	0	0	7127	0	0	99787	106914
158	POWER GRID JABALPUR TRANSMISSION LTD.	0	0	96700	0	0	0	96700
159	POWER GRID PARLI TRANSMISSION LTD.	0	0	147659	0	0	0	147659
160	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	0	0	182362	0	0	0	182362
161	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	46	0	0	27	73
162	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	489	0	1634	0	2123
SUB TOTAL :		276002	0	465515	83886	1634	1210927	2037964
GRAND TOTAL :		4111873	82101	1263370	16023615	16130412	73843740	111455111

STATEMENT - 11
STATE-WISE CPSEs WITH GROSS BLOCK & EMPLOYMENT DURING
THE LAST THREE YEARS

S.No.	State / CPSE	(Gross Block : ` in Lakhs)				(Employment in Numbers)	
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
ANDAMAN & NICOBAR ISLANDS							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	15	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	39	41	39	41	4	5
3	AIRLINE ALLIED SERVICES LTD.	0	70	0	0	0	0
4	AIRPORTS AUTHORITY OF INDIA	16966	45	11582	0	0	0
5	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	1764	918	1764	918	1764	918
6	BHARAT SANCHAR NIGAM LTD.	36887	0	35199	0	35625	226
7	CENTRAL WAREHOUSING CORPN.	135	2	135	7	131	2
8	HOUSING & URBAN DEV. CORPN. LTD.	0	2	0	2	0	2
9	INDIAN OIL CORPORATION LTD.	7980	41	8883	37	5930	39
10	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	10	2	5	0	0	0
11	NBCC (INDIA) LTD.	0	0	0	0	1	0
12	NHPC LTD.	0	0	0	1	0	2
13	NTPC LTD.	5085	1	5020	2	4992	1
14	POWER GRID CORPORATION OF INDIA LTD.	0	0	0	1	0	1
15	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	0	0	28
16	RITEs LTD.	0	2	0	2	0	0
17	SHIPPING CORPORATION OF INDIA LTD.	0	0	4	8	4	3
18	SOLAR ENERGY CORPORATION OF INDIA	763	0	1	0	0	0
19	STEEL AUTHORITY OF INDIA LTD.	175	0	0	0	0	0
STATE TOTAL :		69819	1124	62632	1019	48451	1227
ANDHRA PRADESH							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	57	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	442	56	442	56	115	18
3	AIR INDIA EXPRESS LTD.	0	1	0	0	0	0
4	AIRLINE ALLIED SERVICES LTD.	0	11	0	58	0	0
5	AIRPORTS AUTHORITY OF INDIA	112522	769	83697	0	35680	799
6	BALMER LAWRIE & CO. LTD.	519	11	494	13	3882	27
7	BEML LTD.	0	8	579	8	0	8
8	BHARAT BROADBAND NETWORK LTD.	0	4	170	6	152	3
9	BHARAT DYNAMICS LTD.	5398	82	4026	77	4993	78
10	BHARAT ELECTRONICS LTD.	9061	313	21782	813	13759	828
11	BHARAT HEAVY ELECTRICALS LTD.	15787	930	15740	1008	14123	1053
12	BHARAT PETROLEUM CORPN. LTD.	89049	163	62740	160	57029	164
13	BHARAT SANCHAR NIGAM LTD.	1949394	19937	1888341	21253	1895139	22609
14	BRIDGE & ROOF CO.(INDIA) LTD.	290	53	1000	63	1418	98
15	CEMENT CORPN. OF INDIA LTD.	0	1	0	0	24004	244
16	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	47	2	28	2	142	2
17	CENTRAL WAREHOUSING CORPN.	15069	420	12480	410	10959	225
18	CONTAINER CORPORATION OF INDIA LTD.	33414	29	20330	28	10318	21
19	COTTON CORPN. OF INDIA LTD.	109	191	109	77	185	77
20	DREDGING CORPN. OF INDIA LTD.	330776	221	320360	246	205931	322
21	E. C. G. C. LTD.	210	7	56	7	52	10

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
22	ELECTRONICS CORPN. OF INDIA LTD.	9	19	9	19	10	18
23	ENGINEERING PROJECTS (INDIA) LTD.	0	6	0	5	14	15
24	ENGINEERS INDIA LTD.	0	64	0	22	0	26
25	FERRO SCRAP NIGAM LTD.	1207	137	1030	147	964	151
26	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	25	11	36	7	38	27
27	FOOD CORPN. OF INDIA	14369	1871	13592	1971	20940	1750
28	GAIL (INDIA) LTD.	120233	144	133594	141	107835	176
29	GAIL GAS LTD.	580	0	481	0	559	6
30	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	13	2	13	2	14	2
31	HIL (INDIA) LTD.	9	7	8	9	6	13
32	HINDUSTAN AERONAUTICS LTD.	0	7	0	7	0	7
33	HINDUSTAN ANTIBIOTICS LTD.	3	7	3	9	3	4
34	HINDUSTAN PAPER CORPORATION LTD.	18	1	18	1	18	1
35	HINDUSTAN PETROLEUM CORPN. LTD.	1063972	1640	909146	1655	846154	1672
36	HINDUSTAN PREFAB LTD.	0	0	0	1	0	6
37	HINDUSTAN SHIPYARD LTD.	35654	1178	22580	1350	24919	1546
38	HINDUSTAN STEELWORKS COSTN. LTD.	0	3	39	4	173	4
39	HLL LIFECARE LTD.	0	30	2	4	2	3
40	HOUSING & URBAN DEV. CORPN. LTD.	34	14	31	11	26	9
41	HSCC (INDIA) LTD.	0	3	0	1	0	1
42	I T I LTD.	0	1	0	2	25	2
43	INDIA TOURISM DEV. CORPN. LTD.	4	1	4	2	1	1
44	INDIAN OIL CORPORATION LTD.	252348	513	241389	508	205160	472
45	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	58	115	53	117	0	78
46	INSTRUMENTATION LTD.	4	2	4	2	0	4
47	IRCON INFRASTRUCTURE & SERVICES LTD.	147	0	147	0	147	0
48	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	28	0	34	0	24
49	KIOCL LTD.	0	1	0	4	0	16
50	M M T C LTD.	44	42	70	46	70	53
51	M S T C LTD.	3	9	3	11	2	22
52	MADRAS FERTILIZERS LTD.	20	18	20	19	23	18
53	MANGALORE REFINERY & PETROCHEMICALS LTD.	420	0	420	0	420	0
54	MECON LTD.	104	26	101	29	97	26
55	MINERAL EXPLORATION CORPN. LTD.	4	12	112	32	195	29
56	MISHRA DHATU NIGAM LTD.	494	0	0	0	0	0
57	MOIL LTD.	899	0	899	0	8040	0
58	NATIONAL ALUMINIUM COMPANY LTD.	26257	49	26007	47	24911	48
59	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	18	8	16	10	34	5
60	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	0	0	0	6	16
61	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	5	0	9	0	15
62	NATIONAL RESEARCH DEVELOPMENT CORPN.	0	1	0	0	0	0
63	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	0	0	1	2
64	NATIONAL SEEDS CORPN. LTD.	0	0	0	12	0	0
65	NATIONAL SMALL INDUSTRIES CORPN. LTD.	3738	6	3710	6	3588	6
66	NATIONAL TEXTILE CORPN. LTD.	183	255	188	133	187	142
67	NBCC (INDIA) LTD.	0	36	0	52	1	29
68	NHPC LTD.	0	1	0	2	0	0
69	NLC INDIA LTD.	0	0	0	0	5	4

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
70	NMDC Ltd.	2970	29	198	31	198	34
71	NTPC LTD.	854511	681	836021	750	798138	787
72	NUMALIGARH REFINERY LTD.	0	0	0	0	1	0
73	OIL & NATURAL GAS CORPORATION LTD.	535054	1765	593146	1582	395074	1596
74	OIL INDIA LTD.	97558	45	88796	46	25786	51
75	P E C LTD.	0	4	0	4	0	4
76	POWER GRID CORPORATION OF INDIA LTD.	1144723	283	1091335	244	936404	203
77	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	245596	0	49595	0	3625	0
78	POWERGRID VIZAG TRANSMISSION LTD.	115957	0	129934	3	108091	3
79	RAIL VIKAS NIGAM LTD.	78	62	212	55	189	58
80	RAILTEL CORPORATION INDIA LTD.	46874	7	44341	8	41521	46
81	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	7	0	7	0	7
82	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	14	14	15	8	21	19
83	RASHTRIYA ISPAT NIGAM LTD.	3215815	17135	3053402	17404	2810323	17412
84	REC POWER DISTRIBUTION CO. LTD.	1	1	1	1	0	0
85	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	71	0
86	RITES LTD.	0	78	68	38	0	64
87	RURAL ELECTRIFICATION CORPN. LTD.	0	3	0	0	0	0
88	SCOOTERS INDIA LTD.	0	1	0	2	0	3
89	SJVN LTD.	0	9	0	9	0	9
90	SOLAR ENERGY CORPORATION OF INDIA	61	0	0	0	0	0
91	STATE TRADING CORPN. OF INDIA LTD.	0	0	2038	26	2037	29
92	STEEL AUTHORITY OF INDIA LTD.	4779	60	4779	64	4768	74
93	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	10	0	8	0	9
94	THE JUTE CORPN. OF INDIA LTD.	3	3	3	4	3	13
95	URANIUM CORPORATION OF INDIA LTD.	181145	489	179421	485	206956	465
96	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	13522	0	0	0	0	0
97	WAPCOS LTD.	80	4	57	3	85	12
STATE TOTAL :		10541757	50174	9859461	51510	8855760	53933
ARUNACHAL PRADESH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	4	0	4	0	0	0
2	AIRPORTS AUTHORITY OF INDIA	275	10	192	0	0	0
3	BEML LTD.	0	0	0	0	0	3
4	BHARAT PETROLEUM CORPN. LTD.	287	0	287	0	287	0
5	BRIDGE & ROOF CO.(INDIA) LTD.	57	9	0	7	356	0
6	DONYI POLO ASHOK HOTEL LTD.	80	26	80	26	192	26
7	ENGINEERING PROJECTS (INDIA) LTD.	0	1	0	1	0	1
8	FOOD CORPN. OF INDIA	3163	100	2980	157	2619	138
9	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	0	1	0	0	0	0
10	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	2	0	0	0
11	HINDUSTAN PREFAB LTD.	0	9	0	11	0	2
12	HLL LIFECARE LTD.	0	2	0	0	0	0
13	HOUSING & URBAN DEV. CORPN. LTD.	1	3	1	2	0	3
14	HSCC (INDIA) LTD.	0	1	0	2	0	2
15	INDIAN OIL CORPORATION LTD.	20123	37	15717	33	6689	33
16	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	0	3	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
17	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	20	5	16	0	4	16
18	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	26	0	30	2	15
19	NBCC (INDIA) LTD.	0	1	0	0	0	0
20	NHPC LTD.	744250	384	699250	401	662947	432
21	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	976282	655	858658	691	735146	739
22	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	0	0	6627
23	OIL INDIA LTD.	22885	101	26506	105	18814	112
24	POWER GRID CORPORATION OF INDIA LTD.	77137	112	69653	91	69653	82
25	RAILTEL CORPORATION INDIA LTD.	0	4	0	4	0	2
26	REC POWER DISTRIBUTION CO. LTD.	1	1	0	1	0	0
27	RITES LTD.	0	2	0	1	0	3
28	RURAL ELECTRIFICATION CORPN. LTD.	0	3	0	0	0	0
29	SJVN LTD.	1531	0	1257	0	822	0
30	STEEL AUTHORITY OF INDIA LTD.	0	0	0	0	0	1
STATE TOTAL :		1846096	1494	1674603	1563	1497534	8237
ASSAM							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	318	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	186	113	186	113	14	58
3	AIRLINE ALLIED SERVICES LTD.	0	0	1	0	1	0
4	AIRPORTS AUTHORITY OF INDIA	70438	647	63227	0	91512	2503
5	ANDREW YULE & COMPANY LTD.	11488	7580	9270	7545	13291	7597
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	4	3	3	3	7	3
7	BEML LTD.	12	24	12	26	12	21
8	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	1	4	1	5
9	BHARAT BROADBAND NETWORK LTD.	0	1	0	0	0	0
10	BHARAT PETRO RESOURCES LTD.	1166	0	904	0	687	0
11	BHARAT PETROLEUM CORPN. LTD.	24362	33	14584	30	13157	24
12	BHARAT PUMPS & COMPRESSORS LTD.	1	1	1	1	1	1
13	BHARAT SANCHAR NIGAM LTD.	347839	3502	333958	3670	329344	3909
14	BRAHMAPUTRA CRACKERS & POLYMER LTD.	864388	617	858904	592	873965	579
15	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	113383	608	114202	643	114218	707
16	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	0	18
17	BRIDGE & ROOF CO.(INDIA) LTD.	47	6	0	11	124	17
18	CEMENT CORPN. OF INDIA LTD.	9595	137	9036	131	7997	144
19	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	3
20	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	0	0	0	1	0	1
21	CENTRAL WAREHOUSING CORPN.	1800	67	1859	75	1748	41
22	COAL INDIA LTD.	12863	1513	8067	1687	7720	1859
23	CONTAINER CORPORATION OF INDIA LTD.	1115	6	785	6	475	6
24	E. C. G. C. LTD.	0	1	0	1	0	1
25	ENGINEERING PROJECTS (INDIA) LTD.	43	19	43	17	23	20
26	ENGINEERS INDIA LTD.	0	41	0	40	0	56
27	FOOD CORPN. OF INDIA	21229	717	20882	896	16928	800
28	GAIL (INDIA) LTD.	203	39	-16992	59	-16972	72
29	HINDUSTAN PAPER CORPORATION LTD.	96710	1750	96710	1750	96710	1750
30	HINDUSTAN PETROLEUM CORPN. LTD.	9208	23	7644	26	6234	27
31	HINDUSTAN PREFAB LTD.	0	6	0	16	0	7

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
32	HINDUSTAN STEELWORKS COSTN. LTD.	3	0	4	0	9	0
33	HILL LIFECARE LTD.	344	99	0	0	0	0
34	HOUSING & URBAN DEV. CORPN. LTD.	379	24	384	24	351	22
35	HSCC (INDIA) LTD.	0	3	0	4	0	6
36	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	3	1	1
37	INDIAN OIL CORPORATION LTD.	710299	4070	563489	4147	514876	4655
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	21	26	19	26	19	31
39	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	0	0	0
40	M M T C LTD.	0	3	0	3	0	0
41	M S T C LTD.	2	5	1	2	0	0
42	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	17	10	8	7	1	9
43	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	28	8	20	0	0	0
44	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	238	52	220	54	210	60
45	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	0	0	0	0	1	1
46	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	1	1	1	1	1
47	NATIONAL SEEDS CORPN. LTD.	0	0	0	7	0	6
48	NATIONAL SMALL INDUSTRIES CORPN. LTD.	203	25	201	24	186	26
49	NATIONAL TEXTILE CORPN. LTD.	4	2	46	2	46	1
50	NBCC (INDIA) LTD.	337	41	365	43	310	35
51	NHPC LTD.	0	1	0	0	0	0
52	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	77	36	180	40	157	43
53	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	236334	599	230799	652	223024	692
54	NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	2	0	2	0	2	0
55	NTPC LTD.	753756	309	691329	237	637376	270
56	NUMALIGARH REFINERY LTD.	323550	813	284687	823	243535	829
57	OIL & NATURAL GAS CORPORATION LTD.	1673553	5940	1521028	6496	1357556	0
58	OIL INDIA LTD.	1316120	5962	1134773	6225	902649	6482
59	POWER GRID CORPORATION OF INDIA LTD.	931154	360	855127	353	854327	399
60	POWER SYSTEM OPERATION CORPORATION LTD.	431	0	431	0	0	0
61	RAIL VIKAS NIGAM LTD.	35	0	1	0	0	0
62	RAILTEL CORPORATION INDIA LTD.	0	6	0	9	0	8
63	REC POWER DISTRIBUTION CO. LTD.	2	1	0	1	0	0
64	RITES LTD.	0	9	0	12	0	10
65	RURAL ELECTRIFICATION CORPN. LTD.	56	9	41	8	33	9
66	SCOOTERS INDIA LTD.	0	0	0	0	0	1
67	SJVN LTD.	0	2	0	2	0	2
68	STEEL AUTHORITY OF INDIA LTD.	701	25	1379	24	1270	27
69	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1	1	1	1	1	2
70	THE JUTE CORPN. OF INDIA LTD.	7	34	7	59	7	120
71	WAPCOS LTD.	14	7	24	7	14	1
STATE TOTAL :		7534067	35938	6807854	36639	6293159	33978
BIHAR							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	55	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	293	86	293	86	9	7
3	AIRPORTS AUTHORITY OF INDIA	14783	264	13813	0	0	0
4	BALMER LAWRIE & CO. LTD.	0	1	0	1	0	1
5	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	1	1	1	2

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
6	BHARAT BROADBAND NETWORK LTD.	0	6	6	5	3	1
7	BHARAT PETROLEUM CORPN. LTD.	79127	120	40032	124	32208	117
8	BHARAT SANCHAR NIGAM LTD.	665736	4564	642534	4863	636390	5248
9	BHARAT WAGON & ENGG. CO. LTD.	2324	60	2324	597	2320	657
10	BHARTIYA RAIL BIJLEE CO. LTD.	761095	222	689456	173	588259	135
11	BIHAR INFRAPOWER LTD.	4	0	2	0	0	0
12	BIHAR MEGA POWER LTD.	810	0	476	0	95	0
13	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	374	61	1189	149	1149	126
14	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	6	0	6	0	6	0
15	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1741	3	1087	2	768	2
16	CENTRAL WAREHOUSING CORPN.	3640	113	3825	90	3560	74
17	COAL INDIA LTD.	6	10	3	12	3	14
18	CONTAINER CORPORATION OF INDIA LTD.	143	5	144	7	142	6
19	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	11	0	72
20	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	5
21	ENGINEERING PROJECTS (INDIA) LTD.	16	8	15	20	1	22
22	ENGINEERS INDIA LTD.	0	2	0	11	0	19
23	FOOD CORPN. OF INDIA	5253	936	4913	1072	4472	950
24	GAIL (INDIA) LTD.	34439	11	0	13	0	6
25	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	10	0	10	0	10	0
26	HINDUSTAN ANTIBIOTICS LTD.	3	17	3	23	3	7
27	HINDUSTAN FERTILIZER CORPN. LTD.	1111	0	17970	1	17970	1
28	HINDUSTAN PETROLEUM CORPN. LTD.	56670	106	49773	99	44683	89
29	HINDUSTAN PREFAB LTD.	0	1	0	9	0	3
30	HINDUSTAN STEELWORKS COSTN. LTD.	27	1	29	2	321	1
31	HLL LIFECARE LTD.	14	33	0	0	0	0
32	HOUSING & URBAN DEV. CORPN. LTD.	189	13	193	13	185	14
33	HPCL BIOFUELS LTD.	58779	736	58335	744	58138	394
34	I T I LTD.	0	2	0	2	0	2
35	INDIA TOURISM DEV. CORPN. LTD.	287	40	262	18	533	21
36	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	0	3
37	INDIAN OIL CORPORATION LTD.	600036	1824	490529	1805	408939	1705
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1482	69	1399	101	1319	99
39	IRCON INFRASTRUCTURE & SERVICES LTD.	1278	1	11	0	11	0
40	IRCON INTERNATIONAL LTD.	810	146	266	103	452	105
41	KANTI BIJLEE UTPADAN NIGAM LTD.	463615	230	446975	192	396238	187
42	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	31	0	26	0	35
43	MECON LTD.	0	17	0	13	0	9
44	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	0	0
45	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	1416	17
46	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	72	161	82	156	125
47	NATIONAL SEEDS CORPN. LTD.	132	56	122	41	102	43
48	NATIONAL SMALL INDUSTRIES CORPN. LTD.	105	8	35	6	28	6
49	NATIONAL TEXTILE CORPN. LTD.	16	4	54	15	54	18
50	NBCC (INDIA) LTD.	203	71	214	122	223	73
51	NHPC LTD.	21	12	24	13	36	26
52	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	143	18	143	18	143	18
53	NTPC LTD.	3009948	1470	2810634	1573	2643856	1698

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
54	NUMALIGARH REFINERY LTD.	0	0	0	0	1	0
55	OIL & NATURAL GAS CORPORATION LTD.	69	0	0	0	0	0
56	OIL INDIA LTD.	5510	85	892	92	809	97
57	PFC CONSULTING LTD.	8	0	0	0	0	0
58	POWER GRID MITHILANCHAL TRANSMISSION LTD.	2567	0	0	0	0	0
59	POWER GRID CORPORATION OF INDIA LTD.	1028996	423	936482	433	907484	437
60	RAIL VIKAS NIGAM LTD.	37	6	36	6	34	4
61	RAILTEL CORPORATION INDIA LTD.	0	11	0	11	0	15
62	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	6	0	7	0	4
63	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3	4	2	6	1	4
64	RASHTRIYA ISPAT NIGAM LTD.	40	7	36	7	37	7
65	REC POWER DISTRIBUTION CO. LTD.	2	1	2	1	2	0
66	RITES LTD.	0	32	0	29	0	32
67	RURAL ELECTRIFICATION CORPN. LTD.	88	13	79	15	62	16
68	SCOOTERS INDIA LTD.	0	1	0	0	0	1
69	SJVN LTD.	2100	91	1848	96	1570	98
70	SJVN THERMAL PVT. LTD.	49615	66	47003	71	44062	62
71	STEEL AUTHORITY OF INDIA LTD.	13254	12	12822	12	12822	12
72	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	9	3	9	2	9	5
73	THE JUTE CORPN. OF INDIA LTD.	6	35	5	40	5	69
74	WAPCOS LTD.	9	7	9	7	8	3
STATE TOTAL :		6867037	12254	6276486	13094	5811108	13029
CHANDIGARH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	320	36	320	36	0	4
2	AIRPORTS AUTHORITY OF INDIA	11647	64	23833	0	40832	446
3	BALMER LAWRIE & CO. LTD.	0	0	0	3	0	3
4	BHARAT BROADBAND NETWORK LTD.	0	4	0	3	0	0
5	BHARAT PETROLEUM CORPN. LTD.	271	25	1024	30	858	31
6	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	118	46	0	0
7	CENTRAL WAREHOUSING CORPN.	1218	10	1218	28	988	50
8	COAL INDIA LTD.	23	12	5	14	3	14
9	E. C. G. C. LTD.	21	4	21	4	21	4
10	GAIL (INDIA) LTD.	0	9	29	11	24	11
11	HIL (INDIA) LTD.	0	0	5	19	0	0
12	HINDUSTAN PETROLEUM CORPN. LTD.	2622	55	2772	51	2429	46
13	HLL LIFECARE LTD.	72	11	0	0	0	0
14	HOUSING & URBAN DEV. CORPN. LTD.	213	28	212	31	196	27
15	I T I LTD.	0	0	0	10	0	0
16	INDIAN OIL CORPORATION LTD.	6820	175	14256	162	10563	171
17	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	17	0	13	0	13	0
18	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	8	0	19	0	9
19	M S T C LTD.	2	6	1	1	0	0
20	MECON LTD.	0	0	0	0	0	1
21	NATIONAL FERTILIZERS LTD.	0	0	150	0	0	0
22	NATIONAL SEEDS CORPN. LTD.	828	21	827	16	816	14
23	NATIONAL SMALL INDUSTRIES CORPN. LTD.	13	4	13	5	14	5
24	NBCC (INDIA) LTD.	0	2	0	18	0	16

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
25	NHPC LTD.	0	18	0	20	0	18
26	NTPC LTD.	0	4	0	4	0	3
27	POWER GRID CORPORATION OF INDIA LTD.	642	19	102	18	3	16
28	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	292	0	291	0
29	RAIL VIKAS NIGAM LTD.	0	4	4	0	4	5
30	RAILTEL CORPORATION INDIA LTD.	0	6	0	7	0	3
31	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	10	0	10	0	10
32	RASHTRIYA ISPAT NIGAM LTD.	0	9	0	9	0	8
33	REC POWER DISTRIBUTION CO. LTD.	0	1	0	1	0	0
34	RITES LTD.	0	1	0	0	0	3
35	SCOOTERS INDIA LTD.	0	0	0	1	0	1
36	SJVN LTD.	0	6	0	6	0	6
37	STEEL AUTHORITY OF INDIA LTD.	117	20	117	20	118	22
38	THDC INDIA LTD.	0	1	0	0	0	1
39	WAPCOS LTD.	8	9	31	11	24	7
STATE TOTAL :		24854	582	45363	614	57197	955
CHHATTISGARH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	117	21	117	21	0	5
2	AIRPORTS AUTHORITY OF INDIA	28314	86	11399	0	0	0
3	BALMER LAWRIE & CO. LTD.	0	0	0	0	0	1
4	BEML LTD.	291	92	317	94	301	95
5	BHARAT BROADBAND NETWORK LTD.	0	4	25	3	20	3
6	BHARAT PETROLEUM CORPN. LTD.	28293	34	13800	37	12100	53
7	BHARAT SANCHAR NIGAM LTD.	315097	1539	298575	1633	295245	1735
8	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	417	68	99	9	0	1
9	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	5	820	4
10	CEMENT CORPN. OF INDIA LTD.	6382	2	6387	2	6427	1
11	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	4898	618	4033	651	2249	670
12	CENTRAL WAREHOUSING CORPN.	5489	83	5075	76	4077	89
13	CHHATTISGARH EAST RAILWAYS LTD.	103231	10	74095	10	25525	9
14	CHHATTISGARH EAST-WEST RAILWAYS LTD.	50979	10	27270	10	0	0
15	CHHATTISGARH SURGUJA POWER LTD.	0	0	0	0	5696	0
16	CONTAINER CORPORATION OF INDIA LTD.	7627	7	5290	7	2850	5
17	E. C. G. C. LTD.	3	2	0	0	0	0
18	ENGINEERING PROJECTS (INDIA) LTD.	9	20	9	24	4	28
19	FERRO SCRAP NIGAM LTD.	2203	201	1662	206	1453	220
20	FERTILIZER CORPN. OF INDIA LTD.	1165	0	1165	0	1165	0
21	FOOD CORPN. OF INDIA	7341	693	6799	699	6601	650
22	GAIL (INDIA) LTD.	0	0	0	1	0	0
23	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	8
24	HINDUSTAN PETROLEUM CORPN. LTD.	31451	95	26743	92	22843	88
25	HINDUSTAN PREFAB LTD.	0	2	0	14	0	0
26	HINDUSTAN STEELWORKS COSTN. LTD.	744	4	498	9	2398	26
27	HLL LIFECARE LTD.	131	20	0	2	94	1
28	HOUSING & URBAN DEV. CORPN. LTD.	115	15	115	13	111	13
29	HSCC (INDIA) LTD.	0	5	0	8	0	7
30	I T I LTD.	0	5	0	15	0	12

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
31	INDIAN OIL CORPORATION LTD.	104250	163	97056	163	80280	156
32	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	993	5	959	5	0	5
33	INSTRUMENTATION LTD.	17	2	17	2	21	4
34	IRCON INFRASTRUCTURE & SERVICES LTD.	818	0	818	0	819	0
35	IRCON INTERNATIONAL LTD.	123	105	101	56	78	45
36	KARNATAKA ANTI-BIOTICS & PHARMACEUTICALS LTD.	0	10	0	10	0	11
37	KIOCL LTD.	0	1	0	1	0	4
38	M S T C LTD.	3	4	1	4	0	0
39	MECON LTD.	747	114	744	120	722	127
40	MINERAL EXPLORATION CORPN. LTD.	3471	373	1864	343	2697	289
41	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	1	1	1	1
42	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	145	11	6	9	2	28
43	NATIONAL SEEDS CORPN. LTD.	0	0	0	3	0	3
44	NATIONAL SMALL INDUSTRIES CORPN. LTD.	6	5	5	5	5	6
45	NATIONAL TEXTILE CORPN. LTD.	0	0	0	2	0	2
46	NBCC (INDIA) LTD.	0	19	0	9	138	16
47	NMDC Ltd.	1423391	3531	1239164	3630	1042506	3745
48	NMDC-CMDC LTD.	17733	2	7358	2	6749	2
49	NTPC LTD.	2752123	2471	2530573	2493	2255079	2526
50	OIL INDIA LTD.	0	3	0	1	0	1
51	POWER GRID CORPORATION OF INDIA LTD.	1416318	293	1224006	285	1084707	312
52	RAIL VIKAS NIGAM LTD.	147	32	153	32	132	30
53	RAILTEL CORPORATION INDIA LTD.	0	6	0	5	0	6
54	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	1	0	0	0	0
55	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	6	0	6	2	6	4
56	REC POWER DISTRIBUTION CO. LTD.	1	1	1	2	1	0
57	rites LTD.	74	111	79	117	34	115
58	RURAL ELECTRIFICATION CORPN. LTD.	0	4	0	3	0	4
59	SCOOTERS INDIA LTD.	0	0	0	1	0	0
60	SJVN LTD.	0	3	0	3	0	3
61	SOUTH EASTERN COALFIELDS LTD.	865962	43797	677871	45989	541223	40194
62	STEEL AUTHORITY OF INDIA LTD.	2916938	22655	2682177	24528	2492352	25984
63	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	42	4	42	7	340	9
64	WAPCOS LTD.	9	2	21	5	15	5
STATE TOTAL :		10097614	77365	8946496	81479	7897886	77361
DADRA NAGARHAVLI							
1	BALMER LAWRIE & CO. LTD.	4922	31	4690	32	6485	35
2	GAIL (INDIA) LTD.	14663	4	0	4	0	3
3	HINDUSTAN PETROLEUM CORPN. LTD.	9542	0	9135	0	6641	0
4	INDIAN OIL CORPORATION LTD.	3931	31	2761	32	2598	33
5	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	4	0	4
6	POWER GRID CORPORATION OF INDIA LTD.	25857	9	18870	9	18870	10
7	rites LTD.	0	2	0	0	0	3
STATE TOTAL :		58915	77	35456	81	34594	88
DAMAN AND DIU							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	6	0	6	0	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
2	AIRPORTS AUTHORITY OF INDIA	575	19	399	0	0	0
3	BHARAT PETROLEUM CORPN. LTD.	16	0	16	0	16	0
4	BHARAT PUMPS & COMPRESSORS LTD.	0	6	0	6	0	0
5	CENTRAL WAREHOUSING CORPN.	0	0	0	0	0	6
6	HINDUSTAN PETROLEUM CORPN. LTD.	699	0	654	0	560	0
7	INDIAN OIL CORPORATION LTD.	788	4	52	4	45	5
8	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	3	0	0	0	0
9	POWER GRID CORPORATION OF INDIA LTD.	25181	12	23723	12	23723	10
STATE TOTAL :		27259	50	24844	28	24344	21
DELHI							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	90	0	0	0	0	0
2	AGRINNOVATE INDIA LTD.	40	2	114	2	68	5
3	AIR INDIA AIR TRANSPORT SERVICES LTD.	113	529	113	529	52	14
4	AIR INDIA ENGINEERING SERVICES LTD.	46896	4440	46896	4440	27007	4440
5	AIR INDIA EXPRESS LTD.	51	163	29	95	491518	86
6	AIR INDIA LTD.	2961155	11827	3000423	11827	4047168	12826
7	AIRLINE ALLIED SERVICES LTD.	387	364	371	382	236	454
8	AIRPORTS AUTHORITY OF INDIA	190642	3725	192819	0	416072	0
9	ANDREW YULE & COMPANY LTD.	14	8	13	8	19	8
10	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7	4	4	4	3	5
11	BALMER LAWRIE & CO. LTD.	405	66	386	67	602	64
12	BEML LTD.	838	51	821	53	819	58
13	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	2	5	2	5
14	BHARAT BROADBAND NETWORK LTD.	224878	34	1500	32	1352	34
15	BHARAT DYNAMICS LTD.	2657	7	2657	7	2232	6
16	BHARAT HEAVY ELECTRICALS LTD.	15768	1161	13345	804	12142	895
17	BHARAT PETRO RESOURCES LTD.	1	0	1	0	0	0
18	BHARAT PETROLEUM CORPN. LTD.	28755	215	19804	230	17135	229
19	BHARAT PUMPS & COMPRESSORS LTD.	1	0	1	0	1	6
20	BHARAT SANCHAR NIGAM LTD.	845506	1438	1169169	1460	6917	1487
21	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	321	43	318	39	306	41
22	BRIDGE & ROOF CO.(INDIA) LTD.	54	13	0	13	454	11
23	BROADCAST ENGG. CONSULTANTS INDIA LTD.	8	61	3	54	2	0
24	CEMENT CORPN. OF INDIA LTD.	912	69	5353	81	5360	85
25	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1863	209	1827	219	1810	226
26	CENTRAL ELECTRONICS LTD.	0	3	0	3	0	1
27	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1498	34	1490	24	1493	31
28	CENTRAL WAREHOUSING CORPN.	10312	233	18432	236	18064	575
29	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	3	6	2	6	2	6
30	CHENNAI PETROLEUM CORPORATION LTD.	0	0	44	0	68	4
31	CHHATTISHGARH SURGUJA POWER LTD.	0	0	6	0	0	0
32	COAL INDIA LTD.	7421	122	823	103	780	105
33	CONTAINER CORPORATION OF INDIA LTD.	38462	529	32180	504	28570	482
34	COTTON CORPN. OF INDIA LTD.	31	15	19	14	24	12
35	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1219	84	136749	261	106749	209
36	DINGCHANG TRANSMISSION LTD.	112	0	88	0	52	0
37	DREDGING CORPN. OF INDIA LTD.	46	2	0	7	0	3

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
38	E. C. G. C. LTD.	6448	56	6450	54	5648	64
39	ELECTRONICS CORPN. OF INDIA LTD.	765	89	771	96	790	110
40	ENGINEERING PROJECTS (INDIA) LTD.	1569	131	1295	127	1249	142
41	ENGINEERS INDIA LTD.	9407	1155	8844	1176	8740	1254
42	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	14	2	21	1	36	2
43	FERRO SCRAP NIGAM LTD.	0	1	0	1	0	1
44	FERTILIZER CORPN. OF INDIA LTD.	206	1	202	1	200	2
45	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	7	7	7	7	7	0
46	FOOD CORPN. OF INDIA	12167	1130	11620	1158	10701	846
47	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	21	0	6
48	GAIL (INDIA) LTD.	6985	436	4451	429	5257	405
49	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	107	7	0	0	0	0
50	GHATAMPUR TRANSMISSION LTD.	125	0	125	0	0	0
51	GOA SHIPYARD LTD.	103	2	35	2	34	7
52	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	18236	10	18232	11	328	10
53	HEAVY ENGINEERING CORPN. LTD.	0	10	0	12	0	11
54	HIL (INDIA) LTD.	989	70	847	69	733	72
55	HINDUSTAN AERONAUTICS LTD.	7161	46	510	42	501	42
56	HINDUSTAN ANTIBIOTICS LTD.	13	11	13	12	13	3
57	HINDUSTAN CABLES LTD.	0	0	0	0	0	6
58	HINDUSTAN COPPER LTD.	82	16	82	17	90	19
59	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	16	3	15	3
60	HINDUSTAN PAPER CORPORATION LTD.	250	25	250	25	250	25
61	HINDUSTAN PETROLEUM CORPN. LTD.	50876	517	37575	480	43500	478
62	HINDUSTAN PREFAB LTD.	595	184	794	27	786	188
63	HINDUSTAN SHIPYARD LTD.	0	0	0	2	0	2
64	HINDUSTAN STEELWORKS COSTN. LTD.	285	2	298	2	373	1
65	HLL INFRA TECH SERVICES LTD.	0	0	3	0	0	0
66	HLL LIFECARE LTD.	332	48	0	40	93	123
67	HMT (INTERNATIONAL) LTD.	100	1	100	0	100	0
68	HOTEL CORPN. OF INDIA LTD.	2856	361	1756	512	5441	458
69	HOUSING & URBAN DEV. CORPN. LTD.	10596	430	10501	447	10079	419
70	HSCC (INDIA) LTD.	0	13	0	17	0	18
71	I T I LTD.	21	92	20	97	101	121
72	IIFCL ASSET MANAGEMENT COMPANY LTD.	12	6	11	6	10	6
73	IIFCL PROJECTS LTD.	30	16	30	15	26	13
74	INDIA INFRASTRUCTURE FINANCE CO. LTD.	20970	86	15530	93	9803	88
75	INDIA TOURISM DEV. CORPN. LTD.	5774	851	5777	1062	14147	1232
76	INDIA TRADE PROMOTION ORGANISATION	30885	712	4467	758	5128	806
77	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	6	2
78	INDIAN OIL CORPORATION LTD.	149581	2382	120702	2419	167077	1944
79	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	23002	426	24159	417	20786	515
80	INDIAN RAILWAY FINANCE CORPORATION LTD.	1759	24	1748	18	1740	18
81	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	6652	145	6151	148	6199	132
82	INSTRUMENTATION LTD.	91	13	91	13	90	14
83	IRCON INFRASTRUCTURE & SERVICES LTD.	17	27	10	9	7	0
84	IRCON INTERNATIONAL LTD.	11695	468	12049	418	11157	467
85	IRCON PB TOLLWAY LTD.	0	0	1	0	1	4

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
86	IRCON SHIVPURI GUNA TOLLWAY LTD.	1	0	1	0	0	0
87	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	9	0	10	0	9
88	KIOCL LTD.	0	4	0	5	0	5
89	KONKAN RAILWAY CORPORATION LTD.	0	7	0	7	0	3
90	KUMARAKRUPPA FRONTIER HOTELS LTD.	0	3	0	3	2	3
91	M M T C LTD.	1306	519	1237	560	1098	592
92	M S T C LTD.	47	34	52	35	98	43
93	MADRAS FERTILIZERS LTD.	3	1	3	1	0	0
94	MAHANAGAR TELEPHONE NIGAM LTD.	1514976	11947	1325583	13153	1455476	14877
95	MANGALORE REFINERY & PETROCHEMICALS LTD.	46	30	35	29	46	32
96	MAZAGON DOCK SHIPBUILDERS LTD.	1082	6	1102	5	687	4
97	MECON LTD.	3516	149	3490	123	2237	109
98	MINERAL EXPLORATION CORPN. LTD.	26	4	32	4	34	4
99	MISHRA DHATU NIGAM LTD.	4	4	6	4	6	0
100	MOIL LTD.	141	5	42	4	56	5
101	MUMBAI RAILWAY VIKAS CORPORATION LTD.	0	4	0	3	0	3
102	NATIONAL ALUMINIUM COMPANY LTD.	1418	29	1390	32	1178	34
103	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	281	44	258	43	237	44
104	NATIONAL FERTILIZERS LTD.	207	0	111	0	207	0
105	NATIONAL FILM DEV. CORPN. LTD.	292	8	291	10	215	11
106	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1891	36	1689	36	0	0
107	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	4	0	9	5	6
108	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	673572	41	364871	0	158048	74
109	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1010	30	1006	33	1001	33
110	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	20	100	25	26	13	39
111	NATIONAL RESEARCH DEVELOPMENT CORPN.	243	59	234	67	226	72
112	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	125	23	112	23	104	20
113	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	864	71	846	69	825	69
114	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	709	44	654	46	650	46
115	NATIONAL SEEDS CORPN. LTD.	997	167	1028	176	984	182
116	NATIONAL SMALL INDUSTRIES CORPN. LTD.	11868	269	10927	273	9627	293
117	NATIONAL TEXTILE CORPN. LTD.	127	41	453	152	451	138
118	NBCC (INDIA) LTD.	5688	888	5689	744	2768	739
119	NBCC ENGINEERING AND CONSULTANCY LTD.	5	21	1	24	0	24
120	NBCC SERVICES LTD.	7	0	5	84	2	90
121	NEPA LTD.	44	2	44	2	0	2
122	NLC INDIA LTD.	3361	34	3030	33	1694	34
123	NMDC Ltd.	270	12	270	13	270	11
124	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	65	6	30	6	25	6
125	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1126	26	1071	25	1081	25
126	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	1	0	1	0	1
127	NTPC LTD.	47284	654	69079	924	61348	1171
128	NTPC VIDYUT VYAPAR NIGAM LTD.	57	39	34	43	38	45
129	NUMALIGARH REFINERY LTD.	157	5	97	5	74	5
130	OIL & NATURAL GAS CORPORATION LTD.	69119	1549	59529	1597	49383	1580
131	OIL INDIA LTD.	1571	31	1244	32	1245	32
132	ONGC VIDESH LTD.	72229	237	60260	340	21486	339
133	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	312	3	312	3	324	2

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
134	P E C LTD.	606	89	601	100	649	119
135	PAWAN HANS LTD.	26096	0	11047	125	94024	194
136	PFC CAPITAL ADVISORY SERVICE LTD.	0	0	2	0	3	3
137	PFC CONSULTING LTD.	528	0	511	0	152	0
138	PFC GREEN ENERGY LTD.	3	0	5	0	6	16
139	POWER FINANCE CORPORATION LTD.	11692	490	11389	491	11249	460
140	POWER GRID CORPORATION OF INDIA LTD.	303995	345	246178	334	193182	315
141	POWER GRID WARORA TRANSMISSION LTD.	0	0	0	0	2957	0
142	POWER SYSTEM OPERATION CORPORATION LTD.	7047	172	6669	160	6353	162
143	PRIZE PETROLEUM COMPANY LTD.	1734	18	7	19	9	21
144	RAIL VIKAS NIGAM LTD.	27450	0	2424	117	1942	90
145	RAILTEL CORPORATION INDIA LTD.	35122	64	33727	63	33847	69
146	RAILTEL ENTERPRISES LTD.	1	0	0	0	0	0
147	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	31	0	31	0	31	0
148	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	7	0	6	0	5
149	RASHTRIYA ISPAT NIGAM LTD.	2664	36	2665	42	2662	39
150	REC POWER DISTRIBUTION CO. LTD.	455	3	454	8	179	0
151	REC TRANSMISSION PROJECTS CO. LTD.	61	0	28	0	14	0
152	RITES LTD.	576	87	1471	143	716	72
153	RURAL ELECTRIFICATION CORPN. LTD.	4476	307	3635	329	3592	336
154	SCOOTERS INDIA LTD.	0	1	0	5	0	8
155	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	1716	70	1708	67	1682	69
156	SHIPPING CORPORATION OF INDIA LTD.	7	13	5	12	5	12
157	SJVN LTD.	0	36	0	36	0	36
158	SOLAR ENERGY CORPORATION OF INDIA	247	70	306	71	241	62
159	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0	0	7	0
160	STATE TRADING CORPN. OF INDIA LTD.	42718	327	39614	373	80009	366
161	STEEL AUTHORITY OF INDIA LTD.	6809	600	16043	635	17131	723
162	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4415	444	4394	431	4390	445
163	WAPCOS LTD.	395	90	585	165	453	150
STATE TOTAL :		7656140	55935	7241018	54322	7747055	57120
GOA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	273	117	273	117	108	13
2	AIRPORTS AUTHORITY OF INDIA	49336	91	44910	0	0	0
3	BEML LTD.	19	2	19	2	19	2
4	BHARAT PETROLEUM CORPN. LTD.	12807	36	9102	48	8455	47
5	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	0	0	1
6	CENTRAL WAREHOUSING CORPN.	645	12	542	34	534	18
7	CONTAINER CORPORATION OF INDIA LTD.	1665	2	173	2	14	1
8	DREDGING CORPN. OF INDIA LTD.	0	0	0	8	0	1
9	ENGINEERS INDIA LTD.	0	1	0	2	0	0
10	GAIL (INDIA) LTD.	8440	9	0	8	0	7
11	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1175	185	1049	186	988	194
12	GOA SHIPYARD LTD.	105893	1406	94106	1383	81069	1592
13	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	1
14	HINDUSTAN PETROLEUM CORPN. LTD.	6338	61	5673	61	4958	65
15	HINDUSTAN PREFAB LTD.	0	1	0	0	0	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
16	HLL LIFECARE LTD.	0	1	0	0	0	0
17	HOUSING & URBAN DEV. CORPN. LTD.	0	1	0	2	0	3
18	HSCC (INDIA) LTD.	0	3	0	0	0	0
19	INDIA TOURISM DEV. CORPN. LTD.	2	0	1	1	3	1
20	INDIAN OIL CORPORATION LTD.	16489	77	12317	75	11204	83
21	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	1	0	0	0	0
22	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	1	0	0	0	0
23	KONKAN RAILWAY CORPORATION LTD.	75608	1330	74199	1290	73013	1278
24	M M T C LTD.	0	15	0	17	0	19
25	MECON LTD.	0	1	0	0	0	0
26	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	5	0	0	0	0	0
27	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	2	0	2	0	4
28	NBCC (INDIA) LTD.	0	14	0	1	0	0
29	OIL & NATURAL GAS CORPORATION LTD.	2272	57	1820	58	1573	67
30	POWER GRID CORPORATION OF INDIA LTD.	15886	19	9203	17	9203	15
31	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	0
32	REC POWER DISTRIBUTION CO. LTD.	16	2	16	1	16	0
33	RITES LTD.	0	8	0	8	0	6
34	STEEL AUTHORITY OF INDIA LTD.	0	1	0	1	0	1
STATE TOTAL :		296869	3457	253403	3325	191157	3419
GUJRAT							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	20	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	674	415	674	415	480	20
3	AIR INDIA EXPRESS LTD.	0	0	1	0	0	0
4	AIRPORTS AUTHORITY OF INDIA	149755	768	140724	0	0	0
5	BALMER LAWRIE & CO. LTD.	71	8	67	7	105	9
6	BEML LTD.	24	13	24	13	23	15
7	BHARAT BROADBAND NETWORK LTD.	0	5	27	4	21	5
8	BHARAT PETRO RESOURCES LTD.	9974	0	7984	0	2671	0
9	BHARAT PETROLEUM CORPN. LTD.	105912	274	81803	291	66065	298
10	BHARAT PUMPS & COMPRESSORS LTD.	1	3	1	3	1	4
11	BHARAT SANCHAR NIGAM LTD.	1105771	13417	1066928	14622	1071962	15836
12	BRIDGE & ROOF CO.(INDIA) LTD.	411	55	0	77	1813	74
13	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1759	0	1887	0	1876	0
14	CENTRAL WAREHOUSING CORPN.	16791	167	16471	163	16406	180
15	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	4	10	4	10	3	10
16	COAL INDIA LTD.	4	5	1	6	1	6
17	CONTAINER CORPORATION OF INDIA LTD.	41187	88	35230	83	19972	65
18	COTTON CORPN. OF INDIA LTD.	282	92	252	98	505	97
19	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	109317	73	76059	88	67709	86
20	DREDGING CORPN. OF INDIA LTD.	0	0	0	15	0	3
21	E. C. G. C. LTD.	327	25	329	26	287	32
22	ELECTRONICS CORPN. OF INDIA LTD.	2	2	2	2	3	2
23	ENGINEERING PROJECTS (INDIA) LTD.	0	1	0	0	0	0
24	ENGINEERS INDIA LTD.	3444	82	3128	91	518	143
25	FERRO SCRAP NIGAM LTD.	9	3	0	0	0	0
26	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1	0	1	0	1	0

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
27	FOOD CORPN. OF INDIA	6294	508	5981	521	6272	500
28	GAIL (INDIA) LTD.	177740	559	141652	515	118374	526
29	GAIL GAS LTD.	0	0	6	0	0	5
30	HIL (INDIA) LTD.	4	4	4	6	3	7
31	HINDUSTAN ANTIBIOTICS LTD.	2	3	2	3	2	3
32	HINDUSTAN COPPER LTD.	29119	41	15764	36	14701	13
33	HINDUSTAN PETROLEUM CORPN. LTD.	138812	399	112114	373	104713	353
34	HINDUSTAN SALTS LTD.	1200	39	1190	39	1066	46
35	HINDUSTAN STEELWORKS COSTN. LTD.	0	0	0	0	0	1
36	HLL LIFECARE LTD.	179	191	0	0	1	0
37	HOUSING & URBAN DEV. CORPN. LTD.	2154	18	1835	17	1625	19
38	I T I LTD.	0	13	0	9	0	8
39	INDIAN CATALYST PVT. LTD.	647	0	647	0	647	0
40	INDIAN OIL CORPORATION LTD.	1490307	3690	1313577	3738	1141781	3621
41	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	274	17	65	3	65	65
42	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	1	1	1	1	1	1
43	IRCON INFRASTRUCTURE & SERVICES LTD.	218	5	201	2	1	0
44	IRCON INTERNATIONAL LTD.	0	24	105	21	22	16
45	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	10	0	15	0	15
46	M M T C LTD.	18	23	18	21	15	24
47	M S T C LTD.	15	16	18	15	14	18
48	MANGALORE REFINERY & PETROCHEMICALS LTD.	9	0	0	0	0	0
49	MECON LTD.	0	21	0	15	0	10
50	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	1	1	0	1
51	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	1	0	2	0	1
52	NATIONAL SEEDS CORPN. LTD.	0	0	0	8	0	18
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1351	32	676	30	659	32
54	NATIONAL TEXTILE CORPN. LTD.	10448	547	10365	485	10305	41
55	NBCC (INDIA) LTD.	8	27	8	28	170	70
56	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	24	0	24	0	12	0
57	NTPC LTD.	232428	321	214465	369	194015	414
58	NUCLEAR POWER CORPN. OF INDIA LTD.	1250502	1440	1020400	1353	853697	1352
59	OIL & NATURAL GAS CORPORATION LTD.	2298773	10469	2022278	10910	1779923	10856
60	OIL INDIA LTD.	32903	6	17237	4	9816	3
61	P E C LTD.	0	2	0	7	0	7
62	POWER GRID CORPORATION OF INDIA LTD.	809589	348	611604	328	489190	315
63	PRIZE PETROLEUM COMPANY LTD.	0	0	1727	1	1727	1
64	PROJECTS & DEVELOPMENT INDIA LTD.	1172	78	1172	84	1152	93
65	RAIL VIKAS NIGAM LTD.	0	14	5	14	0	7
66	RAILTEL CORPORATION INDIA LTD.	0	24	0	22	0	16
67	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	16	0	17	0	15
68	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	8	6	7	6	7	9
69	RASHTRIYA ISPAT NIGAM LTD.	169	8	191	9	85	8
70	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	24	0
71	RITES LTD.	22	54	28	79	26	70
72	RURAL ELECTRIFICATION CORPN. LTD.	215	4	209	4	206	4
73	SCOOTERS INDIA LTD.	0	1	0	1	0	3
74	SJVN LTD.	30819	2	3394	2	660	3

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
75	STATE TRADING CORPN. OF INDIA LTD.	543	25	612	27	612	29
76	STEEL AUTHORITY OF INDIA LTD.	1862	70	1875	95	1809	114
77	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	1	0	2	0	1
78	THDC INDIA LTD.	74023	3	74428	2	3052	1
79	WAPCOS LTD.	80	52	182	64	176	50
STATE TOTAL :		8137672	34640	7005665	35318	5987048	35670
HARYANA							
1	AIRPORTS AUTHORITY OF INDIA	530	0	516	0	0	0
2	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0	0	70	0
3	BALMER LAWRIE & CO. LTD.	4747	24	4523	25	2371	24
4	BHARAT BROADBAND NETWORK LTD.	0	2	12	2	10	4
5	BHARAT ELECTRONICS LTD.	8362	515	2473	511	1849	542
6	BHARAT PETROLEUM CORPN. LTD.	83095	258	52140	268	47261	272
7	BHARAT SANCHAR NIGAM LTD.	605204	3863	583924	4076	576562	4367
8	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	0	6	0
9	CEMENT CORPN. OF INDIA LTD.	997	2	997	2	997	1
10	CENTRAL WAREHOUSING CORPN.	9056	158	7405	110	7282	183
11	CONTAINER CORPORATION OF INDIA LTD.	5513	14	3147	10	1852	9
12	COTTON CORPN. OF INDIA LTD.	240	19	240	22	339	35
13	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	21969	28	5073	3	5073	23
14	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	4
15	E. C. G. C. LTD.	101	14	103	14	78	8
16	ENGINEERS INDIA LTD.	15448	987	15256	1001	13093	865
17	FOOD CORPN. OF INDIA	11396	1450	10751	1535	10191	1498
18	FRESH & HEALTHY ENTERPRISES LTD.	7757	4	5137	2	8061	18
19	GAIL (INDIA) LTD.	43654	55	38648	50	36910	46
20	GAIL GAS LTD.	13814	0	0	0	9471	7
21	HIL (INDIA) LTD.	232	3	244	3	232	11
22	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	1
23	HINDUSTAN PETROLEUM CORPN. LTD.	181100	85	167278	133	153505	128
24	HLL LIFECARE LTD.	236	23	1	8	174	9
25	HMT LTD.	10292	0	10292	150	11594	1043
26	HMT MACHINE TOOLS LTD.	4624	265	4624	297	4678	324
27	HSCC (INDIA) LTD.	0	7	0	12	0	8
28	INDIAN DRUGS & PHARMACEUTICALS LTD.	1431	1	2095	7	7809	7
29	INDIAN OIL CORPORATION LTD.	2362809	3513	2132294	3305	1970529	3267
30	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	167	0	1537	0	632	0
31	INDIAN VACCINE CORP. LTD.	1087	1	1087	2	1050	2
32	INSTRUMENTATION LTD.	0	0	0	0	14	1
33	IRCON INFRASTRUCTURE & SERVICES LTD.	0	1	0	0	0	0
34	IRCON INTERNATIONAL LTD.	1	3	1	3	48	4
35	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	9	0	0	0	12
36	MECON LTD.	0	2	0	0	0	0
37	MISHRA DHATU NIGAM LTD.	1589	0	0	0	0	0
38	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	48	0
39	NATIONAL FERTILIZERS LTD.	133464	534	120518	568	134613	592
40	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	0	0	0	0	151	33

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
41	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	236	14	241	13	241	13
42	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	4148	85	3658	175	1616	177
43	NATIONAL SEEDS CORPN. LTD.	2181	179	2122	188	1996	193
44	NATIONAL SMALL INDUSTRIES CORPN. LTD.	851	34	48	34	42	34
45	NBCC (INDIA) LTD.	0	28	0	47	741	93
46	NHPC LTD.	27276	1444	26487	1611	25913	1619
47	NTPC LTD.	57312	102	55731	114	54220	123
48	NUMALIGARH REFINERY LTD.	0	0	0	0	4	0
49	OIL INDIA LTD.	0	11	0	10	0	6
50	POWER GRID CORPORATION OF INDIA LTD.	960714	1302	769636	1459	679288	1302
51	RAIL VIKAS NIGAM LTD.	7	0	7	0	3	7
52	RAILTEL CORPORATION INDIA LTD.	14200	108	13352	107	7900	68
53	RAILTEL ENTERPRISES LTD.	0	0	0	2	0	2
54	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	8	0	2	0	0	0
55	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	1	3	1	4	0	0
56	RASHTRIYA ISPAT NIGAM LTD.	92	11	92	14	92	14
57	REC POWER DISTRIBUTION CO. LTD.	2	0	2	0	0	0
58	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	71	0
59	RITES LTD.	31507	1030	22818	983	37740	1076
60	RURAL ELECTRIFICATION CORPN. LTD.	20215	18	14259	22	11414	23
61	SJVN LTD.	0	48	0	46	0	45
62	STEEL AUTHORITY OF INDIA LTD.	3230	32	3085	37	3093	43
63	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5	6	4	0	4	5
64	THDC INDIA LTD.	0	0	0	1	0	0
65	WAPCOS LTD.	1456	484	502	353	1902	358
STATE TOTAL :		4652356	16779	4082363	17339	3832833	18549
HIMACHAL PRADESH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	9	29	9	29	0	0
2	AIRPORTS AUTHORITY OF INDIA	9922	96	8961	0	0	0
3	BHARAT BROADBAND NETWORK LTD.	0	0	5	0	3	1
4	BHARAT PETROLEUM CORPN. LTD.	19	3	13	3	13	3
5	BHARAT SANCHAR NIGAM LTD.	218304	2748	212132	2816	211733	2951
6	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	0	0	2
7	CEMENT CORPN. OF INDIA LTD.	4997	187	4995	214	4951	206
8	CENTRAL WAREHOUSING CORPN.	301	7	301	40	271	8
9	CONTAINER CORPORATION OF INDIA LTD.	1202	2	1198	2	1197	2
10	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	13	0	13	0	7	0
11	FOOD CORPN. OF INDIA	1070	176	1043	191	953	196
12	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	1
13	HINDUSTAN PETROLEUM CORPN. LTD.	11618	21	9254	19	5894	18
14	HINDUSTAN PREFAB LTD.	0	0	0	0	0	1
15	HINDUSTAN SALTS LTD.	76	6	165	7	123	2
16	HLL LIFECARE LTD.	86	139	0	1	24	0
17	HOUSING & URBAN DEV. CORPN. LTD.	0	2	0	2	0	2
18	HSCC (INDIA) LTD.	0	1	0	0	0	2
19	INDIAN OIL CORPORATION LTD.	38626	91	25924	87	19598	83
20	INSTRUMENTATION LTD.	3	1	3	1	0	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
21	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	2	0	3	0	0
22	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	1	1	1	1
23	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	1	1	0	0	0	0
24	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	1	0	3	0	4
25	NBCC (INDIA) LTD.	4	19	4	33	4	30
26	NHPC LTD.	1335252	1472	1271922	1600	1199012	1755
27	NMDC Ltd.	21	1	21	1	21	1
28	NTPC LTD.	704578	137	686767	155	681612	185
29	NUMALIGARH REFINERY LTD.	0	0	1	0	0	0
30	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	0	3886	0
31	OIL INDIA LTD.	0	2	0	2	0	2
32	POWER GRID CORPORATION OF INDIA LTD.	165670	78	159304	82	148208	85
33	POWERGRID KALA AMB TRANSMISSION LTD.	31593	0	21152	0	1125	0
34	RAILTEL CORPORATION INDIA LTD.	0	0	0	0	0	1
35	RURAL ELECTRIFICATION CORPN. LTD.	143	7	133	5	129	5
36	SJVN LTD.	916291	1087	926673	1158	1314543	1218
37	STEEL AUTHORITY OF INDIA LTD.	7691	5	7047	1	6359	1
38	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	1	0	2	0	1
39	WAPCOS LTD.	1	0	0	0	1	0
STATE TOTAL :		3447491	6323	3337041	6458	3599668	6767
JAMMU & KASHMIR							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	110	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	87	123	87	123	0	23
3	AIRPORTS AUTHORITY OF INDIA	39742	151	38932	0	0	0
4	BEML LTD.	13	12	11	11	11	15
5	BHARAT BROADBAND NETWORK LTD.	0	1	8	2	5	1
6	BHARAT PETROLEUM CORPN. LTD.	11558	28	7067	27	6296	27
7	BHARAT SANCHAR NIGAM LTD.	201141	1835	199595	1875	195346	2009
8	CENTRAL WAREHOUSING CORPN.	12	1	12	0	12	0
9	E. C. G. C. LTD.	0	1	0	1	0	1
10	ENGINEERING PROJECTS (INDIA) LTD.	0	5	178	7	12	7
11	FOOD CORPN. OF INDIA	4433	238	4261	256	4128	245
12	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	1
13	HINDUSTAN PETROLEUM CORPN. LTD.	21566	80	19005	79	16400	76
14	HINDUSTAN PREFAB LTD.	0	0	0	8	0	0
15	HLL LIFECARE LTD.	0	3	0	0	0	0
16	HOTEL CORPN. OF INDIA LTD.	1053	219	1054	241	2439	256
17	HOUSING & URBAN DEV. CORPN. LTD.	523	9	524	8	525	10
18	HSCC (INDIA) LTD.	0	0	0	1	0	0
19	I T I LTD.	263	95	262	102	867	139
20	INDIA TOURISM DEV. CORPN. LTD.	164	19	160	14	309	12
21	INDIAN OIL CORPORATION LTD.	43669	118	36621	119	31373	121
22	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	7	0	7	0	5
23	IRCON INFRASTRUCTURE & SERVICES LTD.	648	2	647	1	637	0
24	IRCON INTERNATIONAL LTD.	216	246	214	157	198	188
25	J & K MINERAL DEVELOPMENT CORPN. LTD.	2848	5	2740	6	2750	6
26	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	61	16	62	16	0	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
27	KONKAN RAILWAY CORPORATION LTD.	0	95	0	94	0	90
28	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	1	2	1	2
29	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	27	2	17	0	9	9
30	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	10	31	7	34	6	33
31	NATIONAL SEEDS CORPN. LTD.	0	0	0	1	0	1
32	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	1	0	1	0	0
33	NBCC (INDIA) LTD.	0	20	0	12	3	15
34	NHPC LTD.	1404098	2093	1358944	2293	1301857	2582
35	NMDC Ltd.	0	1	0	2	0	2
36	NTPC LTD.	0	1	0	1	0	1
37	POWER GRID CORPORATION OF INDIA LTD.	306557	352	275038	323	251037	328
38	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	1
39	REC POWER DISTRIBUTION CO. LTD.	0	1	0	1	0	0
40	rites LTD.	0	3	0	1	0	3
41	RURAL ELECTRIFICATION CORPN. LTD.	29	5	24	7	19	8
42	SJVN LTD.	0	7	0	7	0	8
43	STEEL AUTHORITY OF INDIA LTD.	893	8	894	12	888	14
44	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	40	2	41	4	39	5
45	THDC INDIA LTD.	0	1	0	1	0	1
46	WAPCOS LTD.	13	0	11	4	3	1
STATE TOTAL :		2039774	5840	1946417	5862	1815170	6246
JHARKHAND							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	7	19	7	19	4	3
2	AIRPORTS AUTHORITY OF INDIA	37149	131	36177	0	0	0
3	BALMER LAWRIE & CO. LTD.	0	1	0	0	0	0
4	BEML LTD.	321	123	284	138	276	134
5	BHARAT BROADBAND NETWORK LTD.	0	2	23	2	17	2
6	BHARAT COKING COAL LTD.	404187	47411	308186	50155	264322	52616
7	BHARAT PETROLEUM CORPN. LTD.	15782	80	12599	79	10715	75
8	BHARAT SANCHAR NIGAM LTD.	409273	2122	399077	2269	375487	2413
9	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	180	5	0	24
10	BRIDGE & ROOF CO.(INDIA) LTD.	173	25	500	27	845	12
11	BURN STANDARD COMPANY LTD.	167	0	167	0	167	0
12	CENTRAL COALFIELDS LTD.	545309	40777	457505	42132	345135	43681
13	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	11772	1384	10152	1426	9934	1486
14	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	746	0	746	0	744	0
15	CENTRAL WAREHOUSING CORPN.	185	3	185	14	178	12
16	COAL INDIA LTD.	0	3	0	0	0	0
17	CONTAINER CORPORATION OF INDIA LTD.	75	3	75	2	66	3
18	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	1	0	0
19	DEOGHAR INFRA LTD.	25	0	15	0	0	0
20	DEOGHAR MEGA POWER LTD.	1475	0	1067	0	868	0
21	DREDGING CORPN. OF INDIA LTD.	0	0	0	2	0	2
22	EASTERN COALFIELDS LTD.	97124	8569	79302	8808	25429	9127
23	ENGINEERING PROJECTS (INDIA) LTD.	0	7	13	6	12	6
24	ENGINEERS INDIA LTD.	0	5	0	0	0	0
25	FERRO SCRAP NIGAM LTD.	698	123	693	123	598	152

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
26	FERTILIZER CORPN. OF INDIA LTD.	46609	1	46718	1	46718	2
27	FOOD CORPN. OF INDIA	2095	356	2013	367	1788	362
28	GAIL (INDIA) LTD.	134	45	0	4	0	0
29	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1374	47	2666	56	2637	74
30	HEAVY ENGINEERING CORPN. LTD.	39828	1374	39048	1439	39261	1534
31	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	4
32	HINDUSTAN COPPER LTD.	20616	589	10790	637	9473	696
33	HINDUSTAN PETROLEUM CORPN. LTD.	42883	81	39679	81	38275	85
34	HINDUSTAN PREFAB LTD.	0	2	0	0	0	1
35	HINDUSTAN STEELWORKS COSTN. LTD.	995	4	888	6	3586	9
36	HLL LIFECARE LTD.	1	10	0	0	0	0
37	HOUSING & URBAN DEV. CORPN. LTD.	52	15	53	14	56	15
38	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	1	0	0
39	INDIAN OIL CORPORATION LTD.	127193	275	88072	247	73274	266
40	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	2	0	2	0	2
41	IRCON INTERNATIONAL LTD.	53	35	54	22	47	25
42	JHARKHAND CENTRAL RAILWAY LTD.	18429	0	0	0	0	0
43	JHARKHAND INFRAPOWER LTD.	4	0	1	0	1	0
44	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	14	0	11	0	15
45	M M T C LTD.	0	29	0	36	0	32
46	M S T C LTD.	1	3	1	2	0	0
47	MECON LTD.	9613	755	9410	829	9124	899
48	MEDINIPUR-JEERAT TRANSMISSION LTD.	6311	0	0	0	0	0
49	MINERAL EXPLORATION CORPN. LTD.	1046	96	170	62	1151	163
50	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	0	1	1	2
51	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	74	63	44	75	43	90
52	NATIONAL SEEDS CORPN. LTD.	0	0	0	7	0	5
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	12	0	11	6	14
54	NBCC (INDIA) LTD.	3	65	2	49	23	60
55	NEYVELI UTTAR PRADESH POWER LTD	327	5	373	5	2	5
56	NMDC Ltd.	1	1	1	1	1	1
57	NTPC LTD.	1135355	245	793598	196	483346	191
58	OIL & NATURAL GAS CORPORATION LTD.	22011	155	17856	149	20679	128
59	OIL INDIA LTD.	0	21	0	19	0	16
60	PATRATU VIDYUT UTPADAN NIGAM LTD.	107739	86	13201	84	460	30
61	PFC CONSULTING LTD.	1	0	0	0	0	0
62	POWER GRID CORPORATION OF INDIA LTD.	477807	173	449819	188	433538	177
63	PROJECTS & DEVELOPMENT INDIA LTD.	2857	27	2825	29	2788	35
64	RAILTEL CORPORATION INDIA LTD.	0	5	0	5	0	5
65	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	539	32	88	37	279	38
66	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	0	0	0	0	0	4
67	RASHTRIYA ISPAT NIGAM LTD.	0	0	0	0	0	5
68	REC POWER DISTRIBUTION CO. LTD.	4	5	1	2	0	0
69	RITES LTD.	0	19	12	18	12	19
70	RURAL ELECTRIFICATION CORPN. LTD.	32	4	30	3	26	5
71	SJVN LTD.	0	23	0	21	0	21
72	STEEL AUTHORITY OF INDIA LTD.	2197681	17553	2051619	18901	1757761	20250
73	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	2	0	4	0	2

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
74	URANIUM CORPORATION OF INDIA LTD.	100824	4216	97389	4280	92089	4238
75	WAPCOS LTD.	79	17	62	13	55	13
STATE TOTAL :		5887039	127252	4973436	133123	4051297	139286
KARNATAKA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	76	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	86	0	86	0	2
3	AIR INDIA EXPRESS LTD.	0	69	16	65	0	82
4	AIRLINE ALLIED SERVICES LTD.	0	27	0	0	0	0
5	AIRPORTS AUTHORITY OF INDIA	84202	630	119452	0	0	0
6	ANTRIX CORPORATION LTD.	1762	75	1689	80	1547	75
7	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	401	11	385	12	380	12
8	BALMER LAWRIE & CO. LTD.	287	22	274	24	350	22
9	BEL-THALES SYSTEMS LTD.	1274	13	372	12	53	8
10	BEML LTD.	78971	6657	72862	7107	51541	7691
11	BHARAT BROADBAND NETWORK LTD.	0	4	2868	4	2061	5
12	BHARAT ELECTRONICS LTD.	205044	5202	145488	5149	96807	5129
13	BHARAT HEAVY ELECTRICALS LTD.	38885	2739	37738	2893	19722	2992
14	BHARAT PETROLEUM CORPN. LTD.	129047	285	82720	285	74450	288
15	BHARAT SANCHAR NIGAM LTD.	1836334	12959	1784121	14100	1795348	15341
16	BRIDGE & ROOF CO.(INDIA) LTD.	15	22	0	12	85	7
17	BROADCAST ENGG. CONSULTANTS INDIA LTD.	15	4	10	5	10	5
18	CEMENT CORPN. OF INDIA LTD.	1708	2	1708	1	1708	1
19	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	139	11	139	11	144	11
20	CENTRAL ELECTRONICS LTD.	0	3	0	3	0	4
21	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2231	1	2226	3	2250	2
22	CENTRAL WAREHOUSING CORPN.	11190	188	10490	140	9971	163
23	COAL INDIA LTD.	5	9	2	9	2	9
24	COASTAL KARNATAKA POWER LTD.	568	0	440	0	440	0
25	CONTAINER CORPORATION OF INDIA LTD.	5750	47	5690	43	4674	44
26	COTTON CORPN. OF INDIA LTD.	10	19	9	24	38	32
27	DREDGING CORPN. OF INDIA LTD.	13	0	0	127	0	1
28	E. C. G. C. LTD.	653	26	654	25	652	26
29	ELECTRONICS CORPN. OF INDIA LTD.	48	28	49	34	51	43
30	ENGINEERING PROJECTS (INDIA) LTD.	32	8	32	5	27	7
31	ENGINEERS INDIA LTD.	0	16	0	19	0	40
32	FERRO SCRAP NIGAM LTD.	61	0	61	9	251	5
33	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35	21	35	21	35	30
34	FOOD CORPN. OF INDIA	10513	795	10076	665	9746	638
35	GAIL (INDIA) LTD.	168461	122	253535	109	247566	105
36	GAIL GAS LTD.	61549	0	0	0	14377	27
37	HINDUSTAN AERONAUTICS LTD.	444292	14399	26022	14268	482905	14546
38	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	2
39	HINDUSTAN COPPER LTD.	14	4	14	4	16	6
40	HINDUSTAN PETROLEUM CORPN. LTD.	286277	571	255561	545	206917	579
41	HINDUSTAN PREFAB LTD.	0	0	0	5	0	0
42	HINDUSTAN STEELWORKS COSTN. LTD.	2	0	2	2	7	2
43	HLL LIFECARE LTD.	6514	461	14396	442	530	466

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
44	HMT (INTERNATIONAL) LTD.	739	26	739	28	734	32
45	HMT LTD.	1521	36	1519	43	1509	48
46	HMT MACHINE TOOLS LTD.	10167	444	12033	507	12666	585
47	HMT WATCHES LTD.	0	0	0	0	9	224
48	HOUSING & URBAN DEV. CORPN. LTD.	500	31	500	30	500	33
49	HSCC (INDIA) LTD.	0	1	0	1	0	2
50	I T I LTD.	187208	541	181072	585	226605	754
51	INDIA TOURISM DEV. CORPN. LTD.	3	22	129	23	377	24
52	INDIA TRADE PROMOTION ORGANISATION	4	0	0	0	12	4
53	INDIAN OIL CORPORATION LTD.	256401	704	220323	704	197112	723
54	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	48	49	90	49	86	43
55	IRCON INFRASTRUCTURE & SERVICES LTD.	547	2	547	0	546	0
56	IRCON INTERNATIONAL LTD.	148	27	148	9	295	10
57	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	11550	326	8957	346	6827	324
58	KARNATAKA TRADE PROMOTION ORGANISATION	3164	1	3114	1	2554	2
59	KARNATAKA VIJAY NAGAR STEEL LTD.	63961	0	0	0	0	0
60	KIOCL LTD.	26170	882	27036	904	26483	902
61	KONKAN RAILWAY CORPORATION LTD.	135027	1176	134784	1206	133334	1167
62	KUMARAKRUPPA FRONTIER HOTELS LTD.	92	0	93	0	93	0
63	M M T C LTD.	0	57	0	59	0	86
64	M S T C LTD.	11	17	15	21	14	22
65	MADRAS FERTILIZERS LTD.	46	33	46	36	46	35
66	MANGALORE REFINERY & PETROCHEMICALS LTD.	1672963	1876	1575611	1881	1576698	1775
67	MECON LTD.	1964	101	1914	133	4240	136
68	MINERAL EXPLORATION CORPN. LTD.	1	9	179	66	14	22
69	NATIONAL ALUMINIUM COMPANY LTD.	0	2	0	3	0	5
70	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	3	2	3	2	3
71	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	159	27	137	16	139	19
72	NATIONAL RESEARCH DEVELOPMENT CORPN.	0	2	0	3	0	3
73	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	2	3	2	3	1	3
74	NATIONAL SEEDS CORPN. LTD.	4218	102	3986	105	2857	101
75	NATIONAL SMALL INDUSTRIES CORPN. LTD.	177	32	167	29	162	30
76	NATIONAL TEXTILE CORPN. LTD.	8450	579	9087	373	9034	390
77	NBCC (INDIA) LTD.	1	3	1	7	3	21
78	NLC INDIA LTD.	1	5	1	5	1	5
79	NMDC Ltd.	137746	1091	125979	1150	120988	1207
80	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	3	2	3	4	2	4
81	NTPC LTD.	1463734	409	1311638	294	1026604	261
82	NUCLEAR POWER CORPN. OF INDIA LTD.	308790	1531	306954	1511	306842	1536
83	OIL INDIA LTD.	0	2	0	2	0	1
84	ONGC MANGALORE PETROCHEMICALS LTD.	671965	474	668977	457	679772	465
85	POWER GRID CORPORATION OF INDIA LTD.	564015	527	280895	430	229766	396
86	POWER SYSTEM OPERATION CORPORATION LTD.	3089	75	3096	72	2885	65
87	POWERGRID NM TRANSMISSION LTD.	25861	0	16385	3	73893	3
88	RAIL VIKAS NIGAM LTD.	123	28	104	22	76	17
89	RAILTEL CORPORATION INDIA LTD.	0	12	0	11	0	14
90	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	5	0	6	0	6
91	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	38	29	32	28	32	32

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
92	RASHTRIYA ISPAT NIGAM LTD.	480	8	480	10	485	10
93	REC POWER DISTRIBUTION CO. LTD.	3	1	3	1	4	0
94	RITES LTD.	0	32	0	47	0	65
95	RURAL ELECTRIFICATION CORPN. LTD.	332	10	324	8	311	11
96	SCOOTERS INDIA LTD.	0	1	0	1	0	1
97	SJVN LTD.	0	2	0	2	0	2
98	SOLAR ENERGY CORPORATION OF INDIA	5	0	0	0	0	0
99	STATE TRADING CORPN. OF INDIA LTD.	4211	16	4994	22	4987	15
100	STCL LTD.	311	11	244	13	558	13
101	STEEL AUTHORITY OF INDIA LTD.	43216	405	42995	503	41166	594
102	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	3	0	3	0	3
103	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	2033	75
104	URANIUM CORPORATION OF INDIA LTD.	243	0	192	0	123	0
105	VIGNYAN INDUSTRIES LTD.	950	95	909	86	1694	95
106	WAPCOS LTD.	21	11	24	10	20	7
STATE TOTAL :		8986757	57435	7775596	58223	7719855	60879
KERALA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	110	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	2429	677	2429	677	2276	53
3	AIR INDIA EXPRESS LTD.	449	507	340	211	0	359
4	AIRLINE ALLIED SERVICES LTD.	0	1	0	0	0	0
5	AIRPORTS AUTHORITY OF INDIA	135282	867	124840	0	0	0
6	BALMER LAWRIE & CO. LTD.	17	6	16	6	16	6
7	BEML LTD.	25	304	24	316	15346	290
8	BHARAT BROADBAND NETWORK LTD.	0	3	18	3	14	2
9	BHARAT PETROLEUM CORPN. LTD.	2241031	2373	2041198	2400	1612254	2363
10	BHARAT SANCHAR NIGAM LTD.	1490450	11113	1451085	11717	1466991	12510
11	BHEL ELECTRICAL MACHINES LTD.	1096	168	1096	174	1092	178
12	BPCL-KIAL FUEL PVT. LTD.	180	0	180	0	180	0
13	BRIDGE & ROOF CO.(INDIA) LTD.	431	43	0	65	1306	87
14	CENTRAL WAREHOUSING CORPN.	6056	87	5895	55	5385	60
15	COCHIN SHIPYARD LTD.	56859	1782	49435	1829	68635	1671
16	CONTAINER CORPORATION OF INDIA LTD.	4898	6	4549	8	2207	7
17	DREDGING CORPN. OF INDIA LTD.	2	85	0	0	0	46
18	E. C. G. C. LTD.	245	10	245	10	245	12
19	ENGINEERING PROJECTS (INDIA) LTD.	20	4	17	4	8	4
20	ENGINEERS INDIA LTD.	0	51	0	125	0	148
21	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35096	1889	34489	2107	149172	2307
22	FOOD CORPN. OF INDIA	12222	717	11143	739	10634	723
23	GAIL (INDIA) LTD.	45896	37	135870	33	131639	31
24	HIL (INDIA) LTD.	7211	166	6268	190	5978	210
25	HINDUSTAN AERONAUTICS LTD.	0	58	0	59	0	60
26	HINDUSTAN ANTIBIOTICS LTD.	4	6	3	6	3	5
27	HINDUSTAN NEWSPRINT LTD.	56695	450	57584	495	53986	563
28	HINDUSTAN ORGANIC CHEMICALS LTD.	7266	284	34941	308	28266	344
29	HINDUSTAN PETROLEUM CORPN. LTD.	56820	176	48386	180	43639	192
30	HINDUSTAN PREFAB LTD.	0	2	30	0	0	4

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
31	HLL INFRA TECH SERVICES LTD.	35	50	20	56	0	293
32	HLL LIFECARE LTD.	38374	1379	22245	1120	22105	1153
33	HMT MACHINE TOOLS LTD.	5721	204	5698	236	5717	265
34	HOUSING & URBAN DEV. CORPN. LTD.	565	27	572	29	568	29
35	HSCC (INDIA) LTD.	0	1	0	1	0	1
36	I T I LTD.	15474	417	10511	394	21724	446
37	INDIA TOURISM DEV. CORPN. LTD.	4	0	0	2	0	0
38	INDIAN OIL CORPORATION LTD.	171458	464	145608	463	117963	470
39	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	70	27	2160	27	78	22
40	INDIAN RARE EARTHS LTD.	29013	518	28615	553	27880	595
41	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	31123	0	29398	0	1403	0
42	INSTRUMENTATION LTD.	2960	299	2960	299	2956	303
43	IRCON INFRASTRUCTURE & SERVICES LTD.	851	0	851	0	851	0
44	IRCON INTERNATIONAL LTD.	39	7	1101	15	495	28
45	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	17	0	23	0	16
46	KONKAN RAILWAY CORPORATION LTD.	0	1	0	0	0	0
47	M M T C LTD.	0	6	0	7	0	0
48	M S T C LTD.	1	6	1	5	1	2
49	MADRAS FERTILIZERS LTD.	5	6	5	7	5	7
50	MANGALORE REFINERY & PETROCHEMICALS LTD.	390	0	390	0	390	0
51	MAZAGON DOCK SHIPBUILDERS LTD.	0	1	0	1	0	1
52	MECON LTD.	0	6	0	2	0	8
53	NATIONAL FILM DEV. CORPN. LTD.	0	4	0	4	0	0
54	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	14	9	14	10	12	11
55	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	1	0	1	0	0
56	NATIONAL SEEDS CORPN. LTD.	0	0	0	2	0	3
57	NATIONAL SMALL INDUSTRIES CORPN. LTD.	144	5	144	7	52	9
58	NATIONAL TEXTILE CORPN. LTD.	12687	2240	13540	1305	13462	1333
59	NBCC (INDIA) LTD.	0	8	0	13	0	16
60	NHPC LTD.	0	0	0	1	0	1
61	NTPC LTD.	60961	99	60026	118	58869	138
62	OIL INDIA LTD.	0	9	0	10	0	10
63	PETRONET CCK LTD.	6639	43	6639	43	6444	41
64	POWER GRID CORPORATION OF INDIA LTD.	184911	106	150070	91	150070	82
65	RAILTEL CORPORATION INDIA LTD.	0	7	0	7	0	14
66	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	1	0	1	0	1
67	RASHTRIYA ISPAT NIGAM LTD.	33	7	33	8	33	9
68	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	228	0
69	RITES LTD.	0	3	217	4	0	4
70	RURAL ELECTRIFICATION CORPN. LTD.	257	7	246	8	237	9
71	SJVN LTD.	0	2	0	2	0	2
72	STATE TRADING CORPN. OF INDIA LTD.	86	20	116	23	115	27
73	STEEL AUTHORITY OF INDIA LTD.	806	9	805	9	807	9
74	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	7	0	3	0	0
75	WAPCOS LTD.	7	11	13	8	13	7
STATE TOTAL :		4723418	27906	4492079	26635	4031750	27600
LAKSHADWEEP							

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	3	2	3	2	0	0
2	AIRPORTS AUTHORITY OF INDIA	3988	26	3546	0	0	0
3	NBCC (INDIA) LTD.	0	1	0	0	0	0
4	RAIL VIKAS NIGAM LTD.	0	125	0	0	0	0
STATE TOTAL :		3991	154	3549	2	0	0
MADHYA PRADESH							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	360	127	360	127	24	14
2	AIRLINE ALLIED SERVICES LTD.	0	1	2	0	0	0
3	AIRPORTS AUTHORITY OF INDIA	70036	420	85945	0	0	0
4	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	350	12	265	12	242	12
5	BALMER LAWRIE & CO. LTD.	0	0	0	2	0	3
6	BEML LTD.	313	89	311	94	302	98
7	BHARAT BROADBAND NETWORK LTD.	0	11	68	10	61	8
8	BHARAT HEAVY ELECTRICALS LTD.	56000	5785	53235	6078	52262	6351
9	BHARAT PETROLEUM CORPN. LTD.	193597	287	159568	290	146609	287
10	BHARAT SANCHAR NIGAM LTD.	1096351	7204	1068690	7677	1082640	8148
11	BRIDGE & ROOF CO.(INDIA) LTD.	31	30	0	37	138	39
12	BURN STANDARD COMPANY LTD.	5058	0	5058	0	5058	0
13	CEMENT CORPN. OF INDIA LTD.	19748	1	19749	1	19749	1
14	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2219	244	2194	238	1164	227
15	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	816	2	816	2	0	2
16	CENTRAL WAREHOUSING CORPN.	9667	242	9602	208	9402	232
17	CONTAINER CORPORATION OF INDIA LTD.	18756	49	12868	48	7827	34
18	COTTON CORPN. OF INDIA LTD.	89	29	87	34	172	44
19	DREDGING CORPN. OF INDIA LTD.	0	0	0	4	0	1
20	E. C. G. C. LTD.	24	6	25	7	25	8
21	ENGINEERING PROJECTS (INDIA) LTD.	4	8	3	8	0	6
22	ENGINEERS INDIA LTD.	0	30	0	31	0	23
23	FOOD CORPN. OF INDIA	5261	733	4436	735	4106	714
24	GAIL (INDIA) LTD.	699283	586	616201	597	590389	570
25	GAIL GAS LTD.	10025	0	8167	0	7271	7
26	HINDUSTAN ANTIBIOTICS LTD.	2	10	2	11	2	13
27	HINDUSTAN COPPER LTD.	20438	451	19317	505	14506	594
28	HINDUSTAN PETROLEUM CORPN. LTD.	83636	208	72178	219	53412	218
29	HINDUSTAN PREFAB LTD.	0	1	0	23	0	3
30	HINDUSTAN STEELWORKS COSTN. LTD.	0	0	0	0	10	0
31	HLL LIFECARE LTD.	42	55	0	0	1	0
32	HOUSING & URBAN DEV. CORPN. LTD.	336	22	336	21	333	22
33	HSCC (INDIA) LTD.	0	3	0	4	0	0
34	I T I LTD.	0	31	0	10	0	9
35	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	2	0	0
36	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	217	0
37	INDIAN OIL CORPORATION LTD.	172622	578	137101	575	116441	557
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	96	28	104	17	101	15
39	IRCON INFRASTRUCTURE & SERVICES LTD.	1575	0	1575	0	1575	0
40	IRCON INTERNATIONAL LTD.	2672	101	3414	41	2442	30
41	IRCON SHIVPURI GUNA TOLLWAY LTD.	68253	0	30068	0	656	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
42	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	34	0	32	0	33
43	KONKAN RAILWAY CORPORATION LTD.	0	7	0	3	0	3
44	M S T C LTD.	1	6	1	4	1	5
45	MECON LTD.	0	7	0	10	0	21
46	MINERAL EXPLORATION CORPN. LTD.	721	73	645	117	913	120
47	MOIL LTD.	50320	2922	41117	3015	34078	3113
48	NATIONAL FERTILIZERS LTD.	88627	691	85697	715	86978	748
49	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	11	3	2	2
50	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	2	0	0	1	14	0
51	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	3	1	3	1	3
52	NATIONAL SEEDS CORPN. LTD.	476	75	469	64	473	49
53	NATIONAL SMALL INDUSTRIES CORPN. LTD.	43	12	43	10	41	11
54	NATIONAL TEXTILE CORPN. LTD.	14778	4	16674	222	16577	236
55	NBCC (INDIA) LTD.	4	20	4	46	4	67
56	NEPA LTD.	27406	698	25235	581	15419	803
57	NHDC LTD.	200359	546	152036	547	191059	556
58	NHPC LTD.	0	77	0	78	0	90
59	NMDC Ltd.	1926	190	1821	196	2799	200
60	NORTHERN COALFIELDS LTD.	362927	8773	322725	8940	256667	9335
61	NTPC LTD.	3005159	1808	2413353	1724	1886302	1741
62	OIL & NATURAL GAS CORPORATION LTD.	6511	0	6488	0	6586	0
63	OIL INDIA LTD.	45923	11	33558	7	29279	6
64	PFC CONSULTING LTD.	1	0	0	0	0	0
65	POWER GRID CORPORATION OF INDIA LTD.	2260604	388	2208563	395	2036597	395
66	POWER GRID JABALPUR TRANSMISSION LTD.	116826	0	22803	0	2110	0
67	POWER GRID WARORA TRANSMISSION LTD.	104389	0	77952	0	0	0
68	RAIL VIKAS NIGAM LTD.	163	34	115	34	93	33
69	RAILTEL CORPORATION INDIA LTD.	0	16	0	15	0	13
70	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	7	0	7	0	6
71	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2	8	2	6	2	4
72	RASHTRIYA ISPAT NIGAM LTD.	23	5	23	3	23	3
73	REC POWER DISTRIBUTION CO. LTD.	0	1	0	1	0	0
74	RITES LTD.	0	42	0	30	0	23
75	RURAL ELECTRIFICATION CORPN. LTD.	478	11	460	11	443	12
76	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	86781	2315	72483	2431	78608	2553
77	SJVN LTD.	0	23	0	23	0	23
78	SOUTH EASTERN COALFIELDS LTD.	115670	14346	108409	15172	92106	24261
79	STATE TRADING CORPN. OF INDIA LTD.	82	4	117	4	117	5
80	STCL LTD.	147	0	215	0	500	0
81	STEEL AUTHORITY OF INDIA LTD.	5131	165	4690	188	4643	219
82	TCIL BINA TOLL ROAD LTD.	12072	30	12071	32	12071	0
83	TCIL LAKHNADONE TOLL ROAD LTD.	9161	0	8855	0	7695	0
84	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2088	17	2953	20	3047	24
85	THDC INDIA LTD.	0	5	0	5	0	0
86	WAPCOS LTD.	36	16	23	21	16	11
87	WESTERN COALFIELDS LTD.	49134	12672	45896	13832	42205	14784
STATE TOTAL :		9105632	63448	7977253	66216	6924606	77801

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
	MAHARASHTRA						
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	27	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	22889	2497	22889	2497	21258	1432
3	AIR INDIA EXPRESS LTD.	338728	434	328919	652	0	187
4	AIRLINE ALLIED SERVICES LTD.	154	36	11	31	8	0
5	AIRPORTS AUTHORITY OF INDIA	170950	2458	165090	0	400010	4228
6	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0	2	0	2	0	2
7	BALMER LAWRIE & CO. LTD.	18213	159	17354	157	18667	154
8	BEL OPTRONICS DEVICES LTD.	38791	137	36824	127	27463	130
9	BEML LTD.	276	72	284	78	278	90
10	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1154	12	1153	12	1153	11
11	BHARAT BROADBAND NETWORK LTD.	0	7	42	6	42	3
12	BHARAT DYNAMICS LTD.	3927	0	3927	0	3927	0
13	BHARAT ELECTRONICS LTD.	15383	689	12200	709	6251	725
14	BHARAT HEAVY ELECTRICALS LTD.	10849	646	10231	761	9953	809
15	BHARAT PETRO RESOURCES LTD.	214	2	200	2	189	47
16	BHARAT PETROLEUM CORPN. LTD.	1379912	4852	1549128	5056	1200735	5119
17	BHARAT PUMPS & COMPRESSORS LTD.	18	3	18	3	18	4
18	BHARAT SANCHAR NIGAM LTD.	1925283	16522	1898302	18013	1925693	19456
19	BRIDGE & ROOF CO.(INDIA) LTD.	215	105	0	91	382	131
20	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	59	29	81	29	78	30
21	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1840	420	1547	445	1306	464
22	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	4839	5	4837	6	5304	5
23	CENTRAL WAREHOUSING CORPN.	31465	358	30505	380	30351	440
24	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	254	49	243	51	234	52
25	COAL INDIA LTD.	7	9	1	8	1	8
26	COASTAL MAHARASHTRA MEGA POWER LTD.	970	0	802	0	802	0
27	CONCOR AIR LTD.	4504	0	4365	0	3777	0
28	CONTAINER CORPORATION OF INDIA LTD.	26781	179	19378	184	12703	168
29	COTTON CORPN. OF INDIA LTD.	946	260	956	287	7019	309
30	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	79665	51	8398	70	8308	40
31	DREDGING CORPN. OF INDIA LTD.	29	17	0	0	0	11
32	E. C. G. C. LTD.	17819	276	17822	280	14620	286
33	ELECTRONICS CORPN. OF INDIA LTD.	192	77	194	78	198	86
34	ENGINEERING PROJECTS (INDIA) LTD.	112	22	128	21	129	28
35	ENGINEERS INDIA LTD.	1937	83	1748	86	1525	81
36	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	15	0	15	2	15	0
37	FOOD CORPN. OF INDIA	11511	1184	10974	1226	10472	1050
38	GAIL (INDIA) LTD.	316858	150	203623	201	208103	221
39	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	9	6	0	0	0	0
40	GOA SHIPYARD LTD.	3	5	3	5	3	6
41	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	407	2	407	2	14	2
42	HIL (INDIA) LTD.	8230	479	8105	524	7947	602
43	HINDUSTAN AERONAUTICS LTD.	162629	4812	241510	4893	223288	4978
44	HINDUSTAN ANTIBIOTICS LTD.	22585	873	22522	886	22493	911
45	HINDUSTAN COPPER LTD.	945	124	854	118	744	124
46	HINDUSTAN ORGANIC CHEMICALS LTD.	27749	186	166688	560	36990	613
47	HINDUSTAN PETROLEUM CORPN. LTD.	2055975	4095	1801394	4232	1487961	4278

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
48	HINDUSTAN PREFAB LTD.	0	0	0	3	0	0
49	HINDUSTAN STEELWORKS COSTN. LTD.	1	1	3	0	12	4
50	HLL LIFECARE LTD.	283	123	0	29	121	20
51	HMT LTD.	591	65	583	75	580	80
52	HOTEL CORPN. OF INDIA LTD.	411	160	408	314	916	211
53	HOUSING & URBAN DEV. CORPN. LTD.	875	28	871	27	868	30
54	HSCC (INDIA) LTD.	0	5	0	2	0	1
55	I T I LTD.	121	94	121	31	277	33
56	INDIA TOURISM DEV. CORPN. LTD.	5	12	5	10	11	9
57	INDIA TRADE PROMOTION ORGANISATION	31	17	31	17	30	17
58	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	7	0
59	INDIAN OIL CORPORATION LTD.	255448	2428	208522	2395	183923	2453
60	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	3057	198	3133	198	3259	165
61	INDIAN RARE EARTHS LTD.	634	71	627	78	616	82
62	INSTRUMENTATION LTD.	100	4	100	4	99	5
63	IRCON INTERNATIONAL LTD.	644	79	385	26	362	25
64	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	41	0	47	0	46
65	KONKAN RAILWAY CORPORATION LTD.	270154	2637	243724	2562	234815	2511
66	M M T C LTD.	505	98	504	105	496	117
67	M S T C LTD.	110	27	86	28	67	33
68	MAHANAGAR TELEPHONE NIGAM LTD.	1297448	13244	1148801	14766	1280088	16193
69	MANGALORE REFINERY & PETROCHEMICALS LTD.	11	10	9	7	9	5
70	MAZAGON DOCK SHIPBUILDERS LTD.	83786	4794	70489	5077	80042	8928
71	MECON LTD.	684	12	682	8	685	7
72	MILLENNIUM TELECOM LTD.	0	0	0	0	38	0
73	MINERAL EXPLORATION CORPN. LTD.	4552	420	3677	431	3739	369
74	MOIL LTD.	53536	3153	43013	3182	33054	3187
75	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5585	283	5535	230	5458	213
76	NATIONAL ALUMINIUM COMPANY LTD.	35611	9	35603	11	4110	11
77	NATIONAL BACKWARD CLASSES FINANCE & DEVPCO.	53	0	53	1	51	1
78	NATIONAL FERTILIZERS LTD.	10	0	5	0	0	0
79	NATIONAL FILM DEV. CORPN. LTD.	809	46	772	53	751	55
80	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	4	75	4	65	4
81	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	22	9	4	9	4	10
82	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	49	2	49	2	49	2
83	NATIONAL SEEDS CORPN. LTD.	1146	48	974	45	885	49
84	NATIONAL SMALL INDUSTRIES CORPN. LTD.	342	45	263	45	186	47
85	NATIONAL TEXTILE CORPN. LTD.	26341	25	26557	2670	26404	2865
86	NBCC (INDIA) LTD.	5	67	5	81	16	98
87	NEPA LTD.	23	3	23	3	0	3
88	NHPC LTD.	304	8	303	12	299	10
89	NLC INDIA LTD.	14	2	8	2	7	3
90	NMDC Ltd.	24	1	24	2	24	2
91	NTPC LTD.	2328507	860	2189041	760	1926071	759
92	NUCLEAR POWER CORPN. OF INDIA LTD.	612662	3492	656898	3515	534695	3503
93	NUMALIGARH REFINERY LTD.	2	0	1	0	3	0
94	OIL & NATURAL GAS CORPORATION LTD.	173973	6573	166030	6727	127508	6845
95	OIL INDIA LTD.	0	12	0	9	0	9

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
96	P E C LTD.	9	5	9	6	0	6
97	PAWAN HANS LTD.	78451	418	90260	253	0	252
98	POWER FINANCE CORPORATION LTD.	0	3	0	0	0	2
99	POWER GRID CORPORATION OF INDIA LTD.	2024740	565	1975254	552	1781923	493
100	POWER GRID PARLI TRANSMISSION LTD.	166272	0	51042	0	2409	0
101	POWER GRID WARORA TRANSMISSION LTD.	95942	0	0	0	0	0
102	POWER SYSTEM OPERATION CORPORATION LTD.	3017	94	2635	88	2445	90
103	RAIL VIKAS NIGAM LTD.	215	28	289	24	267	22
104	RAILTEL CORPORATION INDIA LTD.	32538	62	31604	70	30729	67
105	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	0	0	1	0	1
106	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	246855	3212	191266	3401	178808	3640
107	RASHTRIYA ISPAT NIGAM LTD.	2836	112	2847	32	2580	33
108	REC POWER DISTRIBUTION CO. LTD.	1	1	1	1	4	0
109	RICHARDSON & CRUDDAS(1972) LTD.	2552	11	2552	11	2714	16
110	rites LTD.	271	156	553	188	702	172
111	RURAL ELECTRIFICATION CORPN. LTD.	196	10	193	14	187	14
112	SCOOTERS INDIA LTD.	0	2	0	3	0	3
113	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	45321	5002	43577	5360	36197	5793
114	SHIPPING CORPORATION OF INDIA LTD.	1598771	593	1596615	608	1584455	629
115	SJVN LTD.	27711	5	29731	5	29731	5
116	STATE TRADING CORPN. OF INDIA LTD.	8398	65	9861	72	9858	85
117	STEEL AUTHORITY OF INDIA LTD.	42700	447	41227	538	39298	651
118	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5	15	5	9	17	8
119	THDC INDIA LTD.	0	0	17	2	17	2
120	WAPCOS LTD.	7	13	17	8	17	6
121	WESTERN COALFIELDS LTD.	556367	32991	455907	33800	354779	34271
STATE TOTAL :		16796962	125404	15927131	131420	14208249	142602
MANIPUR							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	4	61	4	61	4	10
2	AIRPORTS AUTHORITY OF INDIA	14608	92	14230	0	0	0
3	BHARAT PETROLEUM CORPN. LTD.	634	3	571	1	552	1
4	ENGINEERING PROJECTS (INDIA) LTD.	1	0	1	1	0	1
5	FOOD CORPN. OF INDIA	0	0	0	80	0	0
6	GAIL GAS LTD.	0	0	10421	0	0	0
7	HINDUSTAN PETROLEUM CORPN. LTD.	0	0	2	0	0	0
8	HINDUSTAN PREFAB LTD.	0	1	0	0	0	2
9	HLL LIFECARE LTD.	5	5	0	0	0	0
10	HOUSING & URBAN DEV. CORPN. LTD.	1	2	1	2	1	3
11	HSCC (INDIA) LTD.	0	1	0	1	0	0
12	INDIAN OIL CORPORATION LTD.	29051	46	25785	43	22825	47
13	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	13420	21	11840	33	10536	30
14	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	2	2	2	0	2
15	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	16	1	12	0	8	9
16	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	50	10	50	33	52	17
17	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	2	0	2	0	2
18	NBCC (INDIA) LTD.	0	1	0	1	0	0
19	NHPC LTD.	7672	277	7046	334	6324	367

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
20	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1858	0	1958	0	1933	2
21	OIL INDIA LTD.	0	7	0	7	0	7
22	POWER GRID CORPORATION OF INDIA LTD.	41867	50	32478	55	32478	61
23	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	3
24	REC POWER DISTRIBUTION CO. LTD.	1	0	0	0	0	0
25	RITES LTD.	0	2	0	3	0	4
26	RURAL ELECTRIFICATION CORPN. LTD.	0	1	0	0	0	0
27	SJVN LTD.	0	3	0	3	0	3
STATE TOTAL :		109188	589	104401	663	74713	571
MEGHALAYA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	1	0	1	0	0
2	AIRPORTS AUTHORITY OF INDIA	3493	35	3280	0	0	0
3	BALMER LAWRIE & CO. LTD.	0	0	0	1	0	1
4	BHARAT BROADBAND NETWORK LTD.	0	1	7	1	5	1
5	BHARAT PETROLEUM CORPN. LTD.	422	3	0	1	0	0
6	COAL INDIA LTD.	143	14	143	14	143	18
7	ENGINEERING PROJECTS (INDIA) LTD.	11	0	11	0	0	0
8	FOOD CORPN. OF INDIA	5798	219	5695	233	5266	224
9	HINDUSTAN PETROLEUM CORPN. LTD.	1607	0	1419	0	1257	0
10	HINDUSTAN PREFAB LTD.	0	0	0	4	0	1
11	HLL LIFECARE LTD.	1	11	0	0	0	0
12	HOUSING & URBAN DEV. CORPN. LTD.	15	2	15	2	15	3
13	HSCC (INDIA) LTD.	0	4	0	3	0	2
14	INDIAN OIL CORPORATION LTD.	6618	0	5634	0	4710	0
15	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	0	2	10	0	9	7
16	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	23	30	54	32	57	37
17	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	1	0	1
18	NBCC (INDIA) LTD.	0	3	0	2	0	15
19	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	34	5	13	6	12	6
20	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	6281	413	5518	432	4501	438
21	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	165	2	165	2	165	2
22	NUMALIGARH REFINERY LTD.	6	0	6	0	5	0
23	OIL INDIA LTD.	5	11	16	11	16	11
24	POWER GRID CORPORATION OF INDIA LTD.	6897	230	6753	273	6753	222
25	POWER SYSTEM OPERATION CORPORATION LTD.	2137	60	1913	56	3922	53
26	RAILTEL CORPORATION INDIA LTD.	0	4	0	3	0	3
27	REC POWER DISTRIBUTION CO. LTD.	1	1	0	1	0	0
28	RITES LTD.	0	10	0	8	0	8
29	RURAL ELECTRIFICATION CORPN. LTD.	25	4	25	6	21	6
30	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	1	0	2	0	3
31	URANIUM CORPORATION OF INDIA LTD.	966	5	918	7	857	3
32	WAPCOS LTD.	0	0	23	0	0	1
STATE TOTAL :		34648	1071	31618	1102	27714	1066
MIZORAM							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	2	21	2	21	2	0
2	AIRPORTS AUTHORITY OF INDIA	1721	23	1751	0	0	0

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
3	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	2	0	0
4	ENGINEERING PROJECTS (INDIA) LTD.	5	2	5	3	0	6
5	HINDUSTAN PETROLEUM CORPN. LTD.	239	0	236	0	230	0
6	HINDUSTAN PREFAB LTD.	0	1	0	1	0	4
7	HOUSING & URBAN DEV. CORPN. LTD.	1	3	1	3	1	4
8	HSCC (INDIA) LTD.	0	2	0	2	0	2
9	INDIAN OIL CORPORATION LTD.	5816	14	5450	16	4694	18
10	IRCON INTERNATIONAL LTD.	5	4	5	4	5	4
11	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	0	1
12	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	22	2	16	0	0	1
13	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	9	0	19	0	16
14	NBCC (INDIA) LTD.	0	4	0	9	0	11
15	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	147835	93	122081	95	99495	100
16	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1	1	1	1	1	1
17	NTPC LTD.	0	0	0	2	0	2
18	OIL & NATURAL GAS CORPORATION LTD.	533	0	550	0	545	0
19	OIL INDIA LTD.	2700	7	2861	7	8122	7
20	POWER GRID CORPORATION OF INDIA LTD.	11691	45	9415	41	9415	37
21	RAILTEL CORPORATION INDIA LTD.	0	4	0	4	0	2
STATE TOTAL :		170571	236	142374	231	122510	216
NAGALAND							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	38	20	38	20	4	4
2	AIRPORTS AUTHORITY OF INDIA	9810	54	9218	0	0	0
3	BHARAT PETROLEUM CORPN. LTD.	415	2	342	1	304	1
4	CENTRAL WAREHOUSING CORPN.	68	4	68	8	65	7
5	ENGINEERING PROJECTS (INDIA) LTD.	0	0	0	1	4	0
6	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	4	0	4	0	3	0
7	FOOD CORPN. OF INDIA	8756	168	6813	87	6282	81
8	HINDUSTAN PETROLEUM CORPN. LTD.	254	0	183	0	190	0
9	HINDUSTAN PREFAB LTD.	0	0	0	5	0	1
10	HLL LIFECARE LTD.	11	0	0	0	0	0
11	HOUSING & URBAN DEV. CORPN. LTD.	21	11	5	13	52	12
12	INDIAN OIL CORPORATION LTD.	7120	22	6606	20	5637	24
13	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	30	3	26	0	21	7
14	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	10	0	9	0	14
15	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	75177	193	74563	204	74105	215
16	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1	2	1	2	1	2
17	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	0	8086	0
18	OIL INDIA LTD.	0	9	0	9	0	9
19	POWER GRID CORPORATION OF INDIA LTD.	16767	54	15869	51	15869	55
20	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	2
STATE TOTAL :		118472	553	113736	431	110623	434
ORISSA							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	135	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	92	83	92	83	5	9
3	AIRPORTS AUTHORITY OF INDIA	36740	214	40945	0	0	0

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
4	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	344	11	328	12	325	12
5	BALMER LAWRIE & CO. LTD.	3	3	3	4	13	3
6	BEML LTD.	118	42	116	42	114	48
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	0	3	0	3
8	BHARAT BROADBAND NETWORK LTD.	0	3	12	3	10	2
9	BHARAT PETROLEUM CORPN. LTD.	57849	135	33516	143	27967	141
10	BHARAT SANCHAR NIGAM LTD.	472381	3222	449615	3396	419322	3618
11	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	86	14	0	13	0	9
12	BRIDGE & ROOF CO.(INDIA) LTD.	1373	128	1500	110	3287	73
13	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2452	386	2223	392	1723	411
14	CENTRAL WAREHOUSING CORPN.	10795	198	10733	137	10270	143
15	CONTAINER CORPORATION OF INDIA LTD.	9413	12	8483	10	5733	11
16	COTTON CORPN. OF INDIA LTD.	8	20	8	21	21	22
17	DREDGING CORPN. OF INDIA LTD.	4	27	0	0	0	2
18	E. C. G. C. LTD.	22	3	22	3	22	4
19	ENGINEERING PROJECTS (INDIA) LTD.	38	13	5	5	0	3
20	ENGINEERS INDIA LTD.	0	14	0	24	0	19
21	FERRO SCRAP NIGAM LTD.	2397	147	1964	160	1811	167
22	FERTILIZER CORPN. OF INDIA LTD.	7702	1	7702	1	7702	2
23	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	3	0	3	0	3	0
24	FOOD CORPN. OF INDIA	7311	642	7086	696	6195	658
25	GAIL (INDIA) LTD.	11209	27	0	4	0	0
26	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	595	0	543	0	494	0
27	HINDUSTAN AERONAUTICS LTD.	253450	3451	355787	3567	340699	3622
28	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	3
29	HINDUSTAN PETROLEUM CORPN. LTD.	41085	108	37845	103	33453	106
30	HINDUSTAN PREFAB LTD.	0	0	0	1	0	2
31	HINDUSTAN STEELWORKS COSTN. LTD.	42	3	47	3	290	3
32	HLL LIFECARE LTD.	118	32	0	3	38	5
33	HOUSING & URBAN DEV. CORPN. LTD.	360	14	360	13	359	18
34	HSCC (INDIA) LTD.	0	3	0	3	0	3
35	I T I LTD.	4	0	4	8	3	0
36	INDIA TOURISM DEV. CORPN. LTD.	154	37	154	30	421	34
37	INDIAN OIL CORPORATION LTD.	4632475	1517	4537700	1487	4284865	1294
38	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	66	52	67	72	58	62
39	INDIAN RARE EARTHS LTD.	35687	674	31331	748	29326	815
40	IRCON INTERNATIONAL LTD.	46	29	35	11	4	4
41	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	11	0	12	0	12
42	KIOCL LTD.	0	0	0	8	0	11
43	M M T C LTD.	373	112	374	123	393	136
44	M S T C LTD.	2	4	1	2	1	1
45	MAHANADI BASIN POWER LTD.	2014	4	1927	8	1538	10
46	MAHANADI COAL RAILWAY LTD.	3362	0	0	0	0	0
47	MAHANADI COALFIELDLS LTD.	793258	22408	660342	22017	478372	22378
48	MECON LTD.	201	28	195	24	186	27
49	MINERAL EXPLORATION CORPN. LTD.	0	3	165	15	462	56
50	MJSJ COAL LTD.	7830	2	7551	3	7967	0
51	MNH SHAKTI LTD.	2630	1	2815	2	5124	2

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
52	NAGALAND PULP & PAPER COMPANY LTD.	12295	181	12295	181	12295	181
53	NATIONAL ALUMINIUM COMPANY LTD.	807543	6661	737947	6819	707694	6973
54	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	7	5	6	5	1	6
55	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	11	21	8	12	14
56	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	2	1	2	1	2
57	NATIONAL SEEDS CORPN. LTD.	0	0	0	5	0	5
58	NATIONAL SMALL INDUSTRIES CORPN. LTD.	4881	23	4099	21	2543	20
59	NATIONAL TEXTILE CORPN. LTD.	11	4	303	4	301	0
60	NBCC (INDIA) LTD.	7	76	7	62	7	72
61	NLC INDIA LTD.	14440	10	4	5	0	0
62	NMDC Ltd.	2	4	5	4	5	4
63	NTPC LTD.	1399629	1847	1134111	1857	842077	1938
64	NUMALIGARH REFINERY LTD.	0	0	0	0	1	0
65	ODISHA INFRAPOWER LTD.	24	0	20	0	16	0
66	OIL INDIA LTD.	9	52	3	59	7	70
67	ORISSA DRUGS & CHEMICALS LTD.	607	40	607	40	590	61
68	ORISSA INTEGRATED POWER LTD.	33512	0	29094	0	25371	0
69	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	15373	401	15383	401	5679	459
70	POWER GRID CORPORATION OF INDIA LTD.	874032	378	864142	378	749528	347
71	RAIL VIKAS NIGAM LTD.	655	70	386	59	349	37
72	RAILTEL CORPORATION INDIA LTD.	0	9	0	8	0	11
73	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	13	0	13	0	13	0
74	RASHTRIYA ISPAT NIGAM LTD.	89	8	86	8	86	8
75	RITES LTD.	676	89	772	88	730	76
76	RURAL ELECTRIFICATION CORPN. LTD.	209	8	201	10	194	13
77	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	694	0	575	0	575	0
78	SJVN LTD.	0	13	0	14	0	15
79	STEEL AUTHORITY OF INDIA LTD.	2564804	15554	2413181	16589	2415085	17650
80	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	9	4	9	3	8	2
81	THE BISRA STONE LIME COMPANY LTD.	605	722	618	722	153	763
82	THE JUTE CORPN. OF INDIA LTD.	2	4	2	9	2	23
83	UTKAL ASHOK HOTEL CORPN. LTD.	95	0	289	0	288	0
84	WAPCOS LTD.	224	20	240	23	180	14
STATE TOTAL :		12124675	60034	11416019	60909	10432367	62728
OTHERS AND UNALLOCATED							
1	AIR INDIA EXPRESS LTD.	0	0	80	0	0	0
2	AIRPORTS AUTHORITY OF INDIA	0	0	0	17489	108052	1749
3	BHARAT BROADBAND NETWORK LTD.	0	0	175761	0	116370	0
4	BHARAT PETRO RESOURCES LTD.	8402	0	7703	0	6945	0
5	BHARAT PETROLEUM CORPN. LTD.	0	2	0	3	0	6
6	BHARAT PUMPS & COMPRESSORS LTD.	0	0	0	0	23	0
7	BHARAT SANCHAR NIGAM LTD.	3430298	25779	5207590	31240	6012692	18875
8	BRIDGE & ROOF CO.(INDIA) LTD.	406	0	1417	0	5822	0
9	BURN STANDARD COMPANY LTD.	0	0	0	0	176	0
10	CENTRAL WAREHOUSING CORPN.	0	0	0	214	0	0
11	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	5	0
12	CONTAINER CORPORATION OF INDIA LTD.	254043	0	233696	0	208897	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
13	ENGINEERING PROJECTS (INDIA) LTD.	73	17	71	18	70	19
14	ENGINEERS INDIA LTD.	751	70	703	94	550	173
15	GAIL (INDIA) LTD.	113677	12	114328	8	114806	7
16	HINDUSTAN PETROLEUM CORPN. LTD.	184	0	17833	0	33676	0
17	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	3	0	3	0	0
18	HINDUSTAN PREFAB LTD.	0	0	0	84	0	0
19	HINDUSTAN SALTS LTD.	0	0	0	0	4	0
20	HLL LIFECARE LTD.	0	0	0	0	12704	0
21	HOTEL CORPN. OF INDIA LTD.	0	0	0	0	36	0
22	HPCL RAJASTHAN REFINERY LTD.	0	0	2834	0	2769	0
23	HSCC (INDIA) LTD.	0	4	0	0	0	0
24	INDIAN OIL CORPORATION LTD.	13941	0	13937	0	22490	0
25	IRCON INFRASTRUCTURE & SERVICES LTD.	9	14	1267	0	1266	14
26	IRCON INTERNATIONAL LTD.	21388	92	24236	94	31426	159
27	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	6	0	0	0	0
28	MAZAGON DOCK SHIPBUILDERS LTD.	5	0	0	0	0	0
29	NATIONAL FERTILIZERS LTD.	674	399	0	364	0	357
30	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	37	1	9	0	0	0
31	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	21213	0	15625	0	8737	0
32	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	1	0	1
33	NBCC (INDIA) LTD.	1	0	-170	3	0	2
34	NHPC LTD.	0	13	0	15	0	9
35	NMDC Ltd.	43	5	42	5	43	8
36	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	266	0	266	0	266	0
37	NTPC LTD.	0	0	0	0	0	2
38	OIL & NATURAL GAS CORPORATION LTD.	14054937	0	9272546	0	9918696	0
39	OIL INDIA LTD.	0	75	22497	75	23346	75
40	ONGC VIDESH LTD.	10796133	1842	10577542	1923	10699310	1884
41	POWER GRID CORPORATION OF INDIA LTD.	0	7	0	8	0	8
42	RAILTEL CORPORATION INDIA LTD.	36417	0	35925	0	26171	0
43	BITES LTD.	890	32	3557	24	0	31
44	SHIPPING CORPORATION OF INDIA LTD.	7	2	7	2	7	2
45	SJVN LTD.	0	6	0	7	2	7
46	STEEL AUTHORITY OF INDIA LTD.	0	1	0	1	0	1
47	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5061	176	5030	211	4703	223
48	WAPCOS LTD.	100	97	163	93	142	111
49	WESTERN COALFIELDS LTD.	0	0	0	0	0	7
STATE TOTAL :		28758956	28655	25734495	51979	27360202	23730
PONDICHERRY							
1	AIRPORTS AUTHORITY OF INDIA	6516	0	6047	0	0	0
2	BHARAT BROADBAND NETWORK LTD.	0	0	0	2	0	0
3	BHARAT PETROLEUM CORPN. LTD.	0	1	0	0	0	0
4	CENTRAL WAREHOUSING CORPN.	40	1	40	13	38	2
5	GAIL (INDIA) LTD.	16203	29	18734	31	14096	30
6	HINDUSTAN PETROLEUM CORPN. LTD.	2134	0	1926	0	1759	0
7	HLL LIFECARE LTD.	23	3	0	0	2	0
8	HOUSING & URBAN DEV. CORPN. LTD.	2	8	1	8	1	8

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
9	INDIA TOURISM DEV. CORPN. LTD.	0	0	0	1	0	0
10	INDIAN OIL CORPORATION LTD.	21138	18	4117	20	2889	20
11	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	2	0	1	0	0
12	NATIONAL SMALL INDUSTRIES CORPN. LTD.	37	4	37	5	37	6
13	NATIONAL TEXTILE CORPN. LTD.	766	444	722	241	718	248
14	NBCC (INDIA) LTD.	0	7	0	0	0	0
15	OIL & NATURAL GAS CORPORATION LTD.	0	1467	0	1541	0	1497
16	OIL INDIA LTD.	34731	0	0	0	0	0
17	PONDICHERRY ASHOK HOTEL CORPN. LTD.	408	15	193	16	374	19
18	POWER GRID CORPORATION OF INDIA LTD.	23430	13	20664	16	20635	16
19	RAILTEL CORPORATION INDIA LTD.	0	0	0	0	0	1
20	BITES LTD.	0	1	0	2	0	1
STATE TOTAL :		105428	2013	52481	1897	40549	1848
PUNJAB							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	1	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	114	183	114	183	62	8
3	AIRLINE ALLIED SERVICES LTD.	0	0	3	0	3	0
4	AIRPORTS AUTHORITY OF INDIA	62624	226	60038	0	0	0
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	305	5	276	6	273	6
6	BALMER LAWRIE & CO. LTD.	0	4	0	2	0	3
7	BHARAT BROADBAND NETWORK LTD.	0	1	21	1	18	1
8	BHARAT HEAVY ELECTRICALS LTD.	2034	248	1926	249	1747	260
9	BHARAT PETROLEUM CORPN. LTD.	68212	188	41564	208	36934	207
10	BHARAT SANCHAR NIGAM LTD.	855295	6766	837924	7146	846563	7676
11	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	0	0	0	0	0	18
12	BRIDGE & ROOF CO.(INDIA) LTD.	230	24	0	19	11	9
13	BRITISH INDIA CORPORATION LTD.	1643	444	1643	444	1940	509
14	CEMENT CORPN. OF INDIA LTD.	1367	0	0	0	0	0
15	CENTRAL WAREHOUSING CORPN.	8767	238	8555	270	8274	186
16	CHANDIGARH INTERNATIONAL AIRPORT LTD.	94604	2	0	0	0	0
17	CONTAINER CORPORATION OF INDIA LTD.	6047	41	5867	54	4936	45
18	COTTON CORPN. OF INDIA LTD.	162	29	162	44	212	64
19	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	0	0	0	33	0	3
20	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	4
21	E. C. G. C. LTD.	146	9	148	10	148	12
22	ENGINEERS INDIA LTD.	0	37	0	22	0	3
23	FOOD CORPN. OF INDIA	20789	3244	19417	3486	18377	2885
24	GAIL (INDIA) LTD.	18210	16	3245	17	2967	16
25	GAIL GAS LTD.	0	0	31961	0	0	1
26	HIL (INDIA) LTD.	1672	149	1658	152	1544	179
27	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	5
28	HINDUSTAN PETROLEUM CORPN. LTD.	111802	153	103373	138	99671	143
29	HINDUSTAN PREFAB LTD.	0	1	0	2	0	2
30	HLL LIFECARE LTD.	8	20	0	0	0	0
31	HMT LTD.	144	0	146	0	146	7
32	HSCC (INDIA) LTD.	0	3	0	3	0	4
33	ITI LTD.	0	0	0	0	0	14

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
34	INDIAN OIL CORPORATION LTD.	148622	470	111923	559	94665	491
35	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	16	0	16	0	15
36	INSTRUMENTATION LTD.	17	1	17	1	0	1
37	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	11	0	6	0	9
38	M M T C LTD.	0	6	0	6	0	6
39	MECON LTD.	0	1	0	0	0	0
40	NATIONAL FERTILIZERS LTD.	273858	1618	256956	1701	234411	1762
41	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	1	2	1	2
42	NATIONAL SEEDS CORPN. LTD.	0	0	0	8	0	10
43	NATIONAL SMALL INDUSTRIES CORPN. LTD.	251	30	210	30	201	34
44	NATIONAL TEXTILE CORPN. LTD.	9	4	30	5	30	6
45	NBCC (INDIA) LTD.	0	21	0	3	0	6
46	NHPC LTD.	0	47	0	52	0	64
47	OIL & NATURAL GAS CORPORATION LTD.	0	0	0	0	30	0
48	OIL INDIA LTD.	0	14	0	18	0	17
49	POWER GRID CORPORATION OF INDIA LTD.	403323	129	360858	145	336229	150
50	PUNJAB ASHOK HOTEL COMPANY LTD.	304	0	0	0	0	0
51	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	25359	0	23641	0	15422	0
52	RAIL VIKAS NIGAM LTD.	83	0	49	10	0	0
53	RAILTEL CORPORATION INDIA LTD.	0	1	0	1	0	5
54	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	5	9	4	12	4	9
55	RASHTRIYA ISPAT NIGAM LTD.	292	9	292	10	206	10
56	RITES LTD.	0	3	0	10	0	8
57	SJVN LTD.	0	15	0	18	0	18
58	STATE TRADING CORPN. OF INDIA LTD.	812	10	837	9	1	9
59	STEEL AUTHORITY OF INDIA LTD.	509	31	496	37	545	45
60	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	7769	47	7768	43	7800	40
61	WAPCOS LTD.	2	0	2	0	0	0
STATE TOTAL :		2115391	14525	1881125	15191	1713371	14987
RAJASTHAN							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	11	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	162	86	162	86	0	22
3	AIRLINE ALLIED SERVICES LTD.	0	5	0	0	0	0
4	AIRPORTS AUTHORITY OF INDIA	108007	463	98749	0	0	0
5	BEML LTD.	11	24	11	24	11	29
6	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	2	2	2	2
7	BHARAT BROADBAND NETWORK LTD.	0	9	445	7	430	6
8	BHARAT PETROLEUM CORPN. LTD.	118556	286	75616	303	68000	317
9	BHARAT SANCHAR NIGAM LTD.	945763	8147	909684	8671	903004	9239
10	BRIDGE & ROOF CO.(INDIA) LTD.	1	1	0	3	0	4
11	CENTRAL WAREHOUSING CORPN.	13490	195	12836	117	11813	126
12	COAL INDIA LTD.	4	7	1	5	2	6
13	CONTAINER CORPORATION OF INDIA LTD.	34181	70	30366	68	22394	48
14	COTTON CORPN. OF INDIA LTD.	107	41	106	45	164	61
15	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	567971	129	293827	96	173827	90
16	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	2
17	E. C. G. C. LTD.	113	11	113	10	114	10

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		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
18	ENGINEERING PROJECTS (INDIA) LTD.	402	7	414	5	436	3
19	ENGINEERS INDIA LTD.	0	16	0	6	0	10
20	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1708	42	1653	45	1590	48
21	FOOD CORPN. OF INDIA	8688	1117	8096	1208	7336	1214
22	GAIL (INDIA) LTD.	132618	161	57374	162	53340	164
23	GAIL GAS LTD.	2217	0	7514	0	7576	13
24	HINDUSTAN ANTIBIOTICS LTD.	2	8	2	10	2	12
25	HINDUSTAN COPPER LTD.	33625	1166	18987	1408	19720	1676
26	HINDUSTAN PETROLEUM CORPN. LTD.	180138	238	113565	227	102766	227
27	HINDUSTAN PREFAB LTD.	0	0	0	8	0	0
28	HINDUSTAN SALTS LTD.	438	30	226	24	183	28
29	HLL LIFECARE LTD.	18	16	0	0	0	0
30	HMT MACHINE TOOLS LTD.	3621	106	3574	122	3465	150
31	HOUSING & URBAN DEV. CORPN. LTD.	731	22	730	22	732	22
32	HPCL RAJASTHAN REFINERY LTD.	28307	0	0	0	0	0
33	HSCC (INDIA) LTD.	0	5	0	4	0	0
34	I T I LTD.	0	13	0	15	0	27
35	INDIA TOURISM DEV. CORPN. LTD.	0	6	218	32	624	34
36	INDIAN OIL CORPORATION LTD.	457264	909	351822	965	298579	949
37	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	117	38	116	38	116	33
38	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	0	1	0	0	0	0
39	INSTRUMENTATION LTD.	5650	372	5650	372	5671	492
40	IRCON INFRASTRUCTURE & SERVICES LTD.	908	3	908	0	908	0
41	IRCON INTERNATIONAL LTD.	4065	62	4356	61	3905	68
42	IRCON PB TOLLWAY LTD.	27759	0	22378	0	4588	9
43	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	16	0	15	0	18
44	M M T C LTD.	65	19	83	19	77	21
45	M S T C LTD.	3	6	1	3	0	0
46	MECON LTD.	0	2	0	0	0	0
47	MINERAL EXPLORATION CORPN. LTD.	409	63	508	92	1077	118
48	NATIONAL ALUMINIUM COMPANY LTD.	60083	0	59909	0	32393	0
49	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	1	1	0	1
50	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	10	2	2	2	2	3
51	NATIONAL SEEDS CORPN. LTD.	18910	607	17430	632	16163	643
52	NATIONAL SMALL INDUSTRIES CORPN. LTD.	94	24	90	23	86	25
53	NATIONAL TEXTILE CORPN. LTD.	82	12	94	44	93	69
54	NBCC (INDIA) LTD.	2	19	2	43	32	39
55	NHPC LTD.	32966	5	32967	5	30599	4
56	NLC INDIA LTD.	205650	452	184867	423	106996	402
57	NTPC LTD.	192255	168	188733	196	36090	193
58	NUCLEAR POWER CORPN. OF INDIA LTD.	1150610	2416	988416	2372	838564	2423
59	OIL & NATURAL GAS CORPORATION LTD.	15065	181	21542	184	12909	180
60	OIL INDIA LTD.	68409	107	78308	108	52577	109
61	P E C LTD.	0	0	0	1	0	2
62	POWER GRID CORPORATION OF INDIA LTD.	1021105	291	730277	286	599618	233
63	RAIL VIKAS NIGAM LTD.	117	0	80	11	44	15
64	RAILTEL CORPORATION INDIA LTD.	0	8	0	8	0	9
65	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	15328	0	15328	0	15328	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
66	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2261	160	2261	160	2261	160
67	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	4531	175	4317	170	3488	186
68	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	5	4	3	4	3	3
69	RASHTRIYA ISPAT NIGAM LTD.	120	11	122	13	122	12
70	REC POWER DISTRIBUTION CO. LTD.	2	0	2	1	5	0
71	RITES LTD.	0	16	0	19	0	14
72	RURAL ELECTRIFICATION CORPN. LTD.	360	14	347	16	327	19
73	SAMBHAR SALTS LTD.	3700	110	3576	110	3381	107
74	SCOOTERS INDIA LTD.	0	1	0	1	0	1
75	SJVN LTD.	0	26	0	26	0	26
76	SOLAR ENERGY CORPORATION OF INDIA	6105	0	5957	0	6038	0
77	STEEL AUTHORITY OF INDIA LTD.	867	20	867	23	875	29
78	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	141	26	140	36	46	29
79	URANIUM CORPORATION OF INDIA LTD.	6	0	6	1	6	1
80	WAPCOS LTD.	202	22	132	16	58	14
STATE TOTAL :		5476116	18796	4355869	19235	3450556	20249
SIKKIM							
1	AIRLINE ALLIED SERVICES LTD.	0	11	0	0	0	0
2	AIRPORTS AUTHORITY OF INDIA	16444	21	19509	0	0	0
3	BHARAT PETROLEUM CORPN. LTD.	54	0	44	0	44	0
4	FOOD CORPN. OF INDIA	0	0	0	50	0	0
5	HINDUSTAN PETROLEUM CORPN. LTD.	174	0	169	0	159	0
6	HLL LIFECARE LTD.	0	1	0	0	0	0
7	HOUSING & URBAN DEV. CORPN. LTD.	0	3	0	3	0	3
8	INDIAN OIL CORPORATION LTD.	7020	22	4918	20	4062	22
9	IRCON INTERNATIONAL LTD.	0	0	0	14	0	0
10	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	19	1	16	0	15	8
11	NBCC (INDIA) LTD.	0	6	0	7	1	9
12	NHPC LTD.	242204	403	239216	385	236954	480
13	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	5	5	5	5	5	5
14	NTPC LTD.	26121	0	19339	0	11155	0
15	POWER GRID CORPORATION OF INDIA LTD.	74467	40	74042	37	72232	25
16	WAPCOS LTD.	0	0	0	1	0	1
STATE TOTAL :		366508	513	357258	522	324627	553
TAMILNADU							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	10548	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	4464	735	4464	735	3701	245
3	AIR INDIA EXPRESS LTD.	73	65	37	30	0	55
4	AIRLINE ALLIED SERVICES LTD.	101	0	16	0	14	0
5	AIRPORTS AUTHORITY OF INDIA	476187	2151	422835	0	677025	3400
6	ANDREW YULE & COMPANY LTD.	572	119	520	120	745	121
7	BALMER LAWRIE & CO. LTD.	7759	221	7393	237	10609	246
8	BEML LTD.	93	42	81	41	78	47
9	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	2	3	2	3
10	BHARAT BROADBAND NETWORK LTD.	0	2	21	0	16	4
11	BHARAT ELECTRONICS LTD.	10559	305	7543	308	5828	299

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
12	BHARAT HEAVY ELECTRICALS LTD.	164414	11620	155445	12401	152621	13231
13	BHARAT PETRO RESOURCES LTD.	23316	0	18001	0	13321	3
14	BHARAT PETROLEUM CORPN. LTD.	200225	636	131554	678	123876	699
15	BHARAT PUMPS & COMPRESSORS LTD.	1	1	1	1	1	2
16	BHARAT SANCHAR NIGAM LTD.	2621382	18806	1459917	13816	1481509	22306
17	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	602461	480	569110	417	535639	397
18	BRIDGE & ROOF CO.(INDIA) LTD.	178	62	0	62	1088	80
19	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	328	6	309	6	326	6
20	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3487	3	3484	3	3472	2
21	CENTRAL WAREHOUSING CORPN.	8094	189	7824	148	7376	206
22	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	11	4	11	4	10	4
23	CHENNAI PETROLEUM CORPORATION LTD.	826628	1709	722508	1645	1017242	1633
24	CHEYYUR INFRA LTD.	7	0	4	0	2	0
25	COAL INDIA LTD.	5	6	2	6	2	6
26	COASTAL TAMIL NADU POWER LTD.	19913	0	18172	0	8140	0
27	CONTAINER CORPORATION OF INDIA LTD.	10023	80	9497	86	7643	91
28	COTTON CORPN. OF INDIA LTD.	6	20	7	21	38	22
29	DREDGING CORPN. OF INDIA LTD.	43	23	0	0	0	50
30	E. C. G. C. LTD.	2115	88	2078	83	2075	89
31	ELECTRONICS CORPN. OF INDIA LTD.	29	37	29	43	31	50
32	ENGINEERING PROJECTS (INDIA) LTD.	94	31	99	26	145	27
33	ENGINEERS INDIA LTD.	3207	70	3267	81	4073	105
34	FERRO SCRAP NIGAM LTD.	7	1	0	1	0	1
35	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	46	25	46	27	46	36
36	FOOD CORPN. OF INDIA	11129	1091	10274	1140	8995	1098
37	GAIL (INDIA) LTD.	66619	25	30999	26	31406	26
38	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	0	1	0	0	0	0
39	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	7336	24	7336	26	455	30
40	HIL (INDIA) LTD.	4	7	4	7	4	8
41	HINDUSTAN AERONAUTICS LTD.	0	3	0	4	0	4
42	HINDUSTAN ANTIBIOTICS LTD.	4	14	4	15	4	14
43	HINDUSTAN CABLES LTD.	0	0	0	0	16678	492
44	HINDUSTAN PETROLEUM CORPN. LTD.	141565	427	125635	441	115043	467
45	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	71578	167	71578	167	71577	217
46	HINDUSTAN STEELWORKS COSTN. LTD.	13	0	14	0	29	0
47	HLL BIOTECH LTD.	50927	202	40897	157	26266	71
48	HLL LIFECARE LTD.	1373	98	939	63	629	70
49	HLL MEDIPARK LTD	10	5	1	2	0	0
50	HOUSING & URBAN DEV. CORPN. LTD.	1244	39	1242	41	1265	40
51	I T I LTD.	17	13	17	13	84	27
52	IDPL (TAMILNADU) LTD.	5970	112	5970	112	5994	124
53	INDIA TOURISM DEV. CORPN. LTD.	10	13	8	9	40	11
54	INDIA TRADE PROMOTION ORGANISATION	83	8	81	10	81	10
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	3	0	0	0	1
56	INDIAN OIL CORPORATION LTD.	391638	1613	342371	1654	305836	1683
57	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2973	113	858	113	2835	74
58	INDIAN RARE EARTHS LTD.	5927	258	6837	283	6813	298
59	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	7	1	166	1	2	2

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
60	IRCON INFRASTRUCTURE & SERVICES LTD.	1061	0	1061	0	1061	0
61	KAMARAJAR PORT LTD.	289818	98	264848	103	210949	101
62	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	32	0	31	0	32
63	M M T C LTD.	4073	80	4072	91	4067	108
64	M S T C LTD.	9	16	11	17	29	20
65	MADRAS FERTILIZERS LTD.	22794	565	22388	612	97642	652
66	MANGALORE REFINERY & PETROCHEMICALS LTD.	423	0	423	0	423	0
67	MECON LTD.	1	3	1	4	1	3
68	MINERAL EXPLORATION CORPN. LTD.	472	40	136	29	537	66
69	MISHRA DHATU NIGAM LTD.	0	0	1	1	1	0
70	MUMBAI RAILWAY VIKAS CORPORATION LTD.	0	1	0	1	0	1
71	NATIONAL ALUMINIUM COMPANY LTD.	10216	9	25	9	0	10
72	NATIONAL BACKWARD CLASSES FINANCE & DEVPRCO.	0	0	0	1	0	1
73	NATIONAL FILM DEV. CORPN. LTD.	541	16	532	18	531	22
74	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	77	22	69	24	70	26
75	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	0	0	2	0	26
76	NATIONAL SEEDS CORPN. LTD.	269	22	206	15	181	16
77	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1797	56	1773	56	1699	66
78	NATIONAL TEXTILE CORPN. LTD.	36238	3426	36741	1972	36245	1962
79	NBCC (INDIA) LTD.	1	52	0	41	1	35
80	NEYVELI UTTAR PRADESH POWER LTD	0	0	0	1	0	1
81	NHPC LTD.	28362	10	0	4	0	2
82	NLC INDIA LTD.	1750887	13869	1409608	14512	1166134	15410
83	NLC TAMIL NADU POWER LTD.	703507	246	687559	233	688499	232
84	NMDC Ltd.	11	3	11	3	9	3
85	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	35	4	16	4	15	4
86	NTPC LTD.	1836	60	1816	78	1712	81
87	NUCLEAR POWER CORPN. OF INDIA LTD.	2856758	1797	2433028	1728	2251927	1706
88	OIL & NATURAL GAS CORPORATION LTD.	333325	626	297801	648	252391	672
89	OIL INDIA LTD.	0	9	0	8	0	13
90	P E C LTD.	7	7	7	7	0	4
91	POWER FINANCE CORPORATION LTD.	157	5	157	5	157	5
92	POWER GRID CORPORATION OF INDIA LTD.	814069	300	688352	288	603412	284
93	POWERGRID NM TRANSMISSION LTD.	94572	0	92848	0	0	0
94	RAIL VIKAS NIGAM LTD.	181	32	236	29	219	28
95	RAILTEL CORPORATION INDIA LTD.	0	19	0	19	0	22
96	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	4	0	4	0	4
97	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	688	8	1076	9	1076	11
98	RASHTRIYA ISPAT NIGAM LTD.	1619	26	1619	26	1618	29
99	RICHARDSON & CRUDDAS(1972) LTD.	316	0	316	0	0	0
100	rites INFRASTRUCTURE SERVICES LTD.	0	0	0	0	171	0
101	rites LTD.	126	68	323	70	131	71
102	RURAL ELECTRIFICATION CORPN. LTD.	239	14	224	14	211	14
103	SAIL REFRACTORY COMPANY LTD.	2487	184	2476	204	2517	207
104	SCOOTERS INDIA LTD.	0	2	0	2	0	1
105	SETHUSAMUDRAM CORPN. LTD.	70862	8	71034	0	70942	1
106	SHIPPING CORPORATION OF INDIA LTD.	28	43	27	44	24	44
107	SJVN LTD.	0	2	0	2	0	3

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
108	STATE TRADING CORPN. OF INDIA LTD.	2423	38	2639	43	2646	49
109	STEEL AUTHORITY OF INDIA LTD.	364611	1133	364219	1235	348890	1347
110	TAMIL NADU TRADE PROMOTION ORGANISATION	4849	5	4863	6	4577	5
111	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	68	20	67	20	67	22
112	WAPCOS LTD.	21	18	36	14	37	15
STATE TOTAL :		13154637	64772	10582153	57600	10401549	71670
TELANGANA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	0	67	0	67	0	3
2	AIRLINE ALLIED SERVICES LTD.	0	32	1	0	0	0
3	AIRPORTS AUTHORITY OF INDIA	734	6	30856	0	0	0
4	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	2	3	2	3	0	2
5	BALMER LAWRIE & CO. LTD.	2078	19	1980	21	0	0
6	BEML LTD.	611	86	22	87	598	87
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	0	0	1	2	1	3
8	BHARAT BROADBAND NETWORK LTD.	0	2	9	1	8	5
9	BHARAT DYNAMICS LTD.	105865	3006	89944	3098	76105	3048
10	BHARAT ELECTRONICS LTD.	15314	528	0	0	0	0
11	BHARAT HEAVY ELECTRICALS LTD.	107577	4540	104248	4933	101141	5297
12	BHARAT PETROLEUM CORPN. LTD.	62471	148	40494	139	36545	138
13	BRIDGE & ROOF CO.(INDIA) LTD.	336	31	0	9	271	0
14	CEMENT CORPN. OF INDIA LTD.	32127	239	30933	236	6701	67
15	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	545	2	527	2	527	2
16	CENTRAL WAREHOUSING CORPN.	60	2	60	45	45	240
17	COAL INDIA LTD.	5	6	1	5	1	3
18	CONTAINER CORPORATION OF INDIA LTD.	3798	47	3595	51	3571	45
19	COTTON CORPN. OF INDIA LTD.	96	42	70	141	160	138
20	DREDGING CORPN. OF INDIA LTD.	0	0	0	20	0	12
21	E. C. G. C. LTD.	0	12	153	12	155	12
22	ELECTRONICS CORPN. OF INDIA LTD.	24260	1692	19421	1913	16738	2139
23	ENGINEERING PROJECTS (INDIA) LTD.	14	10	11	12	0	0
24	ENGINEERS INDIA LTD.	0	0	0	16	0	0
25	FERTILIZER CORPN. OF INDIA LTD.	4723	1	4723	1	4723	1
26	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	11	10	0	9	0	0
27	FOOD CORPN. OF INDIA	8927	0	8172	0	0	0
28	GAIL (INDIA) LTD.	0	44	0	47	0	17
29	HINDUSTAN AERONAUTICS LTD.	112082	1867	158410	1910	151402	2003
30	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	1
31	HINDUSTAN CABLES LTD.	16678	0	16678	0	0	0
32	HINDUSTAN FLUOROCARBONS LIMITED	11121	140	11089	155	8085	141
33	HINDUSTAN PETROLEUM CORPN. LTD.	93233	350	77320	325	65969	314
34	HINDUSTAN STEELWORKS COSTN. LTD.	50	0	0	0	0	0
35	HLL LIFECARE LTD.	5	7	0	0	0	0
36	HMT BEARINGS LTD.	0	0	0	0	84	3
37	HMT LTD.	477	0	490	0	491	40
38	HMT MACHINE TOOLS LTD.	8851	407	8896	489	8971	578
39	HOUSING & URBAN DEV. CORPN. LTD.	187	27	179	23	170	24
40	HSCC (INDIA) LTD.	0	4	0	3	0	0

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
41	I T I LTD.	4	0	4	18	0	18
42	INDIAN DRUGS & PHARMACEUTICALS LTD.	8440	2	9016	4	7336	4
43	INDIAN OIL CORPORATION LTD.	66910	438	37945	424	34916	435
44	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	0	0	0	0	62	0
45	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	6	2	6	2	6	2
46	KARNATAKA ANTI-BIOTICS & PHARMACEUTICALS LTD.	0	19	0	9	0	17
47	M M T C LTD.	32	31	0	31	0	32
48	M S T C LTD.	19	20	24	22	6	7
49	MADRAS FERTILIZERS LTD.	18	9	18	9	20	11
50	MECON LTD.	0	2	0	2	0	1
51	MINERAL EXPLORATION CORPN. LTD.	13	10	2	11	0	9
52	MISHRA DHATU NIGAM LTD.	43983	844	36525	750	28366	772
53	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	131	10	37	11	2	14
54	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	12	15	0	11	0	2
55	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	0	0	1	2	0	0
56	NATIONAL SEEDS CORPN. LTD.	1583	45	1580	27	1578	39
57	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	33	0	34	0	36
58	NATIONAL TEXTILE CORPN. LTD.	1	0	0	0	0	0
59	NBCC (INDIA) LTD.	0	23	0	10	3	14
60	NLC INDIA LTD.	11	2	8	4	0	0
61	NMDC Ltd.	18948	508	52737	529	21430	550
62	NTPC LTD.	435630	1106	284480	1180	248804	1224
63	OIL INDIA LTD.	0	1	0	1	0	0
64	POWER GRID CORPORATION OF INDIA LTD.	370073	277	356645	308	165538	251
65	POWERGRID VIZAG TRANSMISSION LTD.	15163	0	2422	0	2422	0
66	RAIL VIKAS NIGAM LTD.	225	0	0	0	0	0
67	RAILTEL CORPORATION INDIA LTD.	0	57	0	60	0	27
68	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	18	6	18	12	11	2
69	RASHTRIYA ISPAT NIGAM LTD.	8655	176	8037	184	7546	208
70	REC POWER DISTRIBUTION CO. LTD.	0	1	0	1	0	0
71	RITES LTD.	125	0	182	42	181	0
72	RURAL ELECTRIFICATION CORPN. LTD.	468	27	429	34	402	35
73	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	16912	800	16056	915	14223	976
74	STATE TRADING CORPN. OF INDIA LTD.	1512	22	0	0	0	0
75	STEEL AUTHORITY OF INDIA LTD.	2988	32	2995	35	2998	38
76	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	4	0	0	0	3
77	URANIUM CORPORATION OF INDIA LTD.	0	0	0	0	758	0
78	WAPCOS LTD.	0	17	0	13	0	0
STATE TOTAL :		1604118	17916	1417452	18470	1019070	19090
TRIPURA							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	4	30	4	30	4	7
2	AIRLINE ALLIED SERVICES LTD.	0	40	0	0	0	0
3	AIRPORTS AUTHORITY OF INDIA	27480	115	14048	0	0	0
4	BHARAT BROADBAND NETWORK LTD.	0	1	236	0	221	0
5	BHARAT PETROLEUM CORPN. LTD.	386	2	285	2	285	3
6	BRIDGE & ROOF CO.(INDIA) LTD.	0	0	0	1	0	2
7	CENTRAL WAREHOUSING CORPN.	363	9	363	19	351	13

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
8	CONTAINER CORPORATION OF INDIA LTD.	1041	0	727	0	220	0
9	ENGINEERING PROJECTS (INDIA) LTD.	11	5	5	4	4	6
10	GAIL (INDIA) LTD.	1887	27	19491	26	28952	26
11	HINDUSTAN CABLES LTD.	0	0	0	0	9718	183
12	HINDUSTAN PREFAB LTD.	0	0	0	0	0	2
13	HINDUSTAN STEELWORKS COSTN. LTD.	5	0	15	0	59	0
14	HLL LIFECARE LTD.	25	6	0	0	0	0
15	HOUSING & URBAN DEV. CORPN. LTD.	1	2	1	2	1	2
16	INDIAN OIL CORPORATION LTD.	17423	47	13453	46	9986	51
17	IRCON INTERNATIONAL LTD.	0	16	0	5	0	0
18	MINERAL EXPLORATION CORPN. LTD.	1	0	0	0	0	0
19	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	0	1	0	1	0	1
20	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	7	3	5	0	2	13
21	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	0	21	25	23	45	22
22	NATIONAL SMALL INDUSTRIES CORPN. LTD.	0	0	0	1	0	1
23	NBCC (INDIA) LTD.	2	28	2	46	13	46
24	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	181896	192	181837	197	178172	201
25	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	396	19	396	19	396	19
26	OIL & NATURAL GAS CORPORATION LTD.	298955	1061	300747	1062	258558	953
27	OIL INDIA LTD.	0	14	0	12	0	12
28	POWER GRID CORPORATION OF INDIA LTD.	31797	23	31067	18	31067	16
29	RAILTEL CORPORATION INDIA LTD.	0	3	0	1	0	3
30	REC POWER DISTRIBUTION CO. LTD.	1	0	1	0	0	0
31	RITES LTD.	0	1	0	0	0	1
32	SJVN LTD.	0	1	0	1	0	1
33	STEEL AUTHORITY OF INDIA LTD.	0	0	0	1	0	1
34	THE JUTE CORPN. OF INDIA LTD.	1	7	1	8	1	25
STATE TOTAL :		561682	1674	562709	1525	518055	1610
UTTAR PRADESH							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	177	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	227	241	227	241	0	18
3	AIR INDIA EXPRESS LTD.	0	1	0	1	0	1
4	AIRPORTS AUTHORITY OF INDIA	116040	866	85838	0	0	0
5	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5978	209	3344	240	2853	241
6	BALMER LAWRIE & CO. LTD.	1	10	1	9	7	10
7	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	382	19	378	9	378	10
8	BHARAT BROADBAND NETWORK LTD.	0	14	32	13	28	8
9	BHARAT ELECTRONICS LTD.	37810	1639	34955	1683	30929	1796
10	BHARAT HEAVY ELECTRICALS LTD.	51970	3830	50040	4340	49156	4612
11	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	616	113	616	112	4541	112
12	BHARAT PETROLEUM CORPN. LTD.	252437	938	132987	983	113320	998
13	BHARAT PUMPS & COMPRESSORS LTD.	10470	376	10470	376	10422	505
14	BHARAT SANCHAR NIGAM LTD.	2007465	6235	1926998	15262	1938076	16472
15	BRAHMAPUTRA CRACKERS & POLYMER LTD.	409	1	0	0	74	0
16	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3	1	3	1	3	2
17	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	441	72	0	107	0	0
18	BRIDGE & ROOF CO.(INDIA) LTD.	360	17	0	23	2001	45

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
19	BRITISH INDIA CORPORATION LTD.	2830	765	2830	765	2211	836
20	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2695	1	2463	0	2263	53
21	BUNDELKHAND SAUR URJA LTD.	928	8	189	11	100	6
22	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	21	0	22	0	36	0
23	CENTRAL ELECTRONICS LTD.	8253	413	7622	448	7648	483
24	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3086	6	3062	4	3057	5
25	CENTRAL WAREHOUSING CORPN.	16186	354	7195	230	6671	435
26	COAL INDIA LTD.	19	11	5	11	4	11
27	CONTAINER CORPORATION OF INDIA LTD.	29519	194	18847	203	15399	180
28	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	698624	288	369321	240	209321	211
29	DREDGING CORPN. OF INDIA LTD.	0	0	0	0	0	3
30	E. C. G. C. LTD.	235	26	236	26	263	32
31	EdCIL(India) Ltd.	1110	111	1080	96	1074	79
32	ELECTRONICS CORPN. OF INDIA LTD.	1	2	1	2	2	3
33	ENGINEERING PROJECTS (INDIA) LTD.	0	3	6	3	2	3
34	ENGINEERS INDIA LTD.	0	15	0	27	0	28
35	FERTILIZER CORPN. OF INDIA LTD.	794	0	794	2	7774	2
36	FOOD CORPN. OF INDIA	18892	2297	18085	2406	17427	1975
37	GAIL (INDIA) LTD.	1804682	1902	1710373	1830	1613708	1826
38	GAIL GAS LTD.	34633	0	29781	0	29806	84
39	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	3359	52	3359	59	1040	63
40	HINDUSTAN AERONAUTICS LTD.	171096	4303	242483	4357	230788	4616
41	HINDUSTAN ANTIBIOTICS LTD.	3	20	3	22	3	17
42	HINDUSTAN CABLES LTD.	8035	0	8035	0	0	0
43	HINDUSTAN FERTILIZER CORPN. LTD.	16	1	0	0	0	0
44	HINDUSTAN PAPER CORPORATION LTD.	16	2	16	2	16	2
45	HINDUSTAN PETROLEUM CORPN. LTD.	194307	375	169649	344	145837	343
46	HINDUSTAN PREFAB LTD.	0	10	0	18	0	4
47	HINDUSTAN STEELWORKS COSTN. LTD.	5	0	5	0	115	0
48	HLL INFRA TECH SERVICES LTD.	29	107	12	86	0	213
49	HLL LIFECARE LTD.	1069	180	4459	6	1	8
50	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	17	0	0	0	0
51	HOUSING & URBAN DEV. CORPN. LTD.	185	20	185	18	185	19
52	HSCC (INDIA) LTD.	1470	101	1397	97	1282	98
53	I T I LTD.	74453	2205	67770	2698	133101	3547
54	INDIA TOURISM DEV. CORPN. LTD.	7	6	13	9	55	8
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	7	0
56	INDIAN OIL CORPORATION LTD.	872890	3302	743187	3251	627908	3278
57	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1353	68	237	68	2212	53
58	INSTRUMENTATION LTD.	22	9	22	9	20	16
59	IRCON INFRASTRUCTURE & SERVICES LTD.	489	1	489	0	488	0
60	IRCON INTERNATIONAL LTD.	5400	81	4917	90	5051	90
61	JAGDISHPUR PAPER MILLS LTD.	1650	0	1650	0	1650	0
62	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	32	0	36	0	38
63	M M T C LTD.	0	2	0	2	0	5
64	M S T C LTD.	2	6	1	3	3	3
65	MECON LTD.	0	31	0	21	0	11
66	MINERAL EXPLORATION CORPN. LTD.	0	3	0	0	0	0

S.No.	State / CPSE	(Gross Block : ` in Lakhs)		(Employment in Numbers)			
		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
67	NAINI AEROSPACE LTD.	424	136	7	125	0	0
68	NATIONAL FERTILIZERS LTD.	2235	188	1896	169	103	136
69	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1363	80	1297	79	1057	88
70	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	129	38	134	35	134	33
71	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	0	0	0	0	3	2
72	NATIONAL SEEDS CORPN. LTD.	1715	105	1629	108	1622	114
73	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1020	87	823	91	766	101
74	NATIONAL TEXTILE CORPN. LTD.	350	59	350	81	347	100
75	NBCC (INDIA) LTD.	660	163	690	198	1945	139
76	NEYVELI UTTAR PRADESH POWER LTD	147679	66	21754	39	15884	12
77	NHPC LTD.	391	26	363	24	344	13
78	NLC INDIA LTD.	0	70	0	44	0	19
79	NMDC Ltd.	2397	1	2397	2	0	1
80	NORTHERN COALFIELDS LTD.	222785	6273	206299	6406	172255	6732
81	NTPC LTD.	2643011	5644	2250495	6142	1909510	6411
82	NUCLEAR POWER CORPN. OF INDIA LTD.	50225	784	49771	824	48114	872
83	NUMALIGARH REFINERY LTD.	4	0	19	0	16	0
84	OIL INDIA LTD.	0	182	26547	185	14737	206
85	PAWAN HANS LTD.	1145	0	1239	71	0	0
86	POWER GRID CORPORATION OF INDIA LTD.	3184353	896	2927151	888	2609349	778
87	POWERGRID UNCHAHAR TRANSMISSION LTD.	7292	0	7263	0	4252	0
88	PROJECTS & DEVELOPMENT INDIA LTD.	2926	247	2894	257	2969	258
89	RAIL VIKAS NIGAM LTD.	391	34	257	30	144	38
90	RAILTEL CORPORATION INDIA LTD.	0	21	0	20	0	31
91	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	0	10	0	9	0	10
92	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	454	21	454	18	454	24
93	RASHTRIYA ISPAT NIGAM LTD.	217	21	217	26	217	25
94	REC POWER DISTRIBUTION CO. LTD.	90	17	8	5	3	0
95	RITES LTD.	84	93	671	102	714	89
96	RURAL ELECTRIFICATION CORPN. LTD.	440	28	425	31	401	35
97	SCOOTERS INDIA LTD.	7581	166	6212	241	6178	373
98	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	6438	258	4922	265	4795	255
99	SJVN LTD.	0	149	0	155	0	152
100	STATE TRADING CORPN. OF INDIA LTD.	118	19	144	22	2	23
101	STEEL AUTHORITY OF INDIA LTD.	42513	78	43240	85	42508	95
102	TANDA TRANSMISSION COMPANY LTD.	0	0	158	0	140	0
103	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	40	10	32	8	27	9
104	THDC INDIA LTD.	52243	103	15131	94	7627	84
105	WAPCOS LTD.	17	4	19	7	23	6
106	WR-NR POWER TRANSMISSION LTD	1525	0	0	0	0	0
STATE TOTAL :		12825405	47989	11240598	57786	10064956	60781
UTTARANCHAL							
1	AIR INDIA AIR TRANSPORT SERVICES LTD.	34	34	34	34	0	0
2	AIRLINE ALLIED SERVICES LTD.	0	4	2	0	2	0
3	AIRPORTS AUTHORITY OF INDIA	20690	148	19515	0	0	0
4	BALMER LAWRIE & CO. LTD.	0	1	0	1	0	1
5	BHARAT BROADBAND NETWORK LTD.	0	3	5	3	4	2

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
6	BHARAT ELECTRONICS LTD.	3717	535	2875	543	2223	529
7	BHARAT HEAVY ELECTRICALS LTD.	94134	5303	89445	5536	87280	5858
8	BHARAT PETROLEUM CORPN. LTD.	7423	10	2206	5	1395	0
9	BHARAT SANCHAR NIGAM LTD.	231292	1604	220911	1729	218764	1874
10	BRIDGE & ROOF CO.(INDIA) LTD.	0	1	0	2	0	2
11	CENTRAL WAREHOUSING CORPN.	1046	0	879	90	805	39
12	ENGINEERING PROJECTS (INDIA) LTD.	0	1	21	3	147	3
13	FERRO SCRAP NIGAM LTD.	148	16	148	16	148	17
14	FOOD CORPN. OF INDIA	2421	298	2275	318	2200	307
15	GAIL (INDIA) LTD.	36747	13	0	14	0	9
16	HINDUSTAN ANTIBIOTICS LTD.	0	0	0	0	0	3
17	HINDUSTAN PETROLEUM CORPN. LTD.	10703	25	8573	24	7196	26
18	HINDUSTAN PREFAB LTD.	0	2	0	2	0	0
19	HINDUSTAN SALTS LTD.	3	1	3	2	0	1
20	HINDUSTAN STEELWORKS COSTN. LTD.	1	1	2	0	7	0
21	HLL LIFECARE LTD.	37	8	0	0	0	0
22	HMT WATCHES LTD.	9	145	9	146	0	416
23	HOUSING & URBAN DEV. CORPN. LTD.	327	11	312	9	312	9
24	HSCC (INDIA) LTD.	0	2	0	3	0	0
25	I T I LTD.	0	5	0	0	0	10
26	INDIAN DRUGS & PHARMACEUTICALS LTD.	6967	22	5461	31	645	48
27	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5312	129	5306	129	4295	131
28	INDIAN OIL CORPORATION LTD.	43082	181	60814	181	52885	183
29	IRCON INFRASTRUCTURE & SERVICES LTD.	853	0	853	0	853	0
30	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	0	0	0	0	1
31	MECON LTD.	0	1	0	1	0	0
32	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	14	0	8	0	6	7
33	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	921	49	1034	52	1088	61
34	NATIONAL SEEDS CORPN. LTD.	0	0	0	16	0	15
35	NATIONAL SMALL INDUSTRIES CORPN. LTD.	93	10	6	11	5	9
36	NBCC (INDIA) LTD.	5	55	5	77	5	72
37	NEPA LTD.	5	2	153	2	153	3
38	NHPC LTD.	126978	627	124168	666	120745	705
39	NTPC LTD.	380437	165	323119	171	286970	175
40	NUMALIGARH REFINERY LTD.	0	0	0	0	1	0
41	OIL & NATURAL GAS CORPORATION LTD.	116786	2012	70571	2201	48075	2375
42	OIL INDIA LTD.	0	10	0	6	0	5
43	POWER GRID CORPORATION OF INDIA LTD.	200259	49	168818	49	168818	51
44	RAIL VIKAS NIGAM LTD.	21	0	19	0	10	12
45	RAILTEL CORPORATION INDIA LTD.	0	2	0	2	0	3
46	RASHTRIYA ISPAT NIGAM LTD.	61	6	61	6	61	5
47	RITES LTD.	0	0	0	2	0	1
48	RURAL ELECTRIFICATION CORPN. LTD.	0	4	0	3	0	3
49	SIDCUL CONCOR INFRA COMPANY LTD.	9216	0	8844	0	8178	2
50	SJVN LTD.	22531	35	15361	36	12580	37
51	STEEL AUTHORITY OF INDIA LTD.	7	2	8	1	8	2
52	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	21	27	20	29	20	36
53	THDC INDIA LTD.	1535060	1809	1461474	1831	1388345	1901

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		2017-18		2016-17		2015-16	
		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
54	WAPCOS LTD.	12	4	14	4	4	2
STATE TOTAL :		2857373	13372	2593332	13987	2414233	14951
WEST BENGAL							
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	1643	0	0	0	0	0
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	3272	700	3272	700	2866	345
3	AIR INDIA EXPRESS LTD.	0	1	10	1	0	1
4	AIRLINE ALLIED SERVICES LTD.	132	0	89	62	170	0
5	AIRPORTS AUTHORITY OF INDIA	400792	1854	391196	0	459001	4202
6	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	24	11	24	11	24	11
7	ANDREW YULE & COMPANY LTD.	9608	7024	8987	7084	12885	7132
8	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	4	6	4	6	3	6
9	BALMER LAWRIE & CO. LTD.	9971	540	9500	576	19458	635
10	BEML LTD.	464	81	458	87	448	96
11	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	17229	217	17073	279	16679	326
12	BHARAT BROADBAND NETWORK LTD.	0	4	28	5	23	6
13	BHARAT COKING COAL LTD.	7821	1336	6495	992	5570	1054
14	BHARAT HEAVY ELECTRICALS LTD.	25472	738	22689	818	21242	840
15	BHARAT PETROLEUM CORPN. LTD.	160591	599	69209	659	55156	715
16	BHARAT PUMPS & COMPRESSORS LTD.	1	1	1	1	1	1
17	BHARAT SANCHAR NIGAM LTD.	1493199	10200	686615	5144	691175	12781
18	BHARAT WAGON & ENGG. CO. LTD.	5	0	5	3	5	4
19	BIRDS JUTE & EXPORTS LTD.	269	0	269	0	268	0
20	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3	1	4	1	4	2
21	BRAITHWAITE & CO. LTD.	6784	259	6893	280	6848	322
22	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	826	135	389	154	778	154
23	BRIDGE & ROOF CO.(INDIA) LTD.	1514	619	0	673	5716	668
24	BURN STANDARD COMPANY LTD.	49086	525	49086	525	48901	610
25	CENTRAL COALFIELDS LTD.	35	0	36	24	36	0
26	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	45	10	42	10	36	10
27	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	122	0	122	0	2214	2
28	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1397	327	1113	346	884	364
29	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1086	2	1075	2	1068	1
30	CENTRAL WAREHOUSING CORPN.	20387	229	13406	282	11625	323
31	COAL INDIA LTD.	28235	317	27832	690	27567	675
32	CONTAINER CORPORATION OF INDIA LTD.	5772	65	5357	65	4399	58
33	COTTON CORPN. OF INDIA LTD.	100	11	100	11	287	12
34	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	764	29	247	28	247	24
35	DREDGING CORPN. OF INDIA LTD.	54	52	0	79	0	51
36	E. C. G. C. LTD.	797	33	802	30	795	33
37	EASTERN COALFIELDS LTD.	351520	53227	278236	55221	719955	57111
38	EASTERN INVESTMENT LTD.	9	2	10	2	9	2
39	ELECTRONICS CORPN. OF INDIA LTD.	14	46	14	52	15	66
40	ENGINEERING PROJECTS (INDIA) LTD.	164	30	157	43	140	40
41	ENGINEERS INDIA LTD.	363	88	346	65	313	49
42	FERRO SCRAP NIGAM LTD.	3290	172	2772	176	1903	176
43	FOOD CORPN. OF INDIA	12969	1690	12081	1750	9288	1545
44	GAIL (INDIA) LTD.	127	24	25	15	20	16

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		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
45	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	47346	2152	40916	2345	36741	2518
46	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	16	5	16	5	16	7
47	HEAVY ENGINEERING CORPN. LTD.	119	4	119	5	119	5
48	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	0	0	15	0
49	HIL (INDIA) LTD.	24	10	22	13	4	13
50	HINDUSTAN AERONAUTICS LTD.	5850	416	6583	419	5407	422
51	HINDUSTAN ANTIBIOTICS LTD.	7	3	7	0	7	6
52	HINDUSTAN CABLES LTD.	21029	0	21029	0	21294	652
53	HINDUSTAN COPPER LTD.	392	117	344	118	285	124
54	HINDUSTAN FERTILIZER CORPN. LTD.	16868	0	16712	0	16712	0
55	HINDUSTAN PAPER CORPORATION LTD.	620	62	620	62	620	62
56	HINDUSTAN PETROLEUM CORPN. LTD.	80156	463	65819	495	62882	520
57	HINDUSTAN PREFAB LTD.	0	0	0	5	0	1
58	HINDUSTAN STEELWORKS COSTN. LTD.	4230	6	4272	9	4591	8
59	HILL LIFECARE LTD.	11	22	1548	15	1	12
60	HOOGHLY DOCK AND PORT ENGINEERS LTD.	767	45	1999	45	1999	45
61	HOOGHLY PRINTING COMPANY LTD.	637	43	633	49	643	47
62	HOOGLY COCHIN SHIPYARD LTD.	602	0	0	0	0	0
63	HOUSING & URBAN DEV. CORPN. LTD.	1244	23	1242	23	1242	24
64	HSCC (INDIA) LTD.	0	9	0	4	0	3
65	I T I LTD.	49	49	44	43	170	60
66	INDIA TOURISM DEV. CORPN. LTD.	6	16	6	13	17	15
67	INDIA TRADE PROMOTION ORGANISATION	185	7	185	7	185	6
68	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0	0	5	1
69	INDIAN OIL CORPORATION LTD.	1091304	3380	803795	3431	663966	3451
70	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	634	204	476	204	847	190
71	INSTRUMENTATION LTD.	35	9	35	9	30	9
72	IRCON INFRASTRUCTURE & SERVICES LTD.	1840	0	1840	0	1840	0
73	IRCON INTERNATIONAL LTD.	691	98	704	33	798	50
74	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	0	47	0	45	0	36
75	KOLKATA METRO RAIL CORPORATION LTD.	396714	25	239719	9	186481	38
76	M M T C LTD.	104	85	90	99	87	111
77	M S T C LTD.	1218	140	558	134	346	148
78	MAHANADI COALFIELDS LTD.	13	22	9	19	9	19
79	MECON LTD.	523	36	520	50	568	71
80	MEDINIPUR-JEERAT TRANSMISSION LTD.	12175	0	1920	0	26	0
81	MINERAL EXPLORATION CORPN. LTD.	233	9	135	13	289	4
82	MISHRA DHATU NIGAM LTD.	5	1	0	1	0	0
83	NATIONAL ALUMINIUM COMPANY LTD.	611	17	606	17	586	19
84	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	0	1	0	1	0	1
85	NATIONAL FILM DEV. CORPN. LTD.	45	7	46	7	45	8
86	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	76	16	73	16	78	14
87	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5543	0	5543	0	4164	52
88	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	147	93	82	108	191	115
89	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	16	2	16	2	15	1
90	NATIONAL SEEDS CORPN. LTD.	533	39	466	28	398	29
91	NATIONAL SMALL INDUSTRIES CORPN. LTD.	2673	49	2457	59	2070	70
92	NATIONAL TEXTILE CORPN. LTD.	2609	16	2629	42	2614	52

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		Gross Block	Employment	Gross Block	Employment	Gross Block	Employment
93	NBCC (INDIA) LTD.	7	157	4	144	10	159
94	NHPC LTD.	350660	433	349041	492	340051	475
95	NLC INDIA LTD.	42	2	24	2	22	3
96	NMDC Ltd.	1093	4	1092	3	1092	4
97	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	71	3	29	4	28	4
98	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	401	8	413	8	413	9
99	NORTH EASTERN REGIONAL AGRIL. MARKETING CORP.LTD.	0	2	0	2	0	2
100	NORTHERN COALFIELDS LTD.	5	11	47	11	47	11
101	NTPC LTD.	402453	1177	379323	1253	356704	1338
102	NTPC VIDYUT VYAPAR NIGAM LTD.	0	0	0	0	0	1
103	NUMALIGARH REFINERY LTD.	21657	42	19825	42	16959	44
104	OIL & NATURAL GAS CORPORATION LTD.	11309	410	19504	505	14263	551
105	OIL INDIA LTD.	9479	156	10932	158	10474	163
106	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	299	46	299	46	320	53
107	P E C LTD.	0	3	0	5	0	8
108	PFC CONSULTING LTD.	3	0	0	0	0	0
109	POWER GRID CORPORATION OF INDIA LTD.	942111	404	920038	401	795083	391
110	POWER SYSTEM OPERATION CORPORATION LTD.	2632	78	2407	80	2358	81
111	RAIL VIKAS NIGAM LTD.	694	71	852	59	735	43
112	RAILTEL CORPORATION INDIA LTD.	35580	67	30122	79	29103	65
113	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	11	6	3	5	3	5
114	RASHTRIYA ISPAT NIGAM LTD.	232	22	239	27	239	0
115	REC POWER DISTRIBUTION CO. LTD.	4	1	4	1	3	0
116	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	49	0
117	RITES LTD.	1491	230	2202	256	2063	236
118	RURAL ELECTRIFICATION CORPN. LTD.	710	13	694	15	603	19
119	SCOOTERS INDIA LTD.	0	1	0	2	0	2
120	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	10546	1193	18465	1316	16772	1406
121	SHIPPING CORPORATION OF INDIA LTD.	585	78	636	101	636	106
122	SJVN LTD.	0	11	0	11	0	12
123	SOUTH EASTERN COALFIELDS LTD.	0	0	0	48	0	50
124	STATE TRADING CORPN. OF INDIA LTD.	1732	45	1959	50	1959	55
125	STEEL AUTHORITY OF INDIA LTD.	3169060	17952	3087410	19389	3072898	20708
126	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5	7	5	6	3	3
127	THE BISRA STONE LIME COMPANY LTD.	14	2	14	2	7	3
128	THE JUTE CORPN. OF INDIA LTD.	381	195	374	242	359	459
129	WAPCOS LTD.	39	18	50	20	78	15
STATE TOTAL :		9277166	111801	7685911	109739	7809759	125992
GRAND TOTAL :		198461853	1088140	177025020	1135675	165498715	1166292

STATEMENT - 12
RANKING OF CPSEs IN TERMS OF PROFIT/LOSS BEFORE EXCEPTIONAL,
EXTRAORDINARY ITEMS & TAX (PBEET) IN 2017-18

CPSE	2017-18	2016-17	2015-16	Rank based on PBEET 2017-18
INDIAN OIL CORPORATION LTD.	3256428	2632124	1546229	1
OIL & NATURAL GAS CORPORATION LTD.	2889247	2521551	2682543	2
NTPC LTD.	1289246	1309903	1059577	3
BHARAT PETROLEUM CORPN. LTD.	1119802	1104279	1039104	4
POWER GRID CORPORATION OF INDIA LTD.	1047685	956976	754051	5
COAL INDIA LTD.	931483	1451023	1676820	6
HINDUSTAN PETROLEUM CORPN. LTD.	920193	902084	577664	7
POWER FINANCE CORPORATION LTD.	832695	510979	906066	8
MAHANADI COALFIELDS LTD.	733966	687568	626511	9
GAIL (INDIA) LTD.	693068	570955	306197	10
RURAL ELECTRIFICATION CORPN. LTD.	685209	886070	804521	11
NMDC Ltd.	603536	429368	427754	12
NUCLEAR POWER CORPN. OF INDIA LTD.	462217	323242	342157	13
AIRPORTS AUTHORITY OF INDIA	441694	455761	369735	14
NORTHERN COALFIELDS LTD.	408972	311705	411288	15
SOUTH EASTERN COALFIELDS LTD.	382097	318657	514884	16
OIL INDIA LTD.	370980	329805	365570	17
NHPC LTD.	352574	347460	262960	18
MANGALORE REFINERY & PETROCHEMICALS LTD.	337659	393414	134129	19
HINDUSTAN AERONAUTICS LTD.	332284	358258	320697	20
NUMALIGARH REFINERY LTD.	314234	314757	186573	21
NLC INDIA LTD.	258123	233408	97811	22
INDIAN RAILWAY FINANCE CORPORATION LTD.	254515	213327	194991	23
BHARAT ELECTRONICS LTD.	194784	202942	173212	24
SJVN LTD.	164837	187393	157660	25
BHARAT HEAVY ELECTRICALS LTD.	158499	62783	-116417	26
CHENNAI PETROLEUM CORPORATION LTD.	145823	136503	75864	27
CONTAINER CORPORATION OF INDIA LTD.	139265	118061	130795	28
CENTRAL COALFIELDS LTD.	134360	237130	310861	29
NATIONAL ALUMINIUM COMPANY LTD.	121475	100487	113520	30
HOUSING & URBAN DEV. CORPN. LTD.	109050	117474	107194	31
THDC INDIA LTD.	91643	96551	124711	32
ONGC VIDESH LTD.	82904	237018	74370	33
BHARAT DYNAMICS LTD.	77382	80281	84731	34
NHDC LTD.	74110	126036	84988	35
MAZAGON DOCK SHIPBUILDERS LTD.	69637	83700	92932	36
MOIL LTD.	64792	46190	27026	37
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	62994	91445	31159	38
COCHIN SHIPYARD LTD.	60486	49340	41965	39
ENGINEERS INDIA LTD.	56810	50018	41981	40
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	56075	53787	41762	41
RAIL VIKAS NIGAM LTD.	55779	48138	37183	42
IRCON INTERNATIONAL LTD.	53331	45785	60236	43
NBCC (INDIA) LTD.	50262	48765	40396	44
RITES LTD.	49349	48810	51555	45

CPSE	2017-18	2016-17	2015-16	Rank based on PBEET 2017-18
KAMARAJAR PORT LTD.	41710	41349	44394	46
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	41511	36025	43538	47
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	33623	32804	30592	48
NATIONAL FERTILIZERS LTD.	33483	32488	28842	49
GOA SHIPYARD LTD.	33054	17745	11069	50
ANTRIX CORPORATION LTD.	31621	33394	30929	51
BALMER LAWRIE & CO. LTD.	26112	25411	24021	52
AIR INDIA EXPRESS LTD.	26075	23696	36168	53
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	23399	0	0	54
I T I LTD.	23056	26639	13869	55
NLC TAMIL NADU POWER LTD.	21848	13420	-24472	56
RAILTEL CORPORATION INDIA LTD.	19385	18927	19399	57
MISHRA DHATU NIGAM LTD.	19187	18635	16185	58
BEML LTD.	16379	9829	7792	59
WAPCOS LTD.	16368	15691	12917	60
NATIONAL SMALL INDUSTRIES CORPN. LTD.	15112	16507	15695	61
INDIA TRADE PROMOTION ORGANISATION	14840	17110	18573	62
MINERAL EXPLORATION CORPN. LTD.	14791	16123	11837	63
E. C. G. C. LTD.	12930	40749	38736	64
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	12834	24873	26523	65
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	12775	2012	23347	66
KONKAN RAILWAY CORPORATION LTD.	12582	5966	13396	67
URANIUM CORPORATION OF INDIA LTD.	12410	20921	15453	68
INDIAN RARE EARTHS LTD.	12385	-602	-11373	69
HINDUSTAN COPPER LTD.	12204	9455	3996	70
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	12082	6458	1535	71
GAIL GAS LTD.	11894	10019	5975	72
M S T C LTD.	11159	9661	9166	73
SOLAR ENERGY CORPORATION OF INDIA	10174	7927	3247	74
NTPC VIDYUT VYAPAR NIGAM LTD.	9481	11831	8027	75
PETRONET CCK LTD.	9007	9007	9129	76
KIOCL LTD.	8608	3295	-8967	77
ELECTRONICS CORPN. OF INDIA LTD.	8400	8408	8069	78
POWERGRID VIZAG TRANSMISSION LTD.	8115	-3054	529	79
HINDUSTAN SHIPYARD LTD.	7669	5853	1900	80
POWER SYSTEM OPERATION CORPORATION LTD.	7209	5480	8128	81
M M T C LTD.	6754	-1004	-745	82
AIR INDIA AIR TRANSPORT SERVICES LTD.	6167	6167	10267	83
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	5995	7951	6457	84
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	5943	2128	1743	85
HSCC (INDIA) LTD.	5836	5569	8798	86
REC POWER DISTRIBUTION CO. LTD.	5763	6067	5544	87
BALMER LAWRIE INVESTMENTS LTD.	5546	4088	3765	88
EdCIL(India) Ltd.	5487	4730	4699	89
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5455	4839	2097	90
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	5079	5574	4620	91
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	5065	11069	10838	92
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	4751	4901	4412	93

CPSE	2017-18	2016-17	2015-16	Rank based on PBEET 2017-18
REC TRANSMISSION PROJECTS CO. LTD.	4721	4986	4242	94
PFC CONSULTING LTD.	4555	8855	5710	95
PFC GREEN ENERGY LTD.	4414	4314	3295	96
MECON LTD.	4399	-7735	-17470	97
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	3926	2794	469	98
HINDUSTAN STEELWORKS COSTN. LTD.	3813	2662	5313	99
POWER GRID WARORA TRANSMISSION LTD.	3676	305	0	100
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	3640	4704	3802	101
BHARTIYA RAIL BIJLEE CO. LTD.	3459	966	383	102
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	3158	3625	4433	103
TAMIL NADU TRADE PROMOTION ORGANISATION	3153	3091	2151	104
NEPA LTD.	3012	-6862	-7012	105
SHIPPING CORPORATION OF INDIA LTD.	2948	18576	78943	106
CENTRAL WAREHOUSING CORPN.	2762	26059	28356	107
THE JUTE CORPN. OF INDIA LTD.	2746	1289	1835	108
BRIDGE & ROOF CO.(INDIA) LTD.	2607	3008	503	109
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2550	2242	2159	110
CENTRAL ELECTRONICS LTD.	2460	2756	931	111
ANDREW YULE & COMPANY LTD.	2357	3850	927	112
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2322	4707	3019	113
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2313	1971	1983	114
DREDGING CORPN. OF INDIA LTD.	2177	1228	3404	115
SAIL REFRACTORY COMPANY LTD.	2173	3265	2854	116
NATIONAL FILM DEV. CORPN. LTD.	2128	7	-518	117
CHANDIGARH INTERNATIONAL AIRPORT LTD.	2086	0	0	118
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	2012	2508	2346	119
CONCOR AIR LTD.	1922	1199	2284	120
IRCON INFRASTRUCTURE & SERVICES LTD.	1811	2081	2261	121
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1802	1806	1043	122
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1797	1570	1492	123
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1559	4220	2303	124
RICHARDSON & CRUDDAS(1972) LTD.	1519	1519	-1006	125
NATIONAL SEEDS CORPN. LTD.	1501	6608	4893	126
INDIA TOURISM DEV. CORPN. LTD.	1405	3507	4052	127
FERRO SCRAP NIGAM LTD.	1304	3627	6120	128
BEL OPTRONICS DEVICES LTD.	1268	859	523	129
KUMARAKRUPPA FRONTIER HOTELS LTD.	1241	1110	1081	130
PAWAN HANS LTD.	1200	3693	9620	131
HLL INFRA TECH SERVICES LTD.	1126	409	175	132
NBCC SERVICES LTD.	1122	1060	857	133
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	1091	453	-46	134
POWERGRID KALA AMB TRANSMISSION LTD.	1062	0	0	135
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1006	451	-997	136
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	865	966	0	137
POWERGRID UNCHAHAAR TRANSMISSION LTD.	753	-8	0	138
KARNATAKA TRADE PROMOTION ORGANISATION	683	502	503	139
CEMENT CORPN. OF INDIA LTD.	660	-2230	5331	140
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	622	1738	1777	141

CPSE	2017-18	2016-17	2015-16	Rank based on PBEET 2017-18
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	475	475	807	142
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	462	2704	6888	143
HIL (INDIA) LTD.	447	414	230	144
IIFCL ASSET MANAGEMENT COMPANY LTD.	425	168	143	145
BHARAT BROADBAND NETWORK LTD.	409	2811	-566	146
HINDUSTAN FERTILIZER CORPN. LTD.	391	245	94	147
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	376	1161	377	148
HMT LTD.	367	-4547	9051	149
IIFCL PROJECTS LTD.	321	231	358	150
STATE TRADING CORPN. OF INDIA LTD.	302	-595	-109	151
HINDUSTAN PREFAB LTD.	288	891	1289	152
BRAITHWAITE & CO. LTD.	260	-895	64	153
RAILTEL ENTERPRISES LTD.	230	188	125	154
AGRINNOVATE INDIA LTD.	229	322	369	155
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	194	109	838	156
HINDUSTAN SALTS LTD.	184	40	-113	157
ENGINEERING PROJECTS (INDIA) LTD.	172	412	3820	158
MUMBAI RAILWAY VIKAS CORPORATION LTD.	162	2338	4021	159
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	152	92	328	160
J & K MINERAL DEVELOPMENT CORPN. LTD.	141	-85	-165	161
IRCON PB TOLLWAY LTD.	125	83	570	162
FERTILIZER CORPN. OF INDIA LTD.	78	3480	1323	163
ORISSA DRUGS & CHEMICALS LTD.	78	78	146	164
MILLENNIUM TELECOM LTD.	71	47	45	165
EASTERN INVESTMENT LTD.	67	117	171	166
DELHI POLICE HOUSING CORPORATION LTD.	64	2	174	167
NATIONAL RESEARCH DEVELOPMENT CORPN.	62	134	5	168
PROJECTS & DEVELOPMENT INDIA LTD.	61	-995	-640	169
PFC CAPITAL ADVISORY SERVICE LTD.	56	156	201	170
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	47	-113	-196	171
VIGNYAN INDUSTRIES LTD.	43	13	67	172
HIGH SPEED RAIL CORPORATION OF INDIA LTD.	8	17	0	173
PONDICHERRY ASHOK HOTEL CORPN. LTD.	4	34	-16	174
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	3	3	-871	175
IRCON SHIVPURI GUNA TOLLWAY LTD.	1	61	-129	176
HMT (INTERNATIONAL) LTD.	1	26	90	177
PATRATU VIDYUT UTPADAN NIGAM LTD.	-4	0	-1	178
RITES INFRASTRUCTURE SERVICES LTD.	-10	-10	-39	179
INDIAN VACCINE CORP. LTD.	-45	-50	-74	180
HINDUSTAN FLUOROCARBONS LIMITED	-77	-385	-1111	181
UTKAL ASHOK HOTEL CORPN. LTD.	-78	-76	-205	182
DONYI POLO ASHOK HOTEL LTD.	-145	-9	7	183
PRIZE PETROLEUM COMPANY LTD.	-157	-1495	-4750	184
TCIL LAKHNADONE TOLL ROAD LTD.	-159	-464	-4	185
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	-201	-197	-168	186
IDPL (TAMILNADU) LTD.	-239	-239	-73	187
BEL-THALES SYSTEMS LTD.	-248	-82	-244	188

CPSE	2017-18	2016-17	2015-16	Rank based on PBEET 2017-18
SAMBHAR SALTS LTD.	-258	-855	-890	189
NBCC ENGINEERING AND CONSULTANCY LTD.	-264	-25	-8	190
HOOGHLY PRINTING COMPANY LTD.	-357	-23	85	191
BIRDS JUTE & EXPORTS LTD.	-485	-485	-464	192
TCIL BINA TOLL ROAD LTD.	-511	-1046	-1043	193
BROADCAST ENGG. CONSULTANTS INDIA LTD.	-578	341	-965	194
NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	-589	-589	-589	195
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	-599	-599	-599	196
BHEL ELECTRICAL MACHINES LTD.	-773	-582	-397	197
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	-796	922	-897	198
FRESH & HEALTHY ENTERPRISES LTD.	-1062	-1366	-2591	199
NAINI AEROSPACE LTD.	-1063	-174	0	200
THE BISRA STONE LIME COMPANY LTD.	-1071	-1773	-1664	201
SIDCUL CONCOR INFRA COMPANY LTD.	-1123	-1029	353	202
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	-1131	-41	94	203
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	-1166	11	0	204
BHARAT WAGON & ENGG. CO. LTD.	-1423	-1423	-1532	205
HOOGHLY DOCK AND PORT ENGINEERS LTD.	-1533	-1798	-1978	206
NAGALAND PULP & PAPER COMPANY LTD.	-1739	-1739	-1739	207
SCOOTERS INDIA LTD.	-1862	-879	577	208
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-2249	750	2850	209
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	-2254	-1863	-1420	210
HLL BIOTECH LTD.	-3323	-481	-610	211
BURN STANDARD COMPANY LTD.	-3351	-3351	-2837	212
COTTON CORPN. OF INDIA LTD.	-4459	95	1953	213
MADRAS FERTILIZERS LTD.	-4464	474	-9754	214
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	-4971	-4971	-4971	215
HOTEL CORPN. OF INDIA LTD.	-5637	-5575	-5776	216
HLL LIFECARE LTD.	-6681	-3585	3614	217
P E C LTD.	-6717	-9539	-10741	218
HINDUSTAN ANTIBIOTICS LTD.	-6858	-7824	-7718	219
INSTRUMENTATION LTD.	-7373	-7373	-6812	220
HPCL BIOFUELS LTD.	-7794	-3072	-6047	221
BHARAT PUMPS & COMPRESSORS LTD.	-8189	-8189	-4951	222
BRITISH INDIA CORPORATION LTD.	-10221	-10221	-9724	223
HEAVY ENGINEERING CORPN. LTD.	-11193	-8227	-18077	224
HINDUSTAN NEWSPRINT LTD.	-11444	-6487	-3882	225
POWERGRID NM TRANSMISSION LTD.	-11505	-2898	0	226
HMT MACHINE TOOLS LTD.	-12925	-12759	-10666	227
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	-13052	-26268	-46454	228
BRAHMAPUTRA CRACKERS & POLYMER LTD.	-13124	-61194	-26602	229
INDIAN DRUGS & PHARMACEUTICALS LTD.	-16894	-15338	-16024	230
KANTI BIJLEE UTPADAN NIGAM LTD.	-18109	-2195	-7573	231
BHARAT PETRO RESOURCES LTD.	-18714	-20809	-3664	232
HINDUSTAN ORGANIC CHEMICALS LTD.	-19947	-25557	-17391	233
AIRLINE ALLIED SERVICES LTD.	-24429	-28803	-20239	234
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-25817	1236	1938	235
NATIONAL TEXTILE CORPN. LTD.	-33323	-42996	-32828	236

CPSE	2017-18	2016-17	2015-16	Rank based on PBEET 2017-18
HINDUSTAN PAPER CORPORATION LTD.	-40455	-40455	-40455	237
ONGC MANGALORE PETROCHEMICALS LTD.	-47585	-49328	-87949	238
AIR INDIA ENGINEERING SERVICES LTD.	-50516	-50516	-40710	239
STCL LTD.	-65743	-56166	-47988	240
STEEL AUTHORITY OF INDIA LTD.	-78537	-463412	-700750	241
HINDUSTAN CABLES LTD.	-96349	-96349	-99496	242
INDIA INFRASTRUCTURE FINANCE CO. LTD.	-102774	41406	96453	243
RASHTRIYA ISPAT NIGAM LTD.	-137040	-169049	-170182	244
EASTERN COALFIELDS LTD.	-146673	1532	112319	245
BHARAT COKING COAL LTD.	-212525	-26308	60568	246
WESTERN COALFIELDS LTD.	-282928	-107551	39420	247
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-290115	-290115	-248461	248
MAHANAGAR TELEPHONE NIGAM LTD.	-297345	-294546	-275576	249
AIR INDIA LTD.	-522535	-413615	-383522	250
BHARAT SANCHAR NIGAM LTD.	-873816	-479321	-485916	251
TOTAL :	18236810	17778403	15599748	

STATEMENT - 13
RANKING OF CPSEs IN TERMS OF GROSS TURNOVER / REVENUE IN 2017-18

(₹ in Lakhs)

CPSE	Gross Turnover / Revenue			Rank
	2017-18	2016-17	2015-16	2017-18
INDIAN OIL CORPORATION LTD.	50642759	44544190	40682799	1
BHARAT PETROLEUM CORPN. LTD.	27716223	24204782	21789477	2
HINDUSTAN PETROLEUM CORPN. LTD.	24408512	21386982	19774383	3
FOOD CORPN. OF INDIA	13244325	13120563	13170967	4
OIL & NATURAL GAS CORPORATION LTD.	8500410	7790773	7774175	5
NTPC LTD.	8345270	7827344	7084381	6
MANGALORE REFINERY & PETROCHEMICALS LTD.	6308364	5943049	5087958	7
STEEL AUTHORITY OF INDIA LTD.	5896236	4976710	4387517	8
GAIL (INDIA) LTD.	5382549	4888299	5219597	9
CHENNAI PETROLEUM CORPORATION LTD.	4418849	4060752	3497058	10
POWER GRID CORPORATION OF INDIA LTD.	2975246	2571007	2066581	11
BHARAT HEAVY ELECTRICALS LTD.	2906098	2969982	2663837	12
POWER FINANCE CORPORATION LTD.	2641447	2658642	2747365	13
AIR INDIA LTD.	2300367	2182707	1999233	14
BHARAT SANCHAR NIGAM LTD.	2266778	2840373	2838086	15
RURAL ELECTRIFICATION CORPN. LTD.	2235827	2358730	2363835	16
SOUTH EASTERN COALFIELDS LTD.	2014101	1893653	1835847	17
HINDUSTAN AERONAUTICS LTD.	1862378	1855356	1715860	18
M M T C LTD.	1645081	1170836	1256896	19
NUMALIGARH REFINERY LTD.	1592319	1394692	1192544	20
MAHANADI COALFIELDS LTD.	1468220	1498198	1468132	21
RASHTRIYA ISPAT NIGAM LTD.	1460718	1241874	1016304	22
ONGC VIDESH LTD.	1278714	1162870	1063548	23
NORTHERN COALFIELDS LTD.	1270571	1129399	1077680	24
AIRPORTS AUTHORITY OF INDIA	1230669	1186054	1025520	25
NUCLEAR POWER CORPN. OF INDIA LTD.	1220634	1000318	962609	26
CENTRAL COALFIELDS LTD.	1178703	1150709	1154320	27
NMDC Ltd.	1161491	882964	645727	28
INDIAN RAILWAY FINANCE CORPORATION LTD.	1101851	904677	750623	29
EASTERN COALFIELDS LTD.	1094125	1046237	1048829	30
STATE TRADING CORPN. OF INDIA LTD.	1086571	781449	1060105	31
OIL INDIA LTD.	1065647	951039	976487	32
BHARAT ELECTRONICS LTD.	1040061	914044	769537	33
NATIONAL ALUMINIUM COMPANY LTD.	961831	805002	726923	34
NATIONAL FERTILIZERS LTD.	892829	764336	779391	35
NLC INDIA LTD.	849620	865259	665205	36
WESTERN COALFIELDS LTD.	842855	746524	823625	37
BHARAT COKING COAL LTD.	788443	884975	929949	38
RAIL VIKAS NIGAM LTD.	755656	591962	454130	39
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	731863	722416	824135	40
NHPC LTD.	693403	727117	735300	41
CONTAINER CORPORATION OF INDIA LTD.	616712	560613	592173	42
NBCC (INDIA) LTD.	590501	627939	581243	43
ONGC MANGALORE PETROCHEMICALS LTD.	556129	525657	418757	44
NTPC VIDYUT VYAPAR NIGAM LTD.	501527	522384	402002	45
GAIL GAS LTD.	460213	279432	156629	46

CPSE	Gross Turnover / Revenue			Rank
	2017-18	2016-17	2015-16	2017-18
BHARAT DYNAMICS LTD.	458760	488662	415997	47
P E C LTD.	447091	427151	378429	48
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	444515	596602	473058	49
MAZAGON DOCK SHIPBUILDERS LTD.	440959	353048	412706	50
HOUSING & URBAN DEV. CORPN. LTD.	407542	349885	320481	51
IRCON INTERNATIONAL LTD.	389639	302423	241851	52
INDIA INFRASTRUCTURE FINANCE CO. LTD.	356814	375095	421097	53
AIR INDIA EXPRESS LTD.	354563	329862	291644	54
SHIPPING CORPORATION OF INDIA LTD.	346947	344735	404988	55
BEML LTD.	330542	283466	328433	56
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	287571	329623	262820	57
NLC TAMIL NADU POWER LTD.	281771	253315	122474	58
NATIONAL SMALL INDUSTRIES CORPN. LTD.	253582	231188	262863	59
KONKAN RAILWAY CORPORATION LTD.	247999	214442	160001	60
MAHANAGAR TELEPHONE NIGAM LTD.	237191	286968	312396	61
COCHIN SHIPYARD LTD.	235512	205887	199346	62
SJVN LTD.	222997	267931	249396	63
THDC INDIA LTD.	219064	209474	246649	64
BRIDGE & ROOF CO.(INDIA) LTD.	205342	174745	171687	65
M S T C LTD.	194627	142869	289155	66
ANTRIX CORPORATION LTD.	193227	187171	179493	67
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	192867	188327	174978	68
ENGINEERS INDIA LTD.	178758	144864	151101	69
URANIUM CORPORATION OF INDIA LTD.	178274	126599	101426	70
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	177913	147927	117403	71
BALMER LAWRIE & CO. LTD.	175921	182808	171560	72
BRAHAMPUTRA CRACKERS & POLYMER LTD.	174868	77849	192	73
HINDUSTAN COPPER LTD.	171967	131077	107187	74
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	163295	140447	160588	75
MADRAS FERTILIZERS LTD.	161714	139483	120451	76
HSCC (INDIA) LTD.	161156	151116	102180	77
ENGINEERING PROJECTS (INDIA) LTD.	160741	163038	129546	78
KIOCL LTD.	160541	92936	20557	79
CENTRAL WAREHOUSING CORPN.	150209	150849	154066	80
I T I LTD.	148417	154813	125444	81
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	146818	153893	138173	82
BITES LTD.	143924	129935	108601	83
ELECTRONICS CORPN. OF INDIA LTD.	140729	149732	147356	84
COTTON CORPN. OF INDIA LTD.	139222	185346	1706696	85
GOA SHIPYARD LTD.	137343	105545	76233	86
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	134652	92932	166200	87
MOIL LTD.	132346	98984	63460	88
E. C. G. C. LTD.	127041	87405	98327	89
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	125837	124141	84774	90
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	123263	113905	132772	91
SOLAR ENERGY CORPORATION OF INDIA	115818	78519	57390	92
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	115475	93052	75927	93
WAPCOS LTD.	114129	92136	82644	94
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	112717	111822	94072	95

CPSE	Gross Turnover / Revenue			Rank
	2017-18	2016-17	2015-16	2017-18
HLL LIFECARE LTD.	107538	105435	104469	96
NATIONAL TEXTILE CORPN. LTD.	106627	116850	112921	97
RAILTEL CORPORATION INDIA LTD.	98385	84786	57221	98
HINDUSTAN STEELWORKS COSTN. LTD.	97954	111176	134751	99
KANTI BIJLEE UTPADAN NIGAM LTD.	86156	38825	37552	100
NATIONAL SEEDS CORPN. LTD.	81584	86234	75297	101
NHDC LTD.	78491	130693	95090	102
AIR INDIA ENGINEERING SERVICES LTD.	74045	74045	57075	103
BHARTIYA RAIL BIJLEE CO. LTD.	69741	8687	0	104
MISHRA DHATU NIGAM LTD.	66608	80971	76145	105
HINDUSTAN SHIPYARD LTD.	64478	62904	58477	106
KAMARAJAR PORT LTD.	63098	62014	61649	107
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	61523	59182	197252	108
AIRLINE ALLIED SERVICES LTD.	61303	36767	26820	109
AIR INDIA AIR TRANSPORT SERVICES LTD.	59679	59679	57491	110
DREDGING CORPN. OF INDIA LTD.	59187	58515	66586	111
INDIAN RARE EARTHS LTD.	57488	46210	36299	112
MECON LTD.	48022	34909	32785	113
CONCOR AIR LTD.	44987	36852	33989	114
HIL (INDIA) LTD.	43906	36951	33475	115
NATIONAL FILM DEV. CORPN. LTD.	42042	16214	11151	116
HEAVY ENGINEERING CORPN. LTD.	40645	44033	41305	117
HINDUSTAN PAPER CORPORATION LTD.	40482	40482	40482	118
PAWAN HANS LTD.	39542	42764	45325	119
IRCON SHIVPURI GUNA TOLLWAY LTD.	38193	29412	656	120
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	38146	44721	62827	121
COAL INDIA LTD.	37037	31118	17716	122
MINERAL EXPLORATION CORPN. LTD.	36908	34771	26732	123
ANDREW YULE & COMPANY LTD.	36150	42671	37552	124
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	35954	38925	32954	125
INDIA TOURISM DEV. CORPN. LTD.	34387	33077	43713	126
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	34333	0	0	127
CEMENT CORPN. OF INDIA LTD.	33114	37368	43636	128
FERRO SCRAP NIGAM LTD.	31961	31058	33416	129
EdCIL(India) Ltd.	28871	15822	17028	130
IRCON PB TOLLWAY LTD.	27754	17789	4589	131
HINDUSTAN NEWSPRINT LTD.	26072	33794	33190	132
INDIA TRADE PROMOTION ORGANISATION	24748	26315	24553	133
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	24288	23037	21431	134
HINDUSTAN ORGANIC CHEMICALS LTD.	24233	14330	12081	135
POWERGRID VIZAG TRANSMISSION LTD.	24230	6759	781	136
BROADCAST ENGG. CONSULTANTS INDIA LTD.	23935	22343	2927	137
HINDUSTAN PREFAB LTD.	23845	26019	42323	138
CENTRAL ELECTRONICS LTD.	22127	29197	21118	139
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	21745	23832	18935	140
POWER SYSTEM OPERATION CORPORATION LTD.	20271	17825	16519	141
REC POWER DISTRIBUTION CO. LTD.	20193	18268	14797	142
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	19288	13821	9105	143

CPSE	Gross Turnover / Revenue			Rank
	2017-18	2016-17	2015-16	2017-18
BURN STANDARD COMPANY LTD.	19279	19279	12070	144
THE JUTE CORPN. OF INDIA LTD.	18004	6330	7372	145
HMT MACHINE TOOLS LTD.	17708	19752	21783	146
HPCL BIOFUELS LTD.	13423	38252	16874	147
SAIL REFRACTORY COMPANY LTD.	13158	14168	13081	148
BRAITHWAITE & CO. LTD.	13089	15419	12070	149
BEL Optronics DEVICES LTD.	12164	12388	10928	150
PETRONET CCK LTD.	10978	10978	10778	151
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	9530	8442	8555	152
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	9521	6646	3432	153
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	9437	4296	2382	154
CHANDIGARH INTERNATIONAL AIRPORT LTD.	9235	0	0	155
BHARAT PETRO RESOURCES LTD.	8970	4750	0	156
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	8844	8218	14872	157
NBCC SERVICES LTD.	8637	10726	8099	158
HLL INFRA TECH SERVICES LTD.	8632	3656	1954	159
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	7883	9248	9623	160
BHARAT PUMPS & COMPRESSORS LTD.	7527	7527	7858	161
INSTRUMENTATION LTD.	7438	7438	11787	162
PFC GREEN ENERGY LTD.	7394	6479	3871	163
HOOGHLY DOCK AND PORT ENGINEERS LTD.	7343	0	1273	164
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	7124	8750	8577	165
PROJECTS & DEVELOPMENT INDIA LTD.	6820	4599	6429	166
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	6563	5567	1710	167
POWER GRID WARORA TRANSMISSION LTD.	6370	366	0	168
PFC CONSULTING LTD.	6045	10346	6026	169
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	5603	7766	4735	170
HOTEL CORPN. OF INDIA LTD.	5535	5049	4642	171
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	5520	4833	4743	172
SCOOTERS INDIA LTD.	5055	10855	15210	173
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	5029	3818	3756	174
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	4860	5133	6380	175
MUMBAI RAILWAY VIKAS CORPORATION LTD.	4578	6030	6584	176
HINDUSTAN FLUOROCARBONS LIMITED	4308	3806	3963	177
THE BISRA STONE LIME COMPANY LTD.	4238	3611	3849	178
REC TRANSMISSION PROJECTS CO. LTD.	4173	4153	3409	179
HIGH SPEED RAIL CORPORATION OF INDIA LTD.	4080	0	0	180
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	3944	2888	2343	181
POWERGRID KALA AMB TRANSMISSION LTD.	3758	0	0	182
NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	3752	3752	3752	183
TAMIL NADU TRADE PROMOTION ORGANISATION	3686	3718	3152	184
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	3653	3653	3653	185
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	3587	3276	4486	186
RICHARDSON & CRUDDAS(1972) LTD.	3547	3547	2194	187
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	3480	12419	12803	188
IRCON INFRASTRUCTURE & SERVICES LTD.	3236	4098	7405	189
INDIAN DRUGS & PHARMACEUTICALS LTD.	3175	7750	8714	190

CPSE	Gross Turnover / Revenue			Rank
	2017-18	2016-17	2015-16	2017-18
HINDUSTAN ANTIBIOTICS LTD.	3148	1073	1512	191
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	3095	2477	2262	192
VIGNYAN INDUSTRIES LTD.	3027	3321	3218	193
HMT (INTERNATIONAL) LTD.	2494	2398	3391	194
SAMBHAR SALTS LTD.	1913	1875	1907	195
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1817	1473	1215	196
POWERGRID UNCHAHAR TRANSMISSION LTD.	1634	408	0	197
HMT LTD.	1480	1043	726	198
BHEL ELECTRICAL MACHINES LTD.	1451	3218	4179	199
ORISSA DRUGS & CHEMICALS LTD.	1428	1428	2124	200
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1246	1267	1071	201
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	1116	0	0	202
NATIONAL RESEARCH DEVELOPMENT CORPN.	1074	2529	1748	203
NEPA LTD.	1025	3034	7130	204
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1019	894	979	205
KUMARAKRUPPA FRONTIER HOTELS LTD.	975	879	815	206
HOOGHLY PRINTING COMPANY LTD.	919	1614	1705	207
HINDUSTAN SALTS LTD.	795	656	431	208
IIFCL PROJECTS LTD.	761	678	649	209
PRIZE PETROLEUM COMPANY LTD.	744	982	901	210
IIFCL ASSET MANAGEMENT COMPANY LTD.	731	441	403	211
SIDCUL CONCOR INFRA COMPANY LTD.	678	462	190	212
MILLENNIUM TELECOM LTD.	676	482	137	213
BHARAT WAGON & ENGG. CO. LTD.	613	613	178	214
TCIL BINA TOLL ROAD LTD.	547	515	485	215
IDPL (TAMILNADU) LTD.	541	541	904	216
PONDICHERRY ASHOK HOTEL CORPN. LTD.	525	544	387	217
TCIL LAKHNADONE TOLL ROAD LTD.	483	193	0	218
KARNATAKA TRADE PROMOTION ORGANISATION	443	366	482	219
RAILTEL ENTERPRISES LTD.	329	1671	569	220
BEL-THALES SYSTEMS LTD.	314	147	0	221
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	298	298	298	222
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	273	273	4299	223
DONYI POLO ASHOK HOTEL LTD.	246	307	285	224
NBCC ENGINEERING AND CONSULTANCY LTD.	232	492	0	225
BIRDS JUTE & EXPORTS LTD.	188	188	81	226
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	90	51	0	227
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	88	76	132	228
NAINI AEROSPACE LTD.	64	0	0	229
EASTERN INVESTMENT LTD.	45	100	162	230
BHARAT BROADBAND NETWORK LTD.	35	32	41	231
HLL BIOTECH LTD.	32	11	6	232
BRITISH INDIA CORPORATION LTD.	26	26	22	233
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	24	24	71	234
AGRINNOVATE INDIA LTD.	4	13	167	235
RITES INFRASTRUCTURE SERVICES LTD.	3	3	1369	236
FRESH & HEALTHY ENTERPRISES LTD.	1	47	2287	237
PATRATU VIDYUT UTPADAN NIGAM LTD.	-53	18209	0	238

STATEMENT - 14
RANKING OF CPSEs IN TERMS OF EMPLOYMENT IN 2017-18

CPSE	No. of Employees (excluding casual labour)			Rank
	2017-18	2016-17	2015-16	2017-18
BHARAT SANCHAR NIGAM LTD.	183522	196448	211086	1
STEEL AUTHORITY OF INDIA LTD.	76870	82964	88655	2
EASTERN COALFIELDS LTD.	61796	64029	66238	3
SOUTH EASTERN COALFIELDS LTD.	58143	61209	64505	4
BHARAT COKING COAL LTD.	48747	51147	53670	5
WESTERN COALFIELDS LTD.	45663	47632	49062	6
CENTRAL COALFIELDS LTD.	40777	42156	43681	7
BHARAT HEAVY ELECTRICALS LTD.	37540	39821	42198	8
INDIAN OIL CORPORATION LTD.	33157	33135	32803	9
OIL & NATURAL GAS CORPORATION LTD.	32265	33660	33927	10
HINDUSTAN AERONAUTICS LTD.	29362	29526	30300	11
MAHANAGAR TELEPHONE NIGAM LTD.	25191	27919	31070	12
MAHANADI COALFIELDLS LTD.	22430	22036	22397	13
FOOD CORPN. OF INDIA	22370	23642	21047	14
NTPC LTD.	19739	20593	21633	15
RASHTRIYA ISPAT NIGAM LTD.	17617	17838	17873	16
AIRPORTS AUTHORITY OF INDIA	17535	17489	17327	17
NORTHERN COALFIELDS LTD.	15057	15357	16078	18
ANDREW YULE & COMPANY LTD.	14731	14757	14858	19
NLC INDIA LTD.	14446	15030	15880	20
BHARAT PETROLEUM CORPN. LTD.	12019	12484	12623	21
AIR INDIA LTD.	11827	11827	12826	22
NUCLEAR POWER CORPN. OF INDIA LTD.	11460	11303	11392	23
HINDUSTAN PETROLEUM CORPN. LTD.	10352	10422	10538	24
BHARAT ELECTRONICS LTD.	9726	9716	9848	25
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	9638	10354	11052	26
POWER GRID CORPORATION OF INDIA LTD.	8900	8887	8298	27
BEML LTD.	7722	8221	8827	28
NATIONAL TEXTILE CORPN. LTD.	7662	7748	7603	29
NHPC LTD.	7351	8009	8654	30
AIR INDIA AIR TRANSPORT SERVICES LTD.	7242	7242	2342	31
OIL INDIA LTD.	6955	7228	7532	32
NATIONAL ALUMINIUM COMPANY LTD.	6776	6938	7100	33
MOIL LTD.	6080	6201	6305	34
NMDC Ltd.	5382	5572	5773	35
KONKAN RAILWAY CORPORATION LTD.	5253	5162	5052	36
MAZAGON DOCK SHIPBUILDERS LTD.	4801	5083	8933	37
URANIUM CORPORATION OF INDIA LTD.	4710	4773	4707	38
GAIL (INDIA) LTD.	4486	4355	4316	39
AIR INDIA ENGINEERING SERVICES LTD.	4440	4440	4440	40
I T I LTD.	3576	4052	5229	41
CENTRAL WAREHOUSING CORPN.	3570	3639	4078	42
NATIONAL FERTILIZERS LTD.	3430	3517	3595	43
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3379	3498	3622	44

CPSE	No. of Employees (excluding casual labour)			Rank
	2017-18	2016-17	2015-16	2017-18
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3337	3527	3775	45
BHARAT DYNAMICS LTD.	3095	3182	3132	46
HLL LIFECARE LTD.	3037	1733	1870	47
ENGINEERS INDIA LTD.	2827	2939	3042	48
HINDUSTAN COPPER LTD.	2508	2843	3252	49
RITEES LTD.	2216	2326	2280	50
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2214	2401	2592	51
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	2179	2304	2421	52
ONGC VIDESH LTD.	2079	2263	2223	53
COAL INDIA LTD.	2044	2570	2734	54
ELECTRONICS CORPN. OF INDIA LTD.	1992	2239	2517	55
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1963	2180	2400	56
NBCC (INDIA) LTD.	1945	1951	1997	57
THDC INDIA LTD.	1922	1936	1990	58
MANGALORE REFINERY & PETROCHEMICALS LTD.	1916	1917	1812	59
HINDUSTAN PAPER CORPORATION LTD.	1840	1840	1840	60
COCHIN SHIPYARD LTD.	1782	1829	1671	61
CHENNAI PETROLEUM CORPORATION LTD.	1709	1645	1637	62
IRCON INTERNATIONAL LTD.	1623	1183	1318	63
SJVN LTD.	1607	1691	1755	64
INDIAN RARE EARTHS LTD.	1521	1662	1790	65
CONTAINER CORPORATION OF INDIA LTD.	1475	1471	1331	66
NATIONAL SEEDS CORPN. LTD.	1466	1514	1538	67
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1461	1480	1472	68
HMT MACHINE TOOLS LTD.	1426	1651	1902	69
GOA SHIPYARD LTD.	1413	1390	1605	70
HEAVY ENGINEERING CORPN. LTD.	1388	1456	1550	71
MECON LTD.	1315	1384	1466	72
BRIDGE & ROOF CO.(INDIA) LTD.	1244	1312	1366	73
AIR INDIA EXPRESS LTD.	1241	1055	771	74
BRITISH INDIA CORPORATION LTD.	1209	1209	1345	75
HINDUSTAN SHIPYARD LTD.	1178	1352	1548	76
M M T C LTD.	1127	1225	1342	77
BALMER LAWRIE & CO. LTD.	1127	1188	1248	78
MINERAL EXPLORATION CORPN. LTD.	1115	1215	1249	79
INDIA TOURISM DEV. CORPN. LTD.	1023	1232	1403	80
HINDUSTAN ANTIBIOTICS LTD.	972	997	1025	81
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	929	929	929	82
WAPCOS LTD.	923	870	810	83
HIL (INDIA) LTD.	895	992	1115	84
KIOCL LTD.	888	922	938	85
HOUSING & URBAN DEV. CORPN. LTD.	869	875	863	86
NUMALIGARH REFINERY LTD.	860	870	878	87
MISHRA DHATU NIGAM LTD.	849	756	772	88
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	838	854	889	89
NATIONAL SMALL INDUSTRIES CORPN. LTD.	814	830	903	90

CPSE	No. of Employees (excluding casual labour)			Rank
	2017-18	2016-17	2015-16	2017-18
FERRO SCRAP NIGAM LTD.	801	839	890	91
COTTON CORPN. OF INDIA LTD.	788	839	925	92
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	771	857	972	93
INDIA TRADE PROMOTION ORGANISATION	744	792	843	94
HOTEL CORPN. OF INDIA LTD.	740	1067	925	95
HPCL BIOFUELS LTD.	736	744	394	96
SHIPPING CORPORATION OF INDIA LTD.	729	775	796	97
THE BISRA STONE LIME COMPANY LTD.	724	724	766	98
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	717	731	712	99
INSTRUMENTATION LTD.	712	712	849	100
NEPA LTD.	705	588	811	101
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	682	831	758	102
CEMENT CORPN. OF INDIA LTD.	640	668	750	103
MADRAS FERTILIZERS LTD.	632	684	723	104
BRAHAMPUTRA CRACKERS & POLYMER LTD.	618	592	579	105
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	610	645	711	106
E. C. G. C. LTD.	610	603	644	107
AIRLINE ALLIED SERVICES LTD.	602	533	454	108
STATE TRADING CORPN. OF INDIA LTD.	591	671	692	109
NHDC LTD.	546	547	556	110
RAIL VIKAS NIGAM LTD.	540	502	446	111
RAILTEL CORPORATION INDIA LTD.	537	553	535	112
RURAL ELECTRIFICATION CORPN. LTD.	528	566	600	113
BURN STANDARD COMPANY LTD.	525	525	610	114
POWER FINANCE CORPORATION LTD.	498	496	467	115
BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	480	417	397	116
POWER SYSTEM OPERATION CORPORATION LTD.	479	456	451	117
ONGC MANGALORE PETROCHEMICALS LTD.	474	457	465	118
HINDUSTAN ORGANIC CHEMICALS LTD.	470	868	957	119
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	450	450	514	120
HINDUSTAN NEWSPRINT LTD.	450	495	563	121
DREDGING CORPN. OF INDIA LTD.	427	508	523	122
CENTRAL ELECTRONICS LTD.	419	454	488	123
PAWAN HANS LTD.	418	449	446	124
BHARAT PUMPS & COMPRESSORS LTD.	391	391	523	125
ENGINEERING PROJECTS (INDIA) LTD.	359	369	397	126
PROJECTS & DEVELOPMENT INDIA LTD.	352	370	386	127
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	350	483	350	128
M S T C LTD.	325	309	324	129
MUMBAI RAILWAY VIKAS CORPORATION LTD.	288	234	217	130
THE JUTE CORPN. OF INDIA LTD.	278	362	709	131
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	267	277	285	132
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	266	300	301	133
BRAITHWAITE & CO. LTD.	259	280	322	134
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	248	320	370	135
NLC TAMIL NADU POWER LTD.	246	233	232	136

CPSE	No. of Employees (excluding casual labour)			Rank
	2017-18	2016-17	2015-16	2017-18
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	242	239	250	137
KANTI BIJLEE UTPADAN NIGAM LTD.	230	192	187	138
HINDUSTAN PREFAB LTD.	223	247	234	139
BHARTIYA RAIL BIJLEE CO. LTD.	222	173	135	140
HLL BIOTECH LTD.	202	157	71	141
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	202	208	215	142
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	185	186	194	143
SAIL REFRACTORY COMPANY LTD.	184	204	207	144
HSCC (INDIA) LTD.	184	176	160	145
NAGALAND PULP & PAPER COMPANY LTD.	181	181	181	146
SCOOTERS INDIA LTD.	177	260	398	147
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	170	170	217	148
BHEL ELECTRICAL MACHINES LTD.	168	174	178	149
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	160	160	160	150
HLL INFRA TECH SERVICES LTD.	157	142	506	151
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	150	152	137	152
HMT WATCHES LTD.	145	146	640	153
HINDUSTAN FLUOROCARBONS LIMITED	140	155	141	154
BEL OPTRONICS DEVICES LTD.	137	127	130	155
NAINI AEROSPACE LTD.	136	125	0	156
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	129	129	131	157
BHARAT BROADBAND NETWORK LTD.	128	118	107	158
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	113	112	112	159
IDPL (TAMILNADU) LTD.	112	112	124	160
EdCIL(India) Ltd.	111	96	79	161
P E C LTD.	110	130	150	162
SAMBHAR SALTS LTD.	110	110	107	163
HMT LTD.	101	268	1218	164
KAMARAJAR PORT LTD.	98	103	101	165
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	95	105	114	166
VIGNYAN INDUSTRIES LTD.	95	86	95	167
INDIA INFRASTRUCTURE FINANCE CO. LTD.	86	93	88	168
PATRATU VIDYUT UTPADAN NIGAM LTD.	86	84	30	169
NATIONAL FILM DEV. CORPN. LTD.	81	92	96	170
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	78	76	78	171
HINDUSTAN SALTS LTD.	76	72	77	172
ANTRIX CORPORATION LTD.	75	80	75	173
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	0	167	174
NEYVELI UTTAR PRADESH POWER LTD	71	45	18	175
SOLAR ENERGY CORPORATION OF INDIA	70	71	62	176
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	69	71	72	177
BROADCAST ENGG. CONSULTANTS INDIA LTD.	66	59	58	178
SJVN THERMAL PVT. LTD.	66	71	62	179
NATIONAL RESEARCH DEVELOPMENT CORPN.	62	70	75	180

CPSE	No. of Employees (excluding casual labour)			Rank
	2017-18	2016-17	2015-16	2017-18
BHARAT WAGON & ENGG. CO. LTD.	60	600	661	181
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	58	49	53	182
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	56	64	67	183
IRCON INFRASTRUCTURE & SERVICES LTD.	56	12	14	184
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	52	54	54	185
NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	50	50	50	186
HOOGLY DOCK AND PORT ENGINEERS LTD.	45	45	45	187
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	45	46	47	188
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	44	46	50	189
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	43	39	41	190
HOOGLY PRINTING COMPANY LTD.	43	49	47	191
PETRONET CCK LTD.	43	43	41	192
ORISSA DRUGS & CHEMICALS LTD.	40	40	61	193
REC POWER DISTRIBUTION CO. LTD.	40	31	0	194
NTPC VIDYUT VYAPAR NIGAM LTD.	39	43	46	195
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	36	36	33	196
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	32	37	38	197
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	30	33	33	198
TCIL BINA TOLL ROAD LTD.	30	32	0	199
INDIAN DRUGS & PHARMACEUTICALS LTD.	28	42	66	200
HMT (INTERNATIONAL) LTD.	27	28	32	201
DONYI POLO ASHOK HOTEL LTD.	26	26	26	202
HINDUSTAN STEELWORKS COSTN. LTD.	25	37	59	203
KOLKATA METRO RAIL CORPORATION LTD.	25	9	38	204
INDIAN RAILWAY FINANCE CORPORATION LTD.	24	18	18	205
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	23	23	20	206
NBCC ENGINEERING AND CONSULTANCY LTD.	21	24	24	207
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	21	33	30	208
PRIZE PETROLEUM COMPANY LTD.	18	20	22	209
HLL MOTHER & CHILD CARE HOSPITALS LTD.	17	0	0	210
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	16	16	0	211
IIFCL PROJECTS LTD.	16	15	13	212
PONDICHERRY ASHOK HOTEL CORPN. LTD.	15	16	19	213
BEL-THALES SYSTEMS LTD.	13	12	8	214
STCL LTD.	11	13	13	215
RICHARDSON & CRUDDAS(1972) LTD.	11	11	16	216
CHHATTISGARH EAST-WEST RAILWAYS LTD.	10	10	0	217
CHHATTISGARH EAST RAILWAYS LTD.	10	10	9	218
BUNDELKHAND SAUR URJA LTD.	8	11	6	219
SETHUSAMUDRAM CORPN. LTD.	8	0	1	220
IIFCL ASSET MANAGEMENT COMPANY LTD.	6	6	6	221
TAMIL NADU TRADE PROMOTION ORGANISATION	5	6	5	222
J & K MINERAL DEVELOPMENT CORPN. LTD.	5	6	6	223

CPSE	No. of Employees (excluding casual labour)			Rank
	2017-18	2016-17	2015-16	2017-18
HLL MEDIPARK LTD	5	2	0	224
MAHANADI BASIN POWER LTD.	4	8	10	225
FRESH & HEALTHY ENTERPRISES LTD.	4	23	24	226
FERTILIZER CORPN. OF INDIA LTD.	4	6	9	227
KUMARAKRUPPA FRONTIER HOTELS LTD.	3	3	3	228
CHANDIGARH INTERNATIONAL AIRPORT LTD.	2	0	0	229
EASTERN INVESTMENT LTD.	2	2	2	230
AGRINNOVATE INDIA LTD.	2	2	5	231
MJSJ COAL LTD.	2	3	0	232
BHARAT PETRO RESOURCES LTD.	2	2	50	233
NMDC-CMDC LTD.	2	2	2	234
MNH SHAKTI LTD.	1	2	2	235
KARNATAKA TRADE PROMOTION ORGANISATION	1	1	2	236
HINDUSTAN FERTILIZER CORPN. LTD.	1	4	4	237
INDIAN VACCINE CORP. LTD.	1	2	2	238

STATEMENT - 15
RANKING OF CPSEs IN TERMS OF GROSS BLOCK IN 2017-18

(₹ in Lakhs)

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
BHARAT SANCHAR NIGAM LTD.	25105645	10628592	24730884	10770700	24411527	10888388	1
NTPC LTD.	21892113	12105221	19248691	9935572	16404850	9177325	2
POWER GRID CORPORATION OF INDIA LTD.	20740737	15361035	18561431	13550796	16513197	11494230	3
OIL & NATURAL GAS CORPORATION LTD.	19612245	11962841	14371436	10480705	14255721	9427908	4
INDIAN OIL CORPORATION LTD.	14603490	11392732	12944650	10787949	11706268	9134697	5
STEEL AUTHORITY OF INDIA LTD.	11391342	5861072	10783970	5028461	10268092	4592507	6
ONGC VIDESH LTD.	10868362	6085526	10637802	6215867	10720796	5036307	7
NUCLEAR POWER CORPN. OF INDIA LTD.	6229547	3116553	5455467	3186566	4833839	2245814	8
BHARAT PETROLEUM CORPN. LTD.	5352595	4297763	4676013	3143691	3770021	2320778	9
HINDUSTAN PETROLEUM CORPN. LTD.	4967646	3797171	4297513	3613188	3758806	3310757	10
NHPC LTD.	4300434	1998982	4109731	2097272	3925081	2129941	11
GAIL (INDIA) LTD.	3838968	2878978	3465180	2850618	3288420	2846695	12
RASHTRIYA ISPAT NIGAM LTD.	3233437	1678264	3070442	1292809	2826415	1195515	13
AIR INDIA LTD.	2961155	2650574	3000423	2822976	4047168	2845222	14
MAHANAGAR TELEPHONE NIGAM LTD.	2812424	801442	2474384	858501	2735564	943865	15
AIRPORTS AUTHORITY OF INDIA	2498940	775790	2388109	767977	2228184	758169	16
NLC INDIA LTD.	1974406	1057411	1597550	962504	1274859	965423	17
MANGALORE REFINERY & PETROCHEMICALS LTD.	1674262	1403091	1576888	1416098	1577986	1488112	18
THDC INDIA LTD.	1661326	732801	1551050	780687	1399041	752460	19
OIL INDIA LTD.	1637803	1195989	1444170	1013083	1097677	817800	20
NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1627214	347514	1476922	353589	1317882	315562	21
SHIPPING CORPORATION OF INDIA LTD.	1599398	1134800	1597294	1141068	1585131	1182721	22
NMDC Ltd.	1588843	267170	1423762	195281	1189386	191845	23
DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	1479529	1397	889674	1527	571234	1636	24
HINDUSTAN AERONAUTICS LTD.	1156560	756603	1031305	734952	1434990	692526	25
SJVN LTD.	1000983	764070	978264	797990	1359908	841234	26
SOUTH EASTERN COALFIELDS LTD.	981632	556494	786280	528893	633329	488043	27
NATIONAL ALUMINIUM COMPANY LTD.	941739	713946	861487	714443	770872	659568	28
BRAHAMPUTRA CRACKERS & POLYMER LTD.	864797	782715	858904	816128	874039	800077	29
CHENNAI PETROLEUM CORPORATION LTD.	826628	591353	722552	388283	1017310	411947	30
MAHANADI COALFIELDLS LTD.	793271	453424	660351	394569	478381	353911	31
BHARTIYA RAIL BIJLEE CO. LTD.	761095	380009	689456	250499	588259	47804	32
NLC TAMIL NADU POWER LTD.	703507	595808	687559	620448	688499	652021	33
NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	673803	260	365031	326	158128	218	34
ONGC MANGALORE PETROCHEMICALS LTD.	671965	580152	668977	608096	679772	648910	35
WESTERN COALFIELDS LTD.	605501	381184	501803	355113	396984	334289	36
BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	602461	20470	569110	21554	535639	20231	37
NORTHERN COALFIELDS LTD.	585717	337741	529071	296669	428969	300918	38
BHARAT HEAVY ELECTRICALS LTD.	582890	306884	554082	359588	521389	396248	39
CENTRAL COALFIELDS LTD.	545344	268724	457541	266715	345171	274837	40
CONTAINER CORPORATION OF INDIA LTD.	540425	364839	457472	336982	366059	279999	41
NATIONAL FERTILIZERS LTD.	499075	407953	465333	405853	456312	425860	42
KONKAN RAILWAY CORPORATION LTD.	480789	309680	452707	304357	441162	301037	43
KANTI BIJLEE UTPADAN NIGAM LTD.	463615	386965	446975	266925	396238	67786	44

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
EASTERN COALFIELDS LTD.	448644	323270	357538	273974	745384	197599	45
BHARAT COKING COAL LTD.	412008	135682	314681	151696	269892	168403	46
KOLKATA METRO RAIL CORPORATION LTD.	396714	5699	239719	4645	186481	4660	47
NUMALIGARH REFINERY LTD.	345376	245012	304636	211955	260600	209207	48
AIR INDIA EXPRESS LTD.	339301	295367	329432	303972	491518	317791	49
DREDGING CORPN. OF INDIA LTD.	330967	181662	320360	180752	205931	192763	50
BHARAT ELECTRONICS LTD.	305250	160698	227316	125519	157646	97647	51
KAMARAJAR PORT LTD.	289818	230174	264848	167328	210949	161757	52
URANIUM CORPORATION OF INDIA LTD.	283184	210597	277926	231211	300789	69546	53
I T I LTD.	277614	258408	259825	247868	382957	245844	54
RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	248121	190490	192902	153873	180441	150742	55
POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	245596	2149	49595	919	3625	0	56
FOOD CORPN. OF INDIA	233997	88124	219458	83842	201917	73265	57
BHARAT BROADBAND NETWORK LTD.	224878	2	181349	1	120894	3177	58
CENTRAL WAREHOUSING CORPN.	202327	139083	186391	136112	176652	130110	59
RAILTEL CORPORATION INDIA LTD.	200731	68799	189071	69390	169271	71053	60
NHDC LTD.	200359	117606	152036	124880	191059	130910	61
POWER GRID WARORA TRANSMISSION LTD.	200331	26942	77952	3335	2957	0	62
SECURITY PRINTING & MINTING CORPN. INDIA LTD.	167714	129686	157211	131682	152277	129834	63
POWER GRID PARLI TRANSMISSION LTD.	166272	414	51042	414	2409	0	64
NEYVELI UTTAR PRADESH POWER LTD	148006	23313	22127	16727	15886	15266	65
POWERGRID VIZAG TRANSMISSION LTD.	131120	120121	132356	127112	110513	14971	66
GAIL GAS LTD.	122818	72523	88331	53385	69060	36349	67
POWERGRID NM TRANSMISSION LTD.	120433	74555	109233	78687	73893	2	68
BHARAT DYNAMICS LTD.	117847	86837	100554	75713	87257	69288	69
POWER GRID JABALPUR TRANSMISSION LTD.	116826	4	22803	1	2110	0	70
BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	113389	31052	114209	33243	114225	34985	71
NATIONAL TEXTILE CORPN. LTD.	113100	79075	117833	87049	116868	99295	72
PATRATU VIDYUT UTPADAN NIGAM LTD.	107739	81642	13201	154	460	0	73
GOA SHIPYARD LTD.	105999	64429	94144	65651	81106	40116	74
PAWAN HANS LTD.	105692	80592	102546	86563	94024	81718	75
HINDUSTAN COPPER LTD.	105231	33199	66152	35425	59535	17811	76
MOIL LTD.	104896	34777	85071	32619	75228	31090	77
CHHATTISGARH EAST RAILWAYS LTD.	103231	90	74095	149	25525	140	78
HINDUSTAN PAPER CORPORATION LTD.	97614	17070	97614	17070	97614	17070	79
CHANDIGARH INTERNATIONAL AIRPORT LTD.	94604	86687	0	0	0	0	80
MAZAGON DOCK SHIPBUILDERS LTD.	84873	64637	71591	54625	80729	36776	81
BEML LTD.	82400	58286	76236	57086	70177	54446	82
CEMENT CORPN. OF INDIA LTD.	77833	10418	79158	11449	77894	11919	83
HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	71578	4293	71578	4293	71577	7433	84
INDIAN RARE EARTHS LTD.	71261	23835	67410	22534	64635	24434	85
SETHUSAMUDRAM CORPN. LTD.	70862	4	71034	4	70942	5	86
IRCON SHIVPURI GUNA TOLLWAY LTD.	68254	1	30069	1	656	0	87
KARNATAKA VIJAY NAGAR STEEL LTD.	63961	63961	0	0	0	0	88
STATE TRADING CORPN. OF INDIA LTD.	62635	60199	62931	61722	102343	94530	89
FERTILIZER CORPN. OF INDIA LTD.	61199	5559	61304	5742	68282	6282	90
HPCL BIOFUELS LTD.	58779	50163	58335	52841	58138	55402	91

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
COCHIN SHIPYARD LTD.	56859	34899	49435	37061	68635	37022	92
HINDUSTAN NEWSPRINT LTD.	56695	23258	57584	23973	53986	21377	93
BURN STANDARD COMPANY LTD.	54311	46901	54311	46901	54302	47116	94
CHHATTISGARH EAST-WEST RAILWAYS LTD.	50979	88	27270	131	0	0	95
HLL BIOTECH LTD.	50927	29248	40897	231	26266	214	96
SJVN THERMAL PVT. LTD.	49615	36917	47003	36844	44062	36172	97
HLL LIFECARE LTD.	49312	35785	43590	25461	36520	24238	98
BALMER LAWRIE & CO. LTD.	48993	40007	46681	40275	62565	39325	99
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	48836	38917	43582	35834	39378	34370	100
COAL INDIA LTD.	48740	30119	36886	30644	36229	31782	101
IRCON INTERNATIONAL LTD.	47996	13441	52091	13829	56785	14650	102
AIR INDIA ENGINEERING SERVICES LTD.	46896	36895	46896	36895	27007	23257	103
MISHRA DHATU NIGAM LTD.	46075	34444	36532	32737	28373	26296	104
HINDUSTAN CABLES LTD.	45742	2817	45742	2817	47690	3274	105
BHARAT PETRO RESOURCES LTD.	43073	6249	34793	7209	23813	149	106
HEAVY ENGINEERING CORPN. LTD.	39947	6656	39167	7088	39380	7368	107
BEL OPTRONICS DEVICES LTD.	38791	22704	36824	24501	27463	25486	108
INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	37789	31397	35722	31750	7611	2935	109
AIR INDIA AIR TRANSPORT SERVICES LTD.	36658	17625	36658	17625	30992	13633	110
BITES LTD.	35842	26268	32953	26084	43049	26232	111
HINDUSTAN SHIPYARD LTD.	35654	13079	22580	5412	24919	6067	112
FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	35243	29462	34636	29671	149320	26973	113
HINDUSTAN ORGANIC CHEMICALS LTD.	35015	10240	201629	163655	65256	10073	114
ENGINEERS INDIA LTD.	34557	22632	33292	23284	28812	24003	115
INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	34428	16221	35445	17040	32488	16498	116
ORISSA INTEGRATED POWER LTD.	33512	3	29094	4	25371	5	117
NATIONAL SEEDS CORPN. LTD.	32988	19377	30839	18650	28055	17778	118
HMT MACHINE TOOLS LTD.	32984	4324	34825	5102	35497	6016	119
POWERGRID KALA AMB TRANSMISSION LTD.	31593	30426	21152	300	1125	299	120
INDIA TRADE PROMOTION ORGANISATION	31188	2115	4764	3781	5436	4332	121
RAIL VIKAS NIGAM LTD.	30622	24886	5229	758	4241	597	122
NATIONAL SMALL INDUSTRIES CORPN. LTD.	29687	10848	25727	7746	22003	7128	123
HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	29377	28129	29373	28336	1877	889	124
E. C. G. C. LTD.	29279	11815	29257	11770	25200	11809	125
RURAL ELECTRIFICATION CORPN. LTD.	28968	12823	21978	12111	18818	11874	126
HPCL RAJASTHAN REFINERY LTD.	28307	19838	2834	0	2769	0	127
IRCON PB TOLLWAY LTD.	27759	0	22379	1	4589	0	128
NEPA LTD.	27478	1833	25455	2013	15572	1571	129
KIOCL LTD.	26170	20222	27036	22105	26483	23823	130
PUNJAB LOGISTIC INFRASTRUCTURE LTD.	25359	22300	23641	12687	15422	11698	131
ELECTRONICS CORPN. OF INDIA LTD.	25320	15508	20490	12345	17838	12825	132
CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	24578	14723	21262	13392	17260	10026	133
MADRAS FERTILIZERS LTD.	22886	16040	22480	18194	97736	17989	134
HINDUSTAN ANTIBIOTICS LTD.	22628	4724	22564	5080	22535	5061	135
CENTRAL RAILSIDE WAREHOUSE CO. LTD.	21834	15365	21237	16357	20559	16910	136
ANDREW YULE & COMPANY LTD.	21682	8227	18790	7821	26940	18341	137

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	21213	9435	15625	7732	8737	2242	138
INDIA INFRASTRUCTURE FINANCE CO. LTD.	20970	281	15530	202	9803	306	139
HOUSING & URBAN DEV. CORPN. LTD.	20851	7025	20402	7209	19759	7262	140
COASTAL TAMIL NADU POWER LTD.	19913	8359	18172	8360	8145	3	141
TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	19719	8574	20520	10120	20521	10994	142
BENGAL CHEMICALS & PHARMACEUTICALS LTD.	18765	10287	18613	10252	18219	9736	143
MEDINIPUR-JEERAT TRANSMISSION LTD.	18486	1372	1920	0	26	0	144
JHARKHAND CENTRAL RAILWAY LTD.	18429	0	0	0	0	0	145
HIL (INDIA) LTD.	18375	4663	17165	4301	16451	4392	146
POWER SYSTEM OPERATION CORPORATION LTD.	18353	9164	17151	9684	17963	8251	147
HINDUSTAN FERTILIZER CORPN. LTD.	17995	1107	34698	1954	34697	1963	148
NMDC-CMDC LTD.	17733	17615	7358	1	6749	1	149
MECON LTD.	17353	7597	17057	8171	17860	9028	150
INDIAN DRUGS & PHARMACEUTICALS LTD.	16838	1087	16572	1167	16032	1253	151
ORISSA MINERAL DEVELOPMENT COMPANY LTD.	15984	4389	15994	5671	6323	6157	152
RAILWAY ENERGY MANAGEMENT COMPANY LTD.	15336	13826	15330	14435	15328	15046	153
VISAKHAPATANAM PORT LOGISTICS PARK LTD.	13522	895	0	0	0	0	154
LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	13420	109	11840	107	10536	101	155
AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	13393	11786	0	0	0	0	156
HMT LTD.	13025	1437	13030	1645	14320	2225	157
NAGALAND PULP & PAPER COMPANY LTD.	12295	382	12295	382	12295	382	158
TCIL BINA TOLL ROAD LTD.	12072	11299	12071	11519	12071	11719	159
POWER FINANCE CORPORATION LTD.	11849	6483	11546	6257	11406	6391	160
KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	11550	7527	8957	5062	6827	1564	161
IRCON INFRASTRUCTURE & SERVICES LTD.	11259	9645	11225	10045	11010	10392	162
HINDUSTAN FLUOROCARBONS LIMITED	11121	5170	11089	5283	8085	2425	163
MINERAL EXPLORATION CORPN. LTD.	10949	7184	7625	5248	11108	5179	164
BHARAT PUMPS & COMPRESSORS LTD.	10493	4237	10493	4237	10468	4683	165
FERRO SCRAP NIGAM LTD.	10020	6476	8330	6073	7128	5739	166
SIDCUL CONCOR INFRA COMPANY LTD.	9216	7968	8844	8290	8178	4165	167
TCIL LAKHNADONE TOLL ROAD LTD.	9161	8990	8855	8136	7695	0	168
INSTRUMENTATION LTD.	8899	2012	8899	2012	8901	2109	169
CENTRAL ELECTRONICS LTD.	8253	3072	7622	3330	7648	3727	170
MJSJ COAL LTD.	7830	3827	7551	3915	7967	4004	171
FRESH & HEALTHY ENTERPRISES LTD.	7757	3487	5137	4090	8061	4646	172
SCOOTERS INDIA LTD.	7581	1884	6212	1100	6178	1113	173
ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7395	2387	4611	2124	4086	1222	174
POWERGRID UNCHAHAHAR TRANSMISSION LTD.	7292	6715	7263	7072	4252	0	175
SOLAR ENERGY CORPORATION OF INDIA	7181	6271	6264	5860	6279	6171	176
PROJECTS & DEVELOPMENT INDIA LTD.	6955	1499	6891	1629	6909	1728	177
NBCC (INDIA) LTD.	6938	6184	6832	6328	6422	6178	178
BRAITHWAITE & CO. LTD.	6784	2057	6893	2045	6848	2134	179
PETRONET CCK LTD.	6639	5362	6639	6599	6444	5754	180
M M T C LTD.	6520	4814	6448	5236	6303	5668	181
INDIA TOURISM DEV. CORPN. LTD.	6420	4939	6737	4905	16539	4226	182
HINDUSTAN STEELWORKS COSTN. LTD.	6403	5896	6116	5846	11980	6206	183

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
BRIDGE & ROOF CO.(INDIA) LTD.	6122	4852	4417	4003	25943	4188	184
NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	6115	4000	5664	3658	3786	708	185
IDPL (TAMILNADU) LTD.	5970	5949	5970	5949	5994	5971	186
MUMBAI RAILWAY VIKAS CORPORATION LTD.	5585	3906	5535	4089	5458	4213	187
NATIONAL JUTE MANUFACTURES CORPORATION LTD.	5543	1121	5543	1121	5580	1201	188
INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5312	3468	5306	3787	5043	1343	189
TAMIL NADU TRADE PROMOTION ORGANISATION	4849	3838	4863	4158	4577	4173	190
RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	4531	1951	4317	2068	3488	2084	191
CONCOR AIR LTD.	4504	3328	4365	3739	3777	271	192
BRITISH INDIA CORPORATION LTD.	4473	479	4473	479	4151	627	193
HOTEL CORPN. OF INDIA LTD.	4320	3758	3218	2984	8832	3072	194
SAMBHAR SALTS LTD.	3700	1293	3576	1470	3381	1533	195
MAHANADI COAL RAILWAY LTD.	3362	9	0	0	0	0	196
KARNATAKA TRADE PROMOTION ORGANISATION	3164	2622	3114	2674	2554	2477	197
RICHARDSON & CRUDDAS(1972) LTD.	2868	665	2868	665	2714	516	198
J & K MINERAL DEVELOPMENT CORPN. LTD.	2848	241	2740	283	2750	306	199
WAPCOS LTD.	2832	1981	2240	1837	3324	1730	200
BROADCAST ENGG. CONSULTANTS INDIA LTD.	2718	1298	2476	1257	2275	1288	201
MNH SHAKTI LTD.	2630	2139	2815	2218	5124	2301	202
ENGINEERING PROJECTS (INDIA) LTD.	2618	960	2539	994	2427	941	203
POWER GRID MITHILANCHAL TRANSMISSION LTD.	2567	0	0	0	0	0	204
CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2508	1084	2454	1147	2578	1297	205
SAIL REFRACTORY COMPANY LTD.	2487	1386	2476	1480	2517	1689	206
BHARAT WAGON & ENGG. CO. LTD.	2329	440	2329	440	2325	523	207
RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2292	1387	2292	1387	2292	1387	208
COTTON CORPN. OF INDIA LTD.	2186	1775	2125	1903	9164	4928	209
BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	2144	572	1975	531	1927	584	210
MAHANADI BASIN POWER LTD.	2014	7	1927	1927	1538	9	211
NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1939	1452	1857	1452	1578	1169	212
NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1891	1641	1689	1556	151	24	213
ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	1788	286	1788	286	1788	286	214
ANTRIX CORPORATION LTD.	1762	1388	1689	1451	1547	1432	215
INDIAN RAILWAY FINANCE CORPORATION LTD.	1759	1130	1748	1152	1740	1176	216
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	1735	843	1687	835	1633	857	217
PRIZE PETROLEUM COMPANY LTD.	1734	884	1734	1564	1736	1581	218
HINDUSTAN SALTS LTD.	1717	716	1584	513	1376	311	219
NATIONAL FILM DEV. CORPN. LTD.	1687	571	1641	690	1542	719	220
JAGDISHPUR PAPER MILLS LTD.	1650	0	1650	0	1650	0	221
WR-NR POWER TRANSMISSION LTD	1525	0	0	0	0	0	222
DEOGHAR MEGA POWER LTD.	1475	0	1067	0	868	1	223
HSCC (INDIA) LTD.	1470	701	1397	700	1282	635	224
M S T C LTD.	1449	399	776	500	582	426	225
BEL-THALES SYSTEMS LTD.	1274	494	372	75	53	48	226
GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1175	512	1049	415	988	386	227
EdCIL(India) Ltd.	1110	483	1080	497	1074	462	228
BHEL ELECTRICAL MACHINES LTD.	1096	437	1096	531	1092	623	229

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
INDIAN VACCINE CORP. LTD.	1087	551	1087	587	1050	586	230
NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1010	506	1006	535	1001	574	231
NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	979	174	979	174	979	174	232
COASTAL MAHARASHTRA MEGA POWER LTD.	970	0	802	0	802	0	233
VIGNYAN INDUSTRIES LTD.	950	696	909	765	1694	790	234
NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	931	485	913	503	894	516	235
BUNDELKHAND SAUR URJA LTD.	928	579	189	5	100	1	236
HMT (INTERNATIONAL) LTD.	839	485	839	500	834	508	237
BIHAR MEGA POWER LTD.	810	0	476	0	95	0	238
AIRLINE ALLIED SERVICES LTD.	774	774	496	423	434	49	239
HOOGHLY DOCK AND PORT ENGINEERS LTD.	767	115	1999	209	1999	219	240
NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	713	328	658	301	654	326	241
SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	694	0	575	0	575	0	242
INDIAN CATALYST PVT. LTD.	647	612	647	612	647	612	243
HOOGHLY PRINTING COMPANY LTD.	637	226	633	230	643	241	244
P E C LTD.	622	21	617	41	649	53	245
THE BISRA STONE LIME COMPANY LTD.	619	114	632	136	160	160	246
BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	616	495	616	536	4541	550	247
ORISSA DRUGS & CHEMICALS LTD.	607	383	607	383	590	398	248
HOOGLY COCHIN SHIPYARD LTD.	602	0	0	0	0	0	249
HINDUSTAN PREFAB LTD.	595	309	824	269	786	273	250
GHOGARPALLI INTEGRATED POWER COMPANY LTD.	595	0	543	0	494	0	251
REC POWER DISTRIBUTION CO. LTD.	587	305	496	327	217	115	252
COASTAL KARNATAKA POWER LTD.	568	0	440	0	440	0	253
PFC CONSULTING LTD.	541	269	511	349	152	48	254
RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	539	520	88	66	279	71	255
STCL LTD.	458	312	459	381	1058	459	256
NAINI AEROSPACE LTD.	424	15	7	0	0	0	257
PONDICHERRY ASHOK HOTEL CORPN. LTD.	408	170	193	175	374	173	258
THE JUTE CORPN. OF INDIA LTD.	400	234	392	235	377	229	259
NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	334	82	311	71	288	50	260
BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	321	102	318	140	306	177	261
PUNJAB ASHOK HOTEL COMPANY LTD.	304	0	292	0	291	0	262
NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	285	116	271	122	239	115	263
CERTIFICATION ENGINEERS INTERNATIONAL LTD.	272	217	260	222	249	230	264
BIRDS JUTE & EXPORTS LTD.	269	13	269	13	268	13	265
NATIONAL RESEARCH DEVELOPMENT CORPN.	243	51	234	50	226	50	266
BPCL-KIAL FUEL PVT. LTD.	180	3	180	2	180	2	267
GHATAMPUR TRANSMISSION LTD.	125	0	125	0	0	0	268
NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	125	45	112	37	104	42	269
CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	122	8	122	8	2214	233	270
DINGCHANG TRANSMISSION LTD.	112	0	88	0	52	0	271
UTKAL ASHOK HOTEL CORPN. LTD.	95	90	289	92	288	94	272
KUMARAKRUPPA FRONTIER HOTELS LTD.	92	92	93	93	95	95	273
DONYI POLO ASHOK HOTEL LTD.	80	65	80	71	192	79	274

CPSE	Gross Block	Net Block	Gross Block	Net Block	Gross Block	Net Block	Rank on Gross Block
	2017-18		2016-17		2015-16		2017-18
HLL INFRA TECH SERVICES LTD.	64	32	35	26	0	0	275
JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	61	14	62	20	0	0	276
REC TRANSMISSION PROJECTS CO. LTD.	61	36	28	16	14	9	277
NTPC VIDYUT VYAPAR NIGAM LTD.	57	10	34	14	38	22	278
AGRINNOVATE INDIA LTD.	40	40	114	50	68	68	279
IIFCL PROJECTS LTD.	30	5	30	8	26	11	280
DEOGHAR INFRA LTD.	25	0	15	0	0	0	281
ODISHA INFRAPOWER LTD.	24	0	20	0	16	0	282
IIFCL ASSET MANAGEMENT COMPANY LTD.	12	2	11	2	10	3	283
HLL MEDIPARK LTD	10	3	1	1	0	0	284
EASTERN INVESTMENT LTD.	9	5	10	5	9	4	285
HMT WATCHES LTD.	9	5	9	5	9	6	286
NBCC SERVICES LTD.	7	5	5	4	2	2	287
CHEYUR INFRA LTD.	7	0	4	0	2	0	288
NBCC ENGINEERING AND CONSULTANCY LTD.	5	3	1	1	0	0	289
BIHAR INFRAPOWER LTD.	4	0	2	0	0	0	290
JHARKHAND INFRAPOWER LTD.	4	0	1	0	1	0	291
PFC GREEN ENERGY LTD.	3	0	5	1	6	1	292
RAILTEL ENTERPRISES LTD.	1	1	0	0	0	0	293
MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	48	0	294
SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0	0	7	0	295
TANDA TRANSMISSION COMPANY LTD.	0	0	158	0	140	0	296
BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0	0	70	0	297
HMT BEARINGS LTD.	0	0	0	0	84	84	298
TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	2033	293	299
MILLENNIUM TELECOM LTD.	0	0	0	0	38	1	300
CHHATTISHGARH SURGUJA POWER LTD.	0	0	6	1	5696	1	301
PFC CAPITAL ADVISORY SERVICE LTD.	0	0	2	0	3	0	302
HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	0	0	15	7	303
BITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	614	574	304

STATEMENT - 16
CAPACITY UTILISATION IN MANUFACTURING CPSEs

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	Product					
	COAL					
	BHARAT COKING COAL LTD.					
1	RAW COAL	46.05	MT	32.607 (70.81)	37.04 (71.25)	35.86 (90.94)
2	WASHED COAL (COKING)	5.31	MT	0.801 (15.08)	1.182 (24.63)	0.60 (23.33)
3	WASHED POWER COAL	NA	MT	0.709	1.128	1.713
	CENTRAL COALFIELDS LTD.					
4	COAL	81.09	MTE	63.41 (78.20)	67.05 (103.10)	61.32 (115.71)
	COAL INDIA LTD.					
5	COAL	582792.33	METRIC TONNE	781000 (134.01)	600000 (52.17)	486000 (42.26)
	EASTERN COALFIELDS LTD.					
6	COAL	56.76	MILL TE	43.57 (76.76)	40.52 (76.56)	40.21 (93.81)
	MAHANADI COALFIELDLS LTD.					
7	COAL	1745.91	LAKH TONNE	1430.60 (81.94)	1392.10 (80.30)	1379.01 (91.93)
	NORTHERN COALFIELDS LTD.					
8	COAL	94.5	MILLION TONNES	93.02 (98.43)	84.1 (89.04)	80.22 (71.75)
	SOUTH EASTERN COALFIELDS LTD.					
9	COAL PRODUCTION	164.44	MILLION TONNES	144.71 (88)	140.00 (96)	137.93 (94)
	WESTERN COALFIELDS LTD.					
10	COAL	57.99	MILLION TONNES	46.220 (79.71)	45.632 (83.94)	44.815 (96.20)
	CRUDE OIL					
	BHARAT PETRO RESOURCES LTD.					
11	CRUDE OIL	NA	METRIC TONE	33486 (0)	18562 (0)	0 (0)
	OIL & NATURAL GAS CORPORATION LTD.					
12	BUTANE	NA	MT	134814	31053	
13	CRUDE OIL	NA	MT	25434914	25534311	25927483
14	ETHANE	NA	MT	263639	137175	
15	ETHANE PROPANE	NA	MT	355723	420585	374701

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
Product						
16	HSD	NA	MT	26873	30126	33481
17	LPG	NA	MT	1186654	1354700	1195162
18	LSHS	NA	MT	134814	31053	
19	NAPHTHA	NA	MT	1176294	1101231	1042624
20	NATURAL GAS	NA	TM3	24609502	23269961	22529541
21	PROPANE	NA	MT	228656	90511	28796
OIL INDIA LTD.						
22	CRUDE OIL	NA	MMT	3.393 (0)	3.277 (0)	3.247 (0)
23	LPG	NA	000 T	34.11 (0)	34.580 (0)	41.03 (0)
24	NATURAL GAS	NA	MMSCM	2905 (0)	2937 (0)	2838 (0)
ONGC VIDESH LTD.						
25	CRUDE OIL AND CONDENSATE	NA	MMT	9.353 (0)	8.434 (0)	5.510 (0)
26	NATURAL GAS	NA	BCM	4.811 (0)	4.369 (0)	3.406 (0)
OTHER MINERALS & METALS						
FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.						
27	GYPSUM	1224825.65	MT	326661 (26.67)	581981 (47.51)	634097 (54.66)
HINDUSTAN COPPER LTD.						
28	CATHODE	68286.84	MT	25949 (38)	16450 (24)	17026 (92)
29	COPPER WIRE ROD	59959.46	MT	22185 (37)	17005 (28)	21252 (35)
INDIAN RARE EARTHS LTD.						
30	ILMENITE	511391.49	TONS	240354 (47)	269966 (53)	242075 (47)
31	RUTILE	22150	TONS	9746 (44)	10641 (48)	9788 (44)
32	ZIRCON	32293.55	TONS	10011 (31)	11709 (36)	10785 (33)
J & K MINERAL DEVELOPMENT CORPN. LTD.						
33	DEAD BURNT MAGNESITE	NA	LT	0 (0)	0 (0)	0 (0)
KIOCL LTD.						
34	IRON ORE PELLETS	3.53	MILLION TONS	2.327 (66)	1.460 (42)	0.100 (3)

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
Product						
35	PIG IRON	NA	LAKH TONNES	0 (0)	0 (0)	0 (0)
MOIL LTD.						
36	MANGANESE ORE	1201113	MT	1201113 (100)	1004845 (98)	1032275 (94)
NATIONAL ALUMINIUM COMPANY LTD.						
37	ALUMINA HYDRATE	2100039.9	MT	2105500 (100.26)	2100100 (100.00)	1953000 (85.85)
38	ALUMINIUM CAST METAL	460016.22	MT	425515 (92.5)	387422 (84.22)	372183 (80.91)
NMDC LTD.						
39	DIAMOND	101010.26	CARAT	39394 (39)	35636 (36)	35558 (36)
40	IRON ORE	39.1	MT	35.58 (91)	34.01 (92)	28.74 (78)
41	SPONGE IRON	NA	T	0 (0)	5474 (9)	6614 (11)
URANIUM CORPORATION OF INDIA LTD.						
42	TRIURANIUM OCTOXIDE	NA	MT			
STEEL						
FERRO SCRAP NIGAM LTD.						
43	HANDLING RECOVERY AND PROCESSING OF SCRAP	11.9	LAKH MT	11.59 (97.39)	11.64 (98.81)	11.46 (97.28)
MISHRA DHATU NIGAM LTD.						
44	SUPER ALLOYS, TI AND TI ALLOYS, SPECIAL STEELS	6132.88	MT	4477 (73)	6150 (73)	5205 (73)
RASHTRIYA ISPAT NIGAM LTD.						
45	BAR PRODUCTS FROM LMMM & SBM	1018667.5	TONNES	1222401 (120)	990216 (117)	832845 (117)
46	PIG IRON	546573.68	TONNES	103849 (19)	150177 (27)	116453 (21)
47	SALEABLE STEEL	5556111.11	TONNES	4500450 (81)	3847172 (77)	3513292 (73)
48	STRUCTURAL PRODUCTS FROM MMSM & STM	1096187.5	TONNES	1140035 (104)	828625 (89)	795402 (94)
49	WIRE RODS FROM WRM-1 & WRM-2	1449389.52	TONNES	1521859 (105)	1395281 (96)	1133435 (78)
STEEL AUTHORITY OF INDIA LTD.						
50	SALEABLE STEEL	17.85	MILLION TONNES	14.1 (79)	13.90 (92)	12.38 (82)
PETROLEUM (REFINERY & MARKETING)						
BHARAT PETROLEUM CORPN. LTD.						
51	AVIATION TURBINE FUEL	NA	TMT			

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	Product					
52	BENZENE	192919.4	MT	73483 (38.09)	93470 (48.46)	95222 (49.36)
53	BITUMEN	NA	TMT			
54	CRUDE OIL	NA	TMT			
55	FUEL REFINERY	24.4	MMT	26.89 (110.20)	24.01 (104.61)	24.12 (112.19)
56	FURNACE OIL	NA	TMT			
57	HSD	NA	TMT			
58	LDO	NA	TMT			
59	LPG	NA	TMT			
60	LUBRICANTS	249393.15	MT	323837 (129.85)	292180 (116.90)	295509 (118.95)
61	MOTOR SPIRIT	NA	TMT			
62	NAPHTHA	NA	TMT			
63	OTHERS	NA	TMT			
64	SUPERIOR KEROSENE	NA	TMT			
65	TOLUENE	73112.55	MT	16889 (23.10)	22628 (30.96)	18264 (24.98)
CHENNAI PETROLEUM CORPORATION LTD.						
66	ATF	779.78	TMT	794.6 (101.9)	694.2 (89)	643 (82.4)
67	FO	1465.95	TMT	1093.6 (74.6)	1233.1 (84.2)	1015.8 (69.3)
68	GASOLINE	949.66	TMT	1107.3 (116.6)	1105.2 (116.3)	954.9 (100.5)
69	HSD	4526.18	TMT	4598.6 (101.6)	4182.8 (92.4)	3878.3 (85.7)
70	LPG	400.12	TMT	332.5 (83.1)	306.3 (76.6)	301.3 (75.3)
71	NAPHTHA	949.81	TMT	755.1 (79.5)	718.9 (75.7)	787.3 (82.9)
72	SKO	449.53	TMT	191.5 (42.6)	339.8 (75.5)	321.8 (71.5)
HINDUSTAN PETROLEUM CORPN. LTD.						
73	PETROLEUM	15755.17	TMT	18276 (116)	17814 (113)	17232 (116)
INDIAN OIL CORPORATION LTD.						
74	PETROLEUM/ PETROCHEMICAL	69.2	MMT	69.001	65.191	56.694

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
				(99.71)	(94.21)	(102.21)
	MANGALORE REFINERY & PETROCHEMICALS LTD.					
75	PETROLEUM PRODUCTS	15	MMT	16.31 (108.76)	16.27 (108.47)	15.69 (104.61)
	NUMALIGARH REFINERY LTD.					
76	LPG, NAPHTHA, MS, ATF, SKO, HSD, SULPHUR,WAX	2999.47	TMTPA	2809 (93.65)	2683 (89.44)	2520 (84.01)
	FERTILIZERS					
	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.					
77	UREA	508652.83	MT	269586 (53)	310605 (61)	322645 (63)
	FERTILIZER CORPN. OF INDIA LTD.					
78	NIL	NA	NA	0 (0)	0 (0)	0 (0)
	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.					
79	AMMONIUM SULPHATE	225222.5	MT	180178 (80)	152953 (68)	79567 (35)
80	CAPROLACTAM	NA	MT	0 (0)	770 (1.54)	0 (0)
81	FACTAMFOS	638967.62	MT	670916 (105)	640321 (101)	527445 (83)
	HINDUSTAN FERTILIZER CORPN. LTD.					
82	0	NA	MT	0 (0)	0 (0)	0 (0)
	MADRAS FERTILIZERS LTD.					
83	BIO FERTILIZERS	400	MT	83 (20.75)	111 (27.75)	277 (69.25)
84	NPK	840460.08	MT	62110 (7.39)	48895 (5.82)	74272 (8.84)
85	UREA	486751.1	MT	418898 (86.06)	468438 (96.24)	407311 (83.68)
	NATIONAL FERTILIZERS LTD.					
86	BIO-FERTILIZERS	660.02	MT	503 (76.21)	522 (79.09)	567 (85.91)
87	UREA	35.67	LMT	38.10 (106.8)	38.10 (106.8)	37.99 (106.5)
	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.					
88	CONCENTRATED NITRIC ACID	33009.43	MT	17495 (53)	22084 (67)	23664 (72)
89	SUPHALA 15 15 15	419517.54	MT	478250 (114)	465307 (111)	461385 (110)
90	UREA THAL	1982019.23	MT	2061300 (104)	2144000 (108)	2096800 (106)
91	UREA TROMBAY	328776.12	MT	440560 (134)	407590 (124)	449540 (136)

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	CHEMICALS & PHARMACEUTICALS					
	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.					
92	ORAL POLIO VACCINE	583.33	MILLION DOSES	70 (12)	168 (28)	252 (42)
	BRAHAMPUTRA CRACKERS & POLYMER LTD.					
93	LLDPE/HDPE/PP	270892.06	MT	212569 (78.47)	99541 (36.74)	3349 (4.94)
	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.					
94	CAPSULES	1899.95	NOS	388.54 (20.45)	669.65 (35.24)	248.80 (13.09)
95	SYRUP	17.99	LTRS	2.35 (13.06)	5.80 (32.22)	8.87 (49.28)
96	TABLETS	2399.99	NOS	1760.63 (73.36)	2224.99 (92.71)	1728.15 (72.01)
97	VIALS	150	NOS	62.91 (41.94)	128.84 (85.89)	68.02 (45.35)
	HIL (INDIA) LTD.					
98	DDT	NA	MT	2781		
	HINDUSTAN ANTIBIOTICS LTD.					
99	FORMULATION	31200	NO. IN LACS	3744 (12)	1136 (4)	1445 (5)
	HINDUSTAN FLUOROCARBONS LIMITED					
100	PTFE	500	M.T.	30 (6)	41 (8)	41 (8)
	HINDUSTAN ORGANIC CHEMICALS LTD.					
101	ACETONE	24672.09	MT	10609 (43)	4722 (20)	9682 (11)
102	H2O2 (HYDROGEN PEROXIDE)	10474.42	MT	9008 (86)	9682 (93)	8803 (84)
103	PHENOL	39979.07	MT	17191 (43)	7810 (20)	4271 (11)
	HLL BIOTECH LTD.					
104	PENTAHIL & HIVAC-B	NA	ML			
105	PENTAHIL & HIVAC-B	278.57	ML	36000 (12923)		
106	PENTAHIL & HIVAC-B	278.57	ML	36000 (12923)	0 (0)	0 (0)
	INDIAN DRUGS & PHARMACEUTICALS LTD.					
107	PHARMACEUTICALS PRODUCTS	20718.75	MILLION NOS	3315 (16)	7691 (27)	8663 (29)
	INDIAN VACCINE CORP. LTD.					
108	COMPANY IS NOT IN OPERATION	NA	NIL	0 (0)	0 (0)	0 (0)

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.					
109	AS PER ANNEXURE VII	NA	NOS IN LAKHS			
	ONGC MANGALORE PETROCHEMICALS LTD.					
110	PARAXYLENE BENZENE PARAFFINICRAFFINATE HYDROGEN	1273.86	KT	1121 (88)	1272 (82)	1089 (71)
	HEAVY & MEDIUM ENGINEERING BALMER LAWRIE & CO. LTD.					
111	BARRELS AND DRUMS	50.83	NOS LAKHS	45.75 (90)	44.41 (87)	42.07 (83)
112	GREASES AND LUBRICANTS	0.69	MT LAKHS	0.35 (51)	0.36 (52)	0.36 (52)
113	LEATHER CHEMICALS	4626	MT	6939 (150)	6611 (143)	6014 (198)
	BEL OPTRONICS DEVICES LTD.					
114	IMAGE INTENSIFIER TUBE	NA	NOS			
	BEL-THALES SYSTEMS LTD.					
115	SELECT DEFENCE AND CIVILIAN RADARS	4	NUMBERS	4 (100)	2 (100)	0 (0)
	BHARAT DYNAMICS LTD.					
116	EXEMPTED FROM DISCLOSURE	NA	NIL			
	BHARAT ELECTRONICS LTD.					
117	NA	NA	NA	0 (0)	0 (0)	0 (0)
118	NA	NA	NA			
	BHARAT HEAVY ELECTRICALS LTD.					
119	BOILER	831664.44	MT	374249 (45)	333375 (40)	321080 (39)
120	ELECTRICAL MACHINES	2259.26	NOS	610 (27)	733 (33)	909 (40)
121	POWER TRANSFORMERS	45053.25	MVA	34691 (77)	33756 (75)	31125 (69)
122	TRACTION MACHINES	3185.07	NOS	2134 (67)	1542 (48)	1651 (52)
123	TURBINES GENERATORS REF HARD COPY	20227.59	MW	5866 (29)	8098 (40)	5953 (22)
	BHEL ELECTRICAL MACHINES LTD.					
124	ROTATING ELECTRICAL MACHINES	168750	KVA	37125 (22)	70020 (42)	116895 (69)
	BRAITHWAITE & CO. LTD.					
125	BOGIE	1799.96	NOS	970 (53.89)	1210 (67.22)	1078 (59.89)
126	REPAIRING OF WAGON	NA	NOS	919	915	1269

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
Product						
127	STRUCTURAL	NA	MT	0	72	2490
128	WAGON	1199.91	NOS	530 (44.17)	777 (64.75)	526 (43.83)
CENTRAL ELECTRONICS LTD.						
129	AXLE COUNTER (HASSDAC & EQUIVALENTS)	599.85	NOS	790 (131.70)	770 (128.33)	657 (109.50)
130	PHASE SHIFTER	35992.24	NOS	60287 (167.50)	45430 (126.20)	36041 (100.10)
131	SOLAR PV MODULE	27893.62	MW	5244 (18.80)	14672 (52.40)	10023 (40.09)
COCHIN SHIPYARD LTD.						
132	SHIP BUILDING	150000	DWT	150000 (100)	151814 (101)	151747 (101)
133	SHIP REPAIR	NA	RS LAKHS			
ELECTRONICS CORPN. OF INDIA LTD.						
134	NA	NA	LAKHS	146968 (0)	139453 (0)	140457 (0)
GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.						
135	DECK MACHINERY	706.67	NO SET	106 (15)	561 (36)	3065 (58)
136	DIESEL ENGINE	3980	NO SET	597 (15)	376 (4)	1885 (2)
137	GENERAL ENGG.	5897.26	MT	4305 (73)	4848 (120)	3957 (273)
138	SHIP BUILDING	5107.27	TON	2809 (55)	906 (28)	1765 (87)
139	SHIP REPAIR	NA	TON			
140	TRADED GOODS AND SPARES PART	NA	NA			
GOA SHIPYARD LTD.						
141	SHIPBUILDING, SHIP REPAIR & GENERAL ENGINEERING SE	0.99	SSU	1.05 (105.99)	1.19 (119.87)	1.22 (123.16)
HEAVY ENGINEERING CORPN. LTD.						
142	24/96 DRAGLINE	1000	TONS	0.1 (0.01)	16 (0.82)	188 (9.59)
143	5 CUM ROPE SHOVEL	4080.12	TONS	275 (6.74)	356 (8.74)	274 (6.72)
144	EOT CRANE	6938.35	TONS	664 (9.57)	2935 (42.25)	3851 (55.49)
145	FORGING & FORGED ROLLS	9827.38	TONS	1651 (16.80)	884 (8.99)	1321 (13.44)
146	MACHINE TOOLS & ACCESSORIES	1333.85	TONS	25.61 (1.92)	204 (15.28)	126 (9.44)
147	MEDIUM & HEAVY STEEL CASTING	16383.29	TONS	1137	1189	1702

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
				(6.94)	(7.26)	(10.39)
148	MINING SPARE	2001.24	TONS	644	645	496
				(32.18)	(32.25)	(24.80)
149	STEEL PLANT ITEMS/ EQUIPMENT	1999.37	TONS	1265	349	437
				(63.27)	(17.45)	(21.85)
	HINDUSTAN AERONAUTICS LTD.					
150	NIL	NA	NIL			
	HINDUSTAN SHIPYARD LTD.					
151	SHIPS / SHIP REPAIRS/ RETROFIT OF SUBMARINES	3473260.87	COMPENSATED GROSS TONNAGE	15977	19083	16475
				(0.46)	(0.55)	(0.48)
	HMT BEARINGS LTD.					
152	BEARINGS	NA	NO	0	0	0
				(0)	(0)	(0)
	HMT CHINAR WATCHES LTD.					
153	WRIST WATCHES	NA	NO	00	0	0
				(0)	(0)	(0)
	HMT LTD.					
154	FOOD PROCESSING MACHINES	295.59	NUMBERS	201	437	210
				(68)	(102)	(71)
	HMT MACHINE TOOLS LTD.					
155	MANUFACTURING OF MACHINE TOOLS	530	NOS	318	463	480
				(60)	(60)	(60)
	HMT WATCHES LTD.					
156	WRIST WATCHES	NA	NO	0	0	0
				(0)	(0)	(0)
	I T I LTD.					
157	CABLE ASSEMBLY	74984.04	NOS	70485	60000	7200
				(94)	(80)	(10)
158	OLT	2381.54	NOS	1548	3	0
				(65)	(1)	(0)
159	ONT	59467.27	NOS	32707	7635	0
				(55)	(51)	(0)
160	SMPS	4530.3	NOS	1495	1273	1693
				(33)	(28)	(38)
161	SPACE ELECTRONIC FABRICATION	2538.71	PACKAGES	2361	1362	1360
				(93)	(55)	(54)
	MAZAGON DOCK SHIPBUILDERS LTD.					
162	WARSHIPS & SUBMARINES	1425	TONS	1482	1431	955
				(104)	(102)	(68)
	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.					
163	ELECTRONIC MILK ANALYSER	3501.32	NOS	10609	10127	9537
				(303)	(225)	(212)
164	SPV	18847.46	KWP	11120	9350	7350
				(59)	(49)	(39)

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	Product					
	SAIL REFRACTORY COMPANY LTD.					
165	CALCINED PRODUCTS	NA	MT	0 (0)	4730 (43)	4631 (42)
166	FIRED BRICKS	15246.34	MT	12502 (82)	11832 (77)	11227 (73)
167	MAG CARBON BRICKS	4308.06	MT	8013 (186)	6045 (140)	4772 (111)
	SCOOTERS INDIA LTD.					
168	VIKRAM 3 WHEELER	29983.63	NOS	3664 (12.22)	6650 (52.32)	8176 (65.40)
	VIGNYAN INDUSTRIES LTD.					
169	STEEL CASTINGS	4164	MT	2605 (62.56)	2455 (58.96)	2204 (52.93)
	TRANSPORATATION VEHICLE & EQUIPMENT					
	BEML LTD.					
170	BEML TATRA TRUCKS	NA	QUANTITY	160	363	211
171	DEF.AGGREGATES & OTHERS	NA	QUANTITY	310	453	419
172	EM EQUIPMENT	NA	QUANTITY	702	649	620
173	RAILWAY PRODUCTS	NA	QUANTITY	279	207	286
	INDUSTRIAL AND CONSUMER GOODS					
	ANDREW YULE & COMPANY LTD.					
174	TEA	111.96	LAC/KG	103 (92)	102 (91)	116 (104)
	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA					
175	CRUTCHES	62399.83	NOS	72259 (115.80)	80779 (129.45)	62991 (100.95)
176	HEARING AIDS	85202.6	NOS	108710 (127.59)	121367 (142.45)	48544 (56.98)
177	TRICYCLE	77999.49	NOS	91938 (117.87)	92970 (119.19)	80490 (103.19)
178	WHEEL CHAIRS	30000	NOS	46044 (153.48)	48905 (163.02)	41309 (137.70)
	CEMENT CORPN. OF INDIA LTD.					
179	CEMENT	3899922.32	MT	753075 (19.31)	790531 (20.28)	912870 (23.42)
	HINDUSTAN NEWSPRINT LTD.					
180	NEWSPRINT	99992.58	MT	67385 (67.39)	91831 (91.83)	100501 (100.50)
	HINDUSTAN SALTS LTD.					
181	BROMINE,	899.92	MT	330 (36.67)	329 (36.55)	264 (29.33)
182	COMMON SALT	NA	MT	12374 (0)	2414 (0)	7988 (0)
183	MGCL	7500	MT	3600 (48.00)	2059 (27.45)	0 (0)

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	Product					
	HLL LIFECARE LTD.					
184	BLOOD BAGS	12.53	MPCS	7.39 (59)	9.26 (74)	11.80 (94)
185	CONDOMS	1884.2	MPCS	1846.52 (98)	1846.63 (98)	1795.00 (95)
186	COPPER T	5.53	MPCS	2.38 (43)	3.70 (67)	5.95 (108)
187	PREGNANCY TEST CARDS	26.15	MPCS	12.55 (48)	12.55 (48)	8.55 (33)
188	STEROIDAL OCP	97.29	MILLION CYCLES	43.78 (45)	34.91 (35)	44.32 (45)
189	SUTURES	5.95	LDOZ	1.31 (22)	2.03 (34)	1.91 (32)
	HOOGLY PRINTING COMPANY LTD.					
190	PRINTING ON PAPER AND BOARD	1840	METRIC TON	1748 (95)	2003 (88)	2493 (80)
	NEPA LTD.					
191	NEWS PRINT	NA	MT	0 (0)	4493 (5)	21825 (25)
	SAMBHAR SALTS LTD.					
192	COMMON SALT	NA	MT	265313	262458	205973
193	PROCESS SALT	90013.38	MT	13457 (14.95)	19065 (21.18)	22021 (24.47)
	SECURITY PRINTING & MINTING CORPN. INDIA LTD.					
194	BANK NOTES	6879.85	MPCS	9219 (134)	8785 (127)	7150 (104)
195	CIRCULATION COINS	7365.93	MPCS	6703 (91)	9681 (132)	9254 (126)
196	NON-JUDICIAL STAMP PAPER	319.81	MPCS	259.05 (81)	258.99 (81)	289 (90)
197	PASSPORTS & ALLIED BOOKLETS	12.48	MPCS	11.61 (93)	15.577 (125)	15.277 (122)
	TEXTILES					
	NATIONAL TEXTILE CORPN. LTD.					
198	YARN AND CLOTH	602.45	KGS AND MTRS	527.81 (87.61)	521.95 (84.81)	518.54 (86.67)
	POWER GENERATION					
	BHARTIYA RAIL BIJLEE CO. LTD.					
199	ELECTRICITY GENERATION	NA	MEGAWATT			
	KANTI BIJLEE UTPADAN NIGAM LTD.					
200	ELECTRICTY	4918.41	MILLION UNIT	1728.82 (35.15)	769.88 (38.63)	778.96 (40.31)

S.No.	Cognate Group / CPSE	Capacity	Unit	Production (% Utilisation of Capacity)		
				2017-18	2016-17	2015-16
	Product					
201	GENERATION OF ELECTRICITY	4918.41	MILLION UNITS	1728.82 (35.15)	769.88 (38.63)	778.96 (40.31)
	NHDC LTD.					
202	GENERATION OF ELECTRICITY	1466.96	2	1325.25 (90.34)	4748.5 (93.55)	2932.89 (93.04)
203	GENERATION OF ELECTRICITY	1466.96	MW	1325.25 (90.34)	4748.5 (93.55)	2932.89 (93.04)
	NHPC LTD.					
204	ELECTRICITY	27029.41	MU	22975 (85)	23275 (83)	23683 (82)
	NLC INDIA LTD.					
205	LIGNITE	30.41	MT	25.15 (82.70)	27.61 (90.25)	25.45 (83.18)
206	POWER	30053.62	MU	20740 (69.01)	21033 (73.73)	19182 (76.03)
	NLC TAMIL NADU POWER LTD.					
207	POWER GENERATION	8760.31	MILLION UNITS	5412.996 (61.79)	6252.743 (71.38)	3655.412 (41.61)
	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.					
208	ELECTRICITY	6835.16	MILLION UNITS	6166 (90.21)	5472 (83.1)	5220 (82.51)
	NTPC LTD.					
209	ELECTRICITY GENERATION	341.2	BILLION UNIT BU	265.798 (77.9)	250.314 (78.59)	241.977 (78.61)
	NUCLEAR POWER CORPN. OF INDIA LTD.					
210	ELECTRICITY	54765.71	MUS	38336 (70)	40001 (80)	37456 (75)
	PATRATU VIDYUT UTPADAN NIGAM LTD.					
211	POWER PLANT UNDER CONSTRUCTION	NA	MU	0 (0)	385.9208 (40.04)	(0)
	SJVN LTD.					
212	POWER GENERATION	9342.66	MU	9281 (99.34)	9045 (104.33)	9346 (103.64)
213	POWER GENERATION	9342.66	MU	9281 (99.34)	9045 (104.33)	9346.12 (103.64)
	THDC INDIA LTD.					
214	ELECTRICITY	NA	MU	4540	4371	4348
215	ELECTRICITY	5973.68	MU	4540 (76)	4371 (79)	4348 (78)

NOTE : FIGURE APPEARING AS "ZERO" AND "NA" RELATE TO THE INFORMATION IS NOT AVAILABLE

STATEMENT - 17
EXPENDITURE ON RESEARCH AND DEVELOPMENT IN CPSES

(₹ in Lakhs)

S. No.	CPSE	R&D as % of Sales					
		2017-18	2016-17	2015-16	2017-18	2016-17	2015-16
1	AIRPORTS AUTHORITY OF INDIA	0.65	6.42	9.31	0.01	0.05	0.09
2	ANDREW YULE & COMPANY LTD.	1.51	0.43	0	0	0.11	0
3	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	0.71	1.14	1.2	0.33	0.48	0.63
4	BALMER LAWRIE & CO. LTD.	6.29	5.29	5.35	0	0.31	0.34
5	BEL OPTRONICS DEVICES LTD.	0.14	0.29	0.29	0	0.29	0.29
6	BEML LTD.	93.05	76.11	66.63	0	3.05	2.24
7	BHARAT COKING COAL LTD.	0	0.13	0.59	0	0	0.01
8	BHARAT DYNAMICS LTD.	33.51	31.16	29.43	0	0.69	0.78
9	BHARAT ELECTRONICS LTD.	938.51	750.7	704.27	0	8.72	9.61
10	BHARAT HEAVY ELECTRICALS LTD.	752.64	793.62	893.07	0	2.8	3.48
11	BHARAT PETROLEUM CORPN. LTD.	83.19	49.48	59.7	0	0.02	0.03
12	BHARAT SANCHAR NIGAM LTD.	78.96	0	79.47	0	0	0.28
13	BRAHAMPUTRA CRACKERS & POLYMER LTD.	0.01	0	0	0	0	0
14	BRIDGE & ROOF CO.(INDIA) LTD.	0.1	0.1	0.09	0	0.01	0.01
15	CENTRAL COALFIELDS LTD.	0.38	0.22	0.95	0	0	0.01
16	CENTRAL WAREHOUSING CORPN.	0.28	0.07	0.38	0.02	0	0.02
17	CHENNAI PETROLEUM CORPORATION LTD.	11.51	6.89	6.97	0	0.02	0.02
18	COAL INDIA LTD.	70.74	24.04	0	0	8.29	0
19	CONTAINER CORPORATION OF INDIA LTD.	2.79	3.07	0.07	0	0.05	0
20	EASTERN COALFIELDS LTD.	0	0.14	0	0	0	0
21	ENGINEERS INDIA LTD.	13.23	12.67	16.92	0	0.87	1.12
22	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	0	0	0.21	0	0	0.33
23	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1.14	1.09	1.45	0	0.06	0.08
24	GAIL (INDIA) LTD.	28.84	16.76	73.46	0	0.03	0.14
25	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	11.19	13.19	15.2	0	1.43	0.92
26	GOA SHIPYARD LTD.	8.83	8.31	8.09	0	0.79	1.06
27	HEAVY ENGINEERING CORPN. LTD.	0.94	0.63	0	0.23	0.16	0
28	HIL (INDIA) LTD.	0.14	0.18	0.28	0.03	0.05	0.09
29	HINDUSTAN AERONAUTICS LTD.	1611.86	1284	0	0	7.15	0
30	HINDUSTAN ANTIBIOTICS LTD.	1.4	1.42	0.64	4.49	16.06	4.94
31	HINDUSTAN CABLES LTD.	4.24	4.24	0.53	0	0	0
32	HINDUSTAN COPPER LTD.	1.58	2.34	5.46	0	0.21	0.56
33	HINDUSTAN NEWSPRINT LTD.	0.46	0.41	0.44	0	0.12	0.13
34	HINDUSTAN PETROLEUM CORPN. LTD.	232.78	276.54	180.32	0	0.15	0.1
35	HINDUSTAN SALTS LTD.	0.04	0	0	0.58	0	0
36	HLL LIFECARE LTD.	5.11	6.34	6.97	0	0.61	0.67
37	HMT LTD.	0	6.51	2.4	0	64.2	34.58
38	HOUSING & URBAN DEV. CORPN. LTD.	1.04	1.53	2.64	0.03	0.04	0.08
37	I T I LTD.	15.1	16.3	16.38	0	1.07	1.38
40	INDIAN OIL CORPORATION LTD.	230.86	217.53	235.86	0	0.06	0.07
41	INDIAN RARE EARTHS LTD.	2.1	1.93	1.81	0	0.42	0.5
42	INSTRUMENTATION LTD.	0.08	0.08	0.15	0.12	0.12	0.14
43	KAMARAJAR PORT LTD.	1.3	0.33	1.27	0	0.05	0.21
44	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	1.27	0.79	0.37	0.36	0.21	0.12
45	MAHANADI COALFIELDLS LTD.	0	0.86	2.07	0	0.01	0.02

S. No.	CPSE	R&D as % of Sales					
		2017-18	2016-17	2015-16	2017-18	2016-17	2015-16
46	MANGALORE REFINERY & PETROCHEMICALS LTD.	1.99	5.35	0.55	0	0.01	0
47	MAZAGON DOCK SHIPBUILDERS LTD.	75.11	77.09	63.83	0	2.18	1.55
48	MECON LTD.	0.71	0.77	1.1	0	0.22	0.34
49	MINERAL EXPLORATION CORPN. LTD.	0.6	0.37	0	0	0.11	0
50	MISHRA DHATU NIGAM LTD.	10.45	11	4.58	0	1.42	0.64
51	MOIL LTD.	0	4.68	7.33	0	0.48	1.17
52	NATIONAL ALUMINIUM COMPANY LTD.	27.95	47.52	15.75	0	0.63	0.23
53	NATIONAL FERTILIZERS LTD.	0.25	0	0	0	0	0
54	NATIONAL SEEDS CORPN. LTD.	0	0	0.01	0	0	0
55	NBCC (INDIA) LTD.	0	0	2.41	0	0	0.04
56	NEPA LTD.	0	0	1.22	0	0	1.71
57	NHDC LTD.	0	0	0.02	0	0	0
58	NHPC LTD.	0	4.91	5.04	0	0.07	0.07
59	NLC INDIA LTD.	2.25	13.35	13.82	0	0.15	0.21
60	NMDC Ltd.	26.53	20.3	17.64	0	0.23	0.27
61	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	0	0.56	1.11	0	0.04	0.07
62	NORTHERN COALFIELDS LTD.	0.79	0.64	1.83	0	0.01	0.02
63	NTPC LTD.	184.98	162.28	129.68	0	0.21	0.18
64	NUCLEAR POWER CORPN. OF INDIA LTD.	13.06	10.29	7.46	0	0.1	0.08
65	OIL & NATURAL GAS CORPORATION LTD.	586.23	591.86	539.74	0	0.76	0.69
66	OIL INDIA LTD.	64.32	63.42	46.76	0	0.67	0.48
67	POWER GRID CORPORATION OF INDIA LTD.	0	2.63	5.4	0	0.01	0.03
68	POWER SYSTEM OPERATION CORPORATION LTD.	1.48	0	0.21	0	0	0.13
69	PROJECTS & DEVELOPMENT INDIA LTD.	0	0	0.35	0	0	0.55
70	RAILTEL CORPORATION INDIA LTD.	2	0	0	0	0	0
71	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2.36	2.66	2.25	0	1.16	1.06
72	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	2.94	3.16	3.88	0	0.04	0.05
73	RASHTRIYA ISPAT NIGAM LTD.	20.06	23.53	21.74	0	0.21	0.24
74	rites LTD.	0	0	0.12	0	0	0.01
75	SAMBHAR SALTS LTD.	0	0	0.06	0	0	0.31
76	SCOOTERS INDIA LTD.	0.2	0.23	0	0	0.24	0
77	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	1.3	0.79	0.79	0	0.01	0.02
78	SJVN LTD.	0	0.64	2.76	0	0.03	0.11
79	SOUTH EASTERN COALFIELDS LTD.	0.8	1.53	2.33	0	0.01	0.01
80	STATE TRADING CORPN. OF INDIA LTD.	0	0	0.5	0	0	0
81	STEEL AUTHORITY OF INDIA LTD.	335.5	339.43	277	0	0.76	0.71
82	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	0	0	0.05	0	0	0
83	THDC INDIA LTD.	0	4.34	3.45	0	0.21	0.14
84	URANIUM CORPORATION OF INDIA LTD.	1.81	0	0	0	0	0
85	VIGNYAN INDUSTRIES LTD.	0	0.01	0	0	0.03	0
86	WESTERN COALFIELDS LTD.	0.13	0.36	0	0	0.01	0
	TOTAL :	5612.3	5016.98	3611.46	6.18	128.78	76.18

STATEMENT - 18
COMPONENT OF INTERNAL RESOURCES OF CPSEs GENERATED DURING 2017-18

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
AGRO BASED INDUSTRIES						
1	NATIONAL SEEDS CORPN. LTD.	1852	0	717	140	2709
SUB TOTAL :		1852	0	717	140	2709
COAL						
2	CENTRAL COALFIELDS LTD.	35572	0	15032	-24709	25895
3	NORTHERN COALFIELDS LTD.	41626	0	57898	-10745	88779
4	SOUTH EASTERN COALFIELDS LTD.	71649	40	-28072	-27922	15695
SUB TOTAL :		148847	40	44858	-63376	130369
CRUDE OIL						
5	OIL & NATURAL GAS CORPORATION LTD.	1485236	-38219	1102902	281409	2831328
6	OIL INDIA LTD.	127001	20941	96078	39348	283368
7	ONGC VIDESH LTD.	483936	0	98184	-67018	515102
SUB TOTAL :		2096173	-17278	1297164	253739	3629798
OTHER MINERALS & METALS						
8	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	21	0	1274	292	1587
9	HINDUSTAN COPPER LTD.	16465	0	6233	-419	22279
10	INDIAN RARE EARTHS LTD.	3250	0	4119	2326	9695
11	J & K MINERAL DEVELOPMENT CORPN. LTD.	42	0	141	0	183
12	KIOCL LTD.	1865	0	6086	87	8038
13	MOIL LTD.	6245	0	20619	-373	26491
14	NATIONAL ALUMINIUM COMPANY LTD.	48040	0	29902	-9676	68266
15	NMDC Ltd.	25604	0	178765	6766	211135
16	URANIUM CORPORATION OF INDIA LTD.	21963	0	5627	-1208	26382
SUB TOTAL :		123495	0	252766	-2205	374056
STEEL						
17	FERRO SCRAP NIGAM LTD.	1094	0	-60	-36	998
18	MISHRA DHATU NIGAM LTD.	1964	0	8566	820	11350
19	STEEL AUTHORITY OF INDIA LTD.	306492	0	-30418	-31296	244778
SUB TOTAL :		309550	0	-21912	-30512	257126
PETROLEUM (REFINERY & MARKETING)						
20	BHARAT PETROLEUM CORPN. LTD.	264848	0	434164	143467	842479
21	CHENNAI PETROLEUM CORPORATION LTD.	34020	433	53655	17865	105973
22	HINDUSTAN PETROLEUM CORPN. LTD.	275275	0	356322	41956	673553
23	INDIAN OIL CORPORATION LTD.	706701	0	994599	394171	2095471
24	MANGALORE REFINERY & PETROCHEMICALS LTD.	67132	0	95849	42772	205753
25	NUMALIGARH REFINERY LTD.	18360	0	-13341	4341	9360
SUB TOTAL :		1366336	433	1921248	644572	3932589
FERTILIZERS						
26	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	3631	0	79	-132	3578
27	FERTILIZER CORPN. OF INDIA LTD.	12	0	11395	0	11407
28	HINDUSTAN FERTILIZER CORPN. LTD.	9	0	2217	1	2227
29	NATIONAL FERTILIZERS LTD.	7330	0	16076	4164	27570
30	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	13704	0	576	-406	13874
SUB TOTAL :		24686	0	30343	3627	58656
CHEMICALS & PHARMACEUTICALS						
31	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	512	0	1006	0	1518

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
32	BRAHAMPUTRA CRACKERS & POLYMER LTD.	38783	0	-8039	-5130	25614
33	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	59	0	114	7	180
34	HIL (INDIA) LTD.	560	0	341	0	901
35	HINDUSTAN ANTIBIOTICS LTD.	369	0	20832	0	21201
36	HINDUSTAN FLUOROCARBONS LIMITED	148	0	-77	0	71
37	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	497	0	766	21	1284
38	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	477	0	1163	152	1792
39	ORISSA DRUGS & CHEMICALS LTD.	23	0	78	0	101
SUB TOTAL :		41428	0	16184	-4950	52662
HEAVY & MEDIUM ENGINEERING						
40	BALMER LAWRIE & CO. LTD.	2656	1071	8832	1538	14097
41	BEL OPTRONICS DEVICES LTD.	2054	0	982	-16	3020
42	BHARAT DYNAMICS LTD.	6348	0	30884	-5111	32121
43	BHARAT ELECTRONICS LTD.	25100	0	64387	10245	99732
44	BHARAT HEAVY ELECTRICALS LTD.	78640	0	22331	19972	120943
45	BRAITHWAITE & CO. LTD.	166	0	260	0	426
46	CENTRAL ELECTRONICS LTD.	412	0	2171	-1294	1289
47	COCHIN SHIPYARD LTD.	3751	0	27445	-1601	29595
48	ELECTRONICS CORPN. OF INDIA LTD.	2713	0	3913	1768	8394
49	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2896	0	2926	-439	5383
50	GOA SHIPYARD LTD.	4261	0	9825	-729	13357
51	HEAVY ENGINEERING CORPN. LTD.	743	0	44600	0	45343
52	HINDUSTAN AERONAUTICS LTD.	94697	2152	77552	1766	176167
53	HINDUSTAN CABLES LTD.	76	0	234846	0	234922
54	HINDUSTAN SHIPYARD LTD.	476	0	2099	0	2575
55	HMT CHINAR WATCHES LTD.	0	0	2	0	2
56	HOOGHLY DOCK AND PORT ENGINEERS LTD.	8	0	971	0	979
57	I T I LTD.	2486	0	23056	0	25542
58	MAZAGON DOCK SHIPBUILDERS LTD.	5021	0	9054	-4559	9516
59	RICHARDSON & CRUDDAS(1972) LTD.	78	0	1494	0	1572
60	SAIL REFRACTORY COMPANY LTD.	105	0	661	59	825
61	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	40533	0	40533
62	VIGNYAN INDUSTRIES LTD.	106	0	39	-5	140
SUB TOTAL :		232793	3223	608863	21594	866473
TRANSPORATATION VEHICLE & EQUIPMENT						
63	BEML LTD.	6424	0	8934	-2710	12648
SUB TOTAL :		6424	0	8934	-2710	12648
INDUSTRIAL AND CONSUMER GOODS						
64	ANDREW YULE & COMPANY LTD.	656	0	1123	587	2366
65	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	202	0	5079	0	5281
66	CEMENT CORPN. OF INDIA LTD.	603	0	1799	0	2402
67	HINDUSTAN SALTS LTD.	71	0	184	0	255
68	NEPA LTD.	107	0	3012	0	3119
69	SAMBHAR SALTS LTD.	266	0	-258	0	8
70	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	12597	0	35747	-17177	31167
SUB TOTAL :		14502	0	46686	-16590	44598
TEXTILES						
71	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	81	0	475	0	556
SUB TOTAL :		81	0	475	0	556

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
POWER GENERATION						
72	BHARTIYA RAIL BIJLEE CO. LTD.	14828	0	2721	0	17549
73	KANTI BIJLEE UTPADAN NIGAM LTD.	21274	0	-18109	0	3165
74	NHPC LTD.	140589	0	138014	13932	292535
75	NLC INDIA LTD.	86115	0	107453	33905	227473
76	NLC TAMIL NADU POWER LTD.	36186	0	11999	2763	50948
77	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	18306	0	18232	-153	36385
78	NTPC LTD.	709886	0	547921	92379	1350186
79	NUCLEAR POWER CORPN. OF INDIA LTD.	101605	0	60433	-43	161995
80	SJVN LTD.	36451	0	2998	7206	46655
81	THDC INDIA LTD.	57452	0	36771	-5083	89140
SUB TOTAL :		1222692	0	908433	144906	2276031
POWER TRANSMISSION						
82	POWER GRID CORPORATION OF INDIA LTD.	909125	0	462063	1896	1373084
83	POWER GRID WARORA TRANSMISSION LTD.	1233	0	2895	843	4971
84	POWERGRID KALA AMB TRANSMISSION LTD.	1167	0	752	310	2229
85	POWERGRID UNCHAHAR TRANSMISSION LTD.	385	0	671	-152	904
86	POWERGRID VIZAG TRANSMISSION LTD.	6922	0	5243	404	12569
87	REC POWER DISTRIBUTION CO. LTD.	114	0	2223	54	2391
88	REC TRANSMISSION PROJECTS CO. LTD.	14	0	1868	0	1882
SUB TOTAL :		918960	0	475715	3355	1398030
TRADING & MARKETING						
89	COTTON CORPN. OF INDIA LTD.	242	0	584	890	1716
90	FOOD CORPN. OF INDIA	10785	0	0	0	10785
91	HMT (INTERNATIONAL) LTD.	15	0	14	-14	15
92	INDIA TRADE PROMOTION ORGANISATION	414	0	13469	0	13883
93	KARNATAKA TRADE PROMOTION ORGANISATION	102	0	1995	0	2097
94	M M T C LTD.	524	0	1273	-303	1494
95	M S T C LTD.	145	0	4575	1271	5991
96	NATIONAL FILM DEV. CORPN. LTD.	142	0	1454	369	1965
97	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	90	0	1506	8	1604
98	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	16	0	53	0	69
99	NTPC VIDYUT VYAPAR NIGAM LTD.	4	0	109	-43	70
100	STATE TRADING CORPN. OF INDIA LTD.	1581	21	4066	0	5668
101	TAMIL NADU TRADE PROMOTION ORGANISATION	322	0	3158	0	3480
102	THE JUTE CORPN. OF INDIA LTD.	10	0	1130	0	1140
SUB TOTAL :		14392	21	33386	2178	49977
TRANSPORT AND LOGISTIC SERVICES						
103	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	1607	0	15240	91	16938
104	AIR INDIA AIR TRANSPORT SERVICES LTD.	1920	0	3344	898	6162
105	AIR INDIA EXPRESS LTD.	24316	0	26075	0	50391
106	AIRPORTS AUTHORITY OF INDIA	146145	0	178965	-27051	298059
107	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	28	0	853	0	881
108	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	998	0	801	-134	1665
109	CENTRAL WAREHOUSING CORPN.	13375	0	694	0	14069
110	CHANDIGARH INTERNATIONAL AIRPORT LTD.	3264	0	1406	680	5350

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
111	CONCOR AIR LTD.	551	0	173	-44	680
112	CONTAINER CORPORATION OF INDIA LTD.	39265	0	55490	-5548	89207
113	DREDGING CORPN. OF INDIA LTD.	11318	0	1664	0	12982
114	GAIL (INDIA) LTD.	141514	0	155681	70664	367859
115	GAIL GAS LTD.	2336	0	5811	1959	10106
116	KAMARAJAR PORT LTD.	3039	0	15430	0	18469
117	PAWAN HANS LTD.	8477	0	-2491	-1322	4664
118	SHIPPING CORPORATION OF INDIA LTD.	61025	0	26478	-28427	59076
SUB TOTAL :		459178	0	485614	11766	956558
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES						
119	AGRINNOVATE INDIA LTD.	13	0	158		170
120	BRIDGE & ROOF CO.(INDIA) LTD.	855	0	351	83	1289
121	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	2039	0	5736	-1331	6444
122	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	17	0	402	-41	378
123	DELHI POLICE HOUSING CORPORATION LTD.	0	0	45	0	45
124	EdCIL(India) Ltd.	49	0	1669	-415	1303
125	ENGINEERING PROJECTS (INDIA) LTD.	155	0	14	102	271
126	ENGINEERS INDIA LTD.	2383	0	15113	-3179	14317
127	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	5	0	5
128	HINDUSTAN PREFAB LTD.	22	0	193	0	215
129	HINDUSTAN STEELWORKS COSTN. LTD.	238	0	3576	236	4050
130	HLL INFRA TECH SERVICES LTD.	23	0	416	0	439
131	HSCC (INDIA) LTD.	78	0	2394	0	2472
132	IIFCL PROJECTS LTD.	4	0	233	-9	228
133	IRCON INFRASTRUCTURE & SERVICES LTD.	417	0	1365	146	1928
134	IRCON INTERNATIONAL LTD.	1286	0	15929	1017	18232
135	IRCON PB TOLLWAY LTD.	0	0	83	9	92
136	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	-7	8	1
137	KONKAN RAILWAY CORPORATION LTD.	5227	0	9629	0	14856
138	MECON LTD.	935	0	3558	-2588	1905
139	MINERAL EXPLORATION CORPN. LTD.	737	0	2686	91	3514
140	MUMBAI RAILWAY VIKAS CORPORATION LTD.	258	0	162	0	420
141	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	131	0	2921	-14	3038
142	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	150	0	2786	-772	2164
143	NATIONAL RESEARCH DEVELOPMENT CORPN.	7	0	32	30	69
144	NATIONAL SMALL INDUSTRIES CORPN. LTD.	569	0	9941	-483	10027
145	NBCC (INDIA) LTD.	271	0	15599	-1606	14264
146	NBCC SERVICES LTD.	1	0	300	-52	249
147	PFC CAPITAL ADVISORY SERVICE LTD.	0	0	38	0	38
148	POWER SYSTEM OPERATION CORPORATION LTD.	1954	0	4629	-663	5920
149	PROJECTS & DEVELOPMENT INDIA LTD.	199	0	269	-208	260
150	RAIL VIKAS NIGAM LTD.	483	0	26810	-2455	24838
151	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	615	0	2585	898	4098
152	BITES LTD.	3018	0	15906	-2225	16699
153	SOLAR ENERGY CORPORATION OF INDIA	444	0	1853	254	2551
154	WAPCOS LTD.	520	0	6365	-1029	5856
SUB TOTAL :		23098	0	153744	-14197	162645

S. No.	Cognate Group / CPSE	Depreciation	Impairment	Retained Profits	Deferred Tax	Total
HOTEL AND TOURIST SERVICES						
155	INDIA TOURISM DEV. CORPN. LTD.	715	0	1132	-729	1118
156	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2366	0	16937	342	19645
157	PONDICHERRY ASHOK HOTEL CORPN. LTD.	18	0	2	2	22
SUB TOTAL :		3099	0	18071	-385	20785
FINANCIAL SERVICES						
158	BALMER LAWRIE INVESTMENTS LTD.	0	0	1590	0	1590
159	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	41	0	152	0	193
160	E. C. G. C. LTD.	318	0	7429	-257	7490
161	EASTERN INVESTMENT LTD.	0	0	27	0	27
162	HOUSING & URBAN DEV. CORPN. LTD.	543	0	65449	-14917	51075
163	IIFCL ASSET MANAGEMENT COMPANY LTD.	2	0	280		281
164	INDIAN RAILWAY FINANCE CORPORATION LTD.	35	0	155562	0	155597
165	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2133	0	24054	6236	32423
166	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	6	0	624	0	630
167	KUMARAKRUPPA FRONTIER HOTELS LTD.	2	0	153	-10	145
168	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	19	0	2007	0	2026
169	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	113	0	194	0	307
170	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	34	0	5477	0	5511
171	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	17	0	1804	0	1821
172	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	42	0	4752	0	4794
173	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	23	0	2550	0	2573
174	PFC GREEN ENERGY LTD.	0	0	3183	3	3186
175	POWER FINANCE CORPORATION LTD.	641	0	339155	5039	344835
176	RURAL ELECTRIFICATION CORPN. LTD.	561	0	226433	2670	229664
SUB TOTAL :		4530	0	840875	-1237	844168
TELECOMMUNICATION & INFORMATION TECHNOLOGY						
177	BHARAT BROADBAND NETWORK LTD.	0	0	277	0	277
178	MILLENNIUM TELECOM LTD.	0	0	29	0	29
179	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	4021	0	3104	-362	6763
180	RAILTEL CORPORATION INDIA LTD.	11864	0	9206	-1086	19984
181	RAILTEL ENTERPRISES LTD.	1	0	159	4	164
182	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1313	0	3756	-353	4716
SUB TOTAL :		17199	0	16531	-1797	31933
GRAND TOTAL :		7029315	-13561	7138695	947918	15102367

STATEMENT - 19
INTERNAL RESOURCES UTILIZED AS % OF FIXED ASSETS AS ON 31.3.2018

(₹in Lakhs)

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	13393	2500	18.67
2	AIR INDIA AIR TRANSPORT SERVICES LTD.	36658	13842	37.76
3	AIR INDIA EXPRESS LTD.	339301	123998	36.55
4	AIRPORTS AUTHORITY OF INDIA	2498940	69399	2.78
5	ANDREW YULE & COMPANY LTD.	21682	9781	45.11
6	ANTRIX CORPORATION LTD.	1762	680	38.59
7	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	7395	5410	73.16
8	BALMER LAWRIE & CO. LTD.	48993	12516	25.55
9	BEL OPTRONICS DEVICES LTD.	38791	8745	22.54
10	BEML LTD.	82400	34626	42.02
11	BHARAT BROADBAND NETWORK LTD.	224878	6000	2.67
12	BHARAT DYNAMICS LTD.	117847	18328	15.55
13	BHARAT ELECTRONICS LTD.	305250	27699	9.07
14	BHARAT HEAVY ELECTRICALS LTD.	582890	79146	13.58
15	BHARAT PETROLEUM CORPN. LTD.	5352595	1672510	31.25
16	BHARAT SANCHAR NIGAM LTD.	25105645	2336129	9.31
17	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	602461	569528	94.53
18	BHARTIYA RAIL BIJLEE CO. LTD.	761095	714147	93.83
19	BHEL ELECTRICAL MACHINES LTD.	1096	1050	95.8
20	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	321	100	31.15
21	BRAHMAPUTRA CRACKERS & POLYMER LTD.	864797	419289	48.48
22	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	113389	93858	82.78
23	BRAITHWAITE & CO. LTD.	6784	4381	64.58
24	BRIDGE & ROOF CO.(INDIA) LTD.	6122	5499	89.82
25	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2718	137	5.04
26	BURN STANDARD COMPANY LTD.	54311	22454	41.34
27	CENTRAL COALFIELDS LTD.	545344	94000	17.24
28	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2508	1165	46.45
29	CENTRAL ELECTRONICS LTD.	8253	7852	95.14
30	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	24578	3808	15.49
31	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	21834	5514	25.25
32	CENTRAL WAREHOUSING CORPN.	202327	6802	3.36
33	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	272	100	36.76
34	CHENNAI PETROLEUM CORPORATION LTD.	826628	97491	11.79
35	COASTAL KARNATAKA POWER LTD.	568	170	29.93
36	COASTAL TAMIL NADU POWER LTD.	19913	16898	84.86
37	COCHIN SHIPYARD LTD.	56859	25894	45.54
38	CONCOR AIR LTD.	4504	3665	81.37
39	CONTAINER CORPORATION OF INDIA LTD.	540425	24372	4.51
40	DEOGHAR MEGA POWER LTD.	1475	1305	88.47

(₹ in Lakhs)

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
41	DINGCHANG TRANSMISSION LTD.	112	5	4.46
42	DREDGING CORPN. OF INDIA LTD.	330967	70041	21.16
43	EASTERN COALFIELDS LTD.	448644	391062	87.17
44	EdCIL(India) Ltd.	1110	200	18.02
45	ELECTRONICS CORPN. OF INDIA LTD.	25320	16337	64.52
46	ENGINEERS INDIA LTD.	34557	31596	91.43
47	FERRO SCRAP NIGAM LTD.	10020	3200	31.94
48	GAIL (INDIA) LTD.	3838968	323119	8.42
49	GAIL GAS LTD.	122818	116512	94.87
50	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	48836	11455	23.46
51	GHATAMPUR TRANSMISSION LTD.	125	5	4
52	GOA SHIPYARD LTD.	105999	5820	5.49
53	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	29377	1844	6.28
54	HIL (INDIA) LTD.	18375	10116	55.05
55	HINDUSTAN AERONAUTICS LTD.	1156560	43439	3.76
56	HINDUSTAN ANTIBIOTICS LTD.	22628	17672	78.1
57	HINDUSTAN COPPER LTD.	105231	61552	58.49
58	HINDUSTAN FLUOROCARBONS LIMITED	11121	2297	20.65
59	HINDUSTAN NEWSPRINT LTD.	56695	10900	19.23
60	HINDUSTAN ORGANIC CHEMICALS LTD.	35015	31284	89.34
61	HINDUSTAN PETROLEUM CORPN. LTD.	4967646	1035499	20.84
62	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	71578	44439	62.08
63	HLL INFRA TECH SERVICES LTD.	64	50	78.12
64	HLL LIFECARE LTD.	49312	37134	75.3
65	HMT (INTERNATIONAL) LTD.	839	72	8.58
66	HMT MACHINE TOOLS LTD.	32984	32949	99.89
67	HOOGHLY PRINTING COMPANY LTD.	637	102	16.01
68	HPCL RAJASTHAN REFINERY LTD.	28307	26468	93.5
69	HSCC (INDIA) LTD.	1470	180	12.24
70	I T I LTD.	277614	119700	43.12
71	INDIA TRADE PROMOTION ORGANISATION	31188	25	0.08
72	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	5312	5198	97.85
73	INDIAN OIL CORPORATION LTD.	14603490	2819629	19.31
74	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	34428	4000	11.62
75	INDIAN RARE EARTHS LTD.	71261	8656	12.15
76	IRCON INFRASTRUCTURE & SERVICES LTD.	11259	6500	57.73
77	IRCON SHIVPURI GUNA TOLLWAY LTD.	68254	67583	99.02
78	JHARKHAND CENTRAL RAILWAY LTD.	18429	5000	27.13
79	KAMARAJAR PORT LTD.	289818	117126	40.41
80	KANTI BIJLEE UTPADAN NIGAM LTD.	463615	386060	83.27
81	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	11550	2649	22.94
82	KARNATAKA TRADE PROMOTION ORGANISATION	3164	2000	63.21
83	KARNATAKA VIJAY NAGAR STEEL LTD.	63961	1	0
84	KOLKATA METRO RAIL CORPORATION LTD.	396714	383833	96.75

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
85	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	13420	11769	87.7
86	MAHANADI BASIN POWER LTD.	2014	5	0.25
87	MAHANADI COAL RAILWAY LTD.	3362	5	0.15
88	MAHANADI COALFIELDLS LTD.	793271	71263	8.98
89	MAHANAGAR TELEPHONE NIGAM LTD.	2812424	1092271	38.84
90	MANGALORE REFINERY & PETROCHEMICALS LTD.	1674262	325255	19.43
91	MAZAGON DOCK SHIPBUILDERS LTD.	84873	22410	26.4
92	MECON LTD.	17353	4014	23.13
93	MISHRA DHATU NIGAM LTD.	46075	18826	40.86
94	MOIL LTD.	104896	25761	24.56
95	MUMBAI RAILWAY VIKAS CORPORATION LTD.	5585	2500	44.76
96	NATIONAL ALUMINIUM COMPANY LTD.	941739	96646	10.26
97	NATIONAL FERTILIZERS LTD.	499075	60522	12.13
98	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1939	1900	97.99
99	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	673803	200	0.03
100	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	21213	200	0.94
101	NATIONAL SEEDS CORPN. LTD.	32988	5803	17.59
102	NEYVELI UTTAR PRADESH POWER LTD	148006	90440	61.11
103	NHDC LTD.	200359	196258	97.95
104	NHPC LTD.	4300434	2698752	62.76
105	NLC INDIA LTD.	1974406	757886	38.39
106	NLC TAMIL NADU POWER LTD.	703507	551809	78.44
107	NMDC Ltd.	1588843	31639	1.99
108	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1627214	985788	60.58
109	NORTHERN COALFIELDS LTD.	585717	68280	11.66
110	NTPC LTD.	21892113	11694306	53.42
111	NUCLEAR POWER CORPN. OF INDIA LTD.	6229547	4272316	68.58
112	NUMALIGARH REFINERY LTD.	345376	89824	26.01
113	OIL & NATURAL GAS CORPORATION LTD.	19612245	641663	3.27
114	OIL INDIA LTD.	1637803	812216	49.59
115	ONGC MANGALORE PETROCHEMICALS LTD.	671965	485683	72.28
116	ONGC VIDESH LTD.	10868362	7033192	64.71
117	ORISSA DRUGS & CHEMICALS LTD.	607	405	66.72
118	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	15984	60	0.38
119	PATRATU VIDYUT UTPADAN NIGAM LTD.	107739	104208	96.72
120	PAWAN HANS LTD.	105692	57676	54.57
121	PFC CONSULTING LTD.	541	5	0.92
122	PONDICHERRY ASHOK HOTEL CORPN. LTD.	408	160	39.22
123	POWER GRID MITHILANCHAL TRANSMISSION LTD.	2567	5	0.19
124	POWER GRID CORPORATION OF INDIA LTD.	20740737	12765191	61.55
125	POWER GRID JABALPUR TRANSMISSION LTD.	116826	96715	82.79
126	POWER GRID PARLI TRANSMISSION LTD.	166272	147669	88.81

(₹in Lakhs)

S. No.	CPSE	Gross Block + Capital WIP	Internal Resources Utilised	% of Internal Resources Utilised to Fixed Assets
127	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	245596	182367	74.25
128	POWER GRID WARORA TRANSMISSION LTD.	200331	183417	91.56
129	POWER SYSTEM OPERATION CORPORATION LTD.	18353	3107	16.93
130	POWERGRID KALA AMB TRANSMISSION LTD.	31593	30284	95.86
131	POWERGRID NM TRANSMISSION LTD.	120433	113350	94.12
132	POWERGRID UNCHAHAR TRANSMISSION LTD.	7292	6146	84.28
133	POWERGRID VIZAG TRANSMISSION LTD.	131120	109816	83.75
134	PROJECTS & DEVELOPMENT INDIA LTD.	6955	1730	24.87
135	RAILTEL CORPORATION INDIA LTD.	200731	32094	15.99
136	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	15336	11765	76.71
137	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	2292	499	21.77
138	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	4531	1433	31.63
139	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	539	490	90.91
140	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	248121	87175	35.13
141	RASHTRIYA ISPAT NIGAM LTD.	3233437	1143501	35.36
142	REC POWER DISTRIBUTION CO. LTD.	587	71	12.1
143	REC TRANSMISSION PROJECTS CO. LTD.	61	5	8.2
144	rites LTD.	35842	20000	55.8
145	SAIL REFRACTORY COMPANY LTD.	2487	10	0.4
146	SAMBHAR SALTS LTD.	3700	860	23.24
147	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	167714	106424	63.46
148	SHIPPING CORPORATION OF INDIA LTD.	1599398	372238	23.59
149	SJVN LTD.	1000983	596514	59.59
150	SJVN THERMAL PVT. LTD.	49615	43668	88.01
151	SOUTH EASTERN COALFIELDS LTD.	981632	71706	7.3
152	STATE TRADING CORPN. OF INDIA LTD.	62635	6000	9.58
153	STCL LTD.	458	150	32.75
154	STEEL AUTHORITY OF INDIA LTD.	11391342	3390769	29.77
155	TAMIL NADU TRADE PROMOTION ORGANISATION	4849	1	0.02
156	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	19719	9087	46.08
157	THDC INDIA LTD.	1661326	604618	36.39
158	URANIUM CORPORATION OF INDIA LTD.	283184	205462	72.55
159	VIGNYAN INDUSTRIES LTD.	950	279	29.37
160	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	13522	13507	99.89
161	WESTERN COALFIELDS LTD.	605501	29710	4.91
162	WR-NR POWER TRANSMISSION LTD	1525	5	0.33
GRAND TOTAL :		191077626	65498851	34.28

STATEMENT - 20
FOREIGN EXCHANGE EARNINGS OF CPSEs IN 2017-18

(₹ in Lakhs)

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other Income	Total
AGRO BASED INDUSTRIES							
1	NATIONAL SEEDS CORPN. LTD.	2016-17	264	0	0	0	264
		2017-18	0	0	0	0	0
	SUB TOTAL :	2016-17	264	0	0	0	264
		2017-18	0	0	0	0	0
CRUDE OIL							
2	BHARAT PETRO RESOURCES LTD.	2016-17	0	0	0	6191	6191
		2017-18	4893	0	0	0	4893
3	OIL & NATURAL GAS CORPORATION LTD.	2016-17	305567	879	0	841	307287
		2017-18	336442	8264	0	10539	355245
4	OIL INDIA LTD.	2016-17	0	0	3944	770	4714
		2017-18	0	0	3943	1341	5284
5	ONGC VIDESH LTD.	2016-17	729382	0	3944	50561	783887
		2017-18	763986	0	34686	39684	838356
	SUB TOTAL :	2016-17	1034949	879	7888	58363	1102079
		2017-18	1105321	8264	38629	51564	1203778
OTHER MINERALS & METALS							
6	HINDUSTAN COPPER LTD.	2016-17	23178	0	0	0	23178
		2017-18	34069	0	0	0	34069
7	INDIAN RARE EARTHS LTD.	2016-17	19843	0	0	0	19843
		2017-18	27832	0	0	0	27832
8	KIOCL LTD.	2016-17	0	0	0	76	76
		2017-18	95959	0	0	0	95959
9	NATIONAL ALUMINIUM COMPANY LTD.	2016-17	327574	0	0	158	327732
		2017-18	355596	0	0	1779	357375
	SUB TOTAL :	2016-17	370595	0	0	234	370829
		2017-18	513456	0	0	1779	515235
STEEL							
10	MISHRA DHATU NIGAM LTD.	2016-17	0	0	0	0	0
		2017-18	15	0	0	0	15
11	RASHTRIYA ISPAT NIGAM LTD.	2016-17	105038	0	0	694	105732
		2017-18	172335	0	0	1897	174232
12	STEEL AUTHORITY OF INDIA LTD.	2016-17	173783	0	0	0	173783
		2017-18	224370	0	0	0	224370
	SUB TOTAL :	2016-17	278821	0	0	694	279515
		2017-18	396720	0	0	1897	398617
PETROLEUM (REFINERY & MARKETING)							
13	BHARAT PETROLEUM CORPN. LTD.	2016-17	976947	0	0	1911	978858
		2017-18	1033465	0	3616	0	1037081
14	HINDUSTAN PETROLEUM CORPN. LTD.	2016-17	120942	0	0	0	120942
		2017-18	250195	0	0	1079	251274
15	INDIAN OIL CORPORATION LTD.	2016-17	1421319	26	0	10191	1431536
		2017-18	2238167	32	0	6322	2244521
16	MANGALORE REFINERY & PETROCHEMICALS LTD.	2016-17	1003076	0	0	0	1003076
		2017-18	1271592	0	0	0	1271592

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other Income	Total
17	NUMALIGARH REFINERY LTD.	2016-17	0	0	0	0	0
		2017-18	10972	0	0	0	10972
	SUB TOTAL :	2016-17	3522284	26	0	12102	3534412
		2017-18	4804391	32	3616	7401	4815440
CHEMICALS & PHARMACEUTICALS							
18	HIL (INDIA) LTD.	2016-17	343	0	0	0	343
		2017-18	3172	0	0	0	3172
19	HINDUSTAN ANTIBIOTICS LTD.	2016-17	1	0	0	0	1
		2017-18	0	0	0	0	0
20	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	2016-17	2235	0	0	0	2235
		2017-18	2397	0	0	0	2397
21	ONGC MANGALORE PETROCHEMICALS LTD.	2016-17	374121	0	0	0	374121
		2017-18	463152	0	0	0	463152
	SUB TOTAL :	2016-17	376700	0	0	0	376700
		2017-18	468721	0	0	0	468721
HEAVY & MEDIUM ENGINEERING							
22	BALMER LAWRIE & CO. LTD.	2016-17	1120	0	848	7645	9613
		2017-18	1927	0	1471	6685	10083
23	BEL-THALES SYSTEMS LTD.	2016-17	0	0	0	50	50
		2017-18	0	0	0	17	17
24	BHARAT DYNAMICS LTD.	2016-17	0	0	0	60	60
		2017-18	8337	0	0	4	8341
25	BHARAT ELECTRONICS LTD.	2016-17	43247	0	0	0	43247
		2017-18	5140	0	0	2860	8000
26	BHARAT HEAVY ELECTRICALS LTD.	2016-17	29252	0	0	219703	248955
		2017-18	18244	0	0	112636	130880
27	CENTRAL ELECTRONICS LTD.	2016-17	221	0	0	0	221
		2017-18	212	0	0	0	212
28	COCHIN SHIPYARD LTD.	2016-17	10442	0	0	0	10442
		2017-18	0	0	0	497	497
29	ELECTRONICS CORPN. OF INDIA LTD.	2016-17	0	0	0	0	0
		2017-18	189	0	0	0	189
30	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2016-17	729	0	0	0	729
		2017-18	0	0	0	0	0
31	GOA SHIPYARD LTD.	2016-17	39882	0	0	0	39882
		2017-18	17793	0	0	0	17793
32	HINDUSTAN AERONAUTICS LTD.	2016-17	45594	0	0	908	46502
		2017-18	30357	0	0	1045	31402
33	HMT LTD.	2016-17	38	0	0	0	38
		2017-18	4	0	0	0	4
34	HMT MACHINE TOOLS LTD.	2016-17	28	0	0	0	28
		2017-18	50	0	0	0	50
35	INSTRUMENTATION LTD.	2016-17	14	0	0	0	14
		2017-18	14	0	0	0	14
36	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	2016-17	21	0	0	2	23
		2017-18	19	0	0	2	21
	SUB TOTAL :	2016-17	170588	0	848	228368	399804
		2017-18	82286	0	1471	123746	207503

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other Income	Total
TRANSPORTATION VEHICLE & EQUIPMENT							
37	BEML LTD.	2016-17	1686	0	0	0	1686
		2017-18	2252	0	0	0	2252
	SUB TOTAL :	2016-17	1686	0	0	0	1686
		2017-18	2252	0	0	0	2252
INDUSTRIAL AND CONSUMER GOODS							
38	ANDREW YULE & COMPANY LTD.	2016-17	183	0	0	8	191
		2017-18	363	0	0	0	363
39	HLL LIFECARE LTD.	2016-17	12261	0	0	567	12828
		2017-18	0	0	0	241	241
	SUB TOTAL :	2016-17	12444	0	0	575	13019
		2017-18	363	0	0	241	604
TEXTILES							
40	NATIONAL TEXTILE CORPN. LTD.	2016-17	0	0	0	0	0
		2017-18	3122	0	0	0	3122
	SUB TOTAL :	2016-17	0	0	0	0	0
		2017-18	3122	0	0	0	3122
POWER GENERATION							
41	NTPC LTD.	2016-17	0	582	0	0	582
		2017-18	0	201	0	0	201
	SUB TOTAL :	2016-17	0	582	0	0	582
		2017-18	0	201	0	0	201
POWER TRANSMISSION							
42	POWER GRID CORPORATION OF INDIA LTD.	2016-17	0	2334	0	0	2334
		2017-18	0	2601	0	0	2601
	SUB TOTAL :	2016-17	0	2334	0	0	2334
		2017-18	0	2601	0	0	2601
TRADING & MARKETING							
43	ANTRIX CORPORATION LTD.	2016-17	0	0	0	17697	17697
		2017-18	5	21141	0	306	21452
44	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	2016-17	372	0	0	2829	3201
		2017-18	225	0	0	2161	2386
45	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	2016-17	2020	0	0	7	2027
		2017-18	2020	0	0	7	2027
46	HMT (INTERNATIONAL) LTD.	2016-17	640	0	0	0	640
		2017-18	213	0	0	0	213
47	INDIA TRADE PROMOTION ORGANISATION	2016-17	0	0	0	1144	1144
		2017-18	0	0	0	0	0
48	M M T C LTD.	2016-17	154733	0	0	10	154743
		2017-18	179537	0	0	158	179695
49	M S T C LTD.	2016-17	0	0	0	1	1
		2017-18	0	0	0	1	1
50	NATIONAL FILM DEV. CORPN. LTD.	2016-17	106	0	0	0	106
		2017-18	40	0	0	0	40
51	P E C LTD.	2016-17	5828	0	0	0	5828

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other Income	Total
		2017-18	0	0	0	0	0
52	STATE TRADING CORPN. OF INDIA LTD.	2016-17	73997	0	0	293	74290
		2017-18	0	0	0	0	0
	SUB TOTAL :	2016-17	237696	0	0	21981	259677
		2017-18	182040	21141	0	2633	205814
	TRANSPORT AND LOGISTIC SERVICES						
53	AIR INDIA AIR TRANSPORT SERVICES LTD.	2016-17	0	0	0	25862	25862
		2017-18	0	0	0	25862	25862
54	AIR INDIA LTD.	2016-17	1672037	0	1962	0	1673999
		2017-18	0	0	0	0	0
55	AIRPORTS AUTHORITY OF INDIA	2016-17	0	0	0	97961	97961
		2017-18	0	0	0	111136	111136
56	GAIL (INDIA) LTD.	2016-17	10334	0	5416	62757	78507
		2017-18	39116	0	6427	129165	174708
57	SHIPPING CORPORATION OF INDIA LTD.	2016-17	342962	0	12614	0	355576
		2017-18	339644	0	6333	0	345977
	SUB TOTAL :	2016-17	2025333	0	19992	186580	2231905
		2017-18	378760	0	12760	266163	657683
	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES						
58	AGRINNOVATE INDIA LTD.	2016-17	0	1	0	0	1
		2017-18	0	0	0	0	0
59	BROADCAST ENGG. CONSULTANTS INDIA LTD.	2016-17	2	0	0	17	19
		2017-18	5	0	0	36	41
60	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	2016-17	0	34	0	0	34
		2017-18	0	0	0	56	56
61	EdCIL(India) Ltd.	2016-17	0	0	0	49	49
		2017-18	0	0	0	0	0
62	ENGINEERING PROJECTS (INDIA) LTD.	2016-17	55097	0	154	3	55254
		2017-18	0	0	7	79692	79699
63	ENGINEERS INDIA LTD.	2016-17	0	30060	0	0	30060
		2017-18	0	22584	0	0	22584
64	HLL INFRA TECH SERVICES LTD.	2016-17	0	159	0	0	159
		2017-18	0	221	0	0	221
65	IRCON INFRASTRUCTURE & SERVICES LTD.	2016-17	0	0	0	488	488
		2017-18	0	192	0	4	196
66	IRCON INTERNATIONAL LTD.	2016-17	22037	0	694	3791	26522
		2017-18	43707	0	601	738	45046
67	MECON LTD.	2016-17	0	86	0	0	86
		2017-18	0	14	0	0	14
68	NATIONAL SMALL INDUSTRIES CORPN. LTD.	2016-17	37	0	0	0	37
		2017-18	0	0	0	0	0
69	PROJECTS & DEVELOPMENT INDIA LTD.	2016-17	0	261	0	0	261
		2017-18	0	106	0	0	106
70	RITES LTD.	2016-17	37163	5039	0	1	42203
		2017-18	23161	7535	3	51	30750
71	WAPCOS LTD.	2016-17	0	18806	112	15252	34170

S. No.	Cognate Group / CPSE	Year	Exports of goods (FOB Basis)	Royalty, know how, professional & Consultancy Fee	Interest & Dividend	Other Income	Total
		2017-18	0	14451	25	1103	15579
	SUB TOTAL :	2016-17	114336	54446	960	19601	189343
		2017-18	66873	45103	636	81680	194292
	HOTEL AND TOURIST SERVICES						
72	INDIA TOURISM DEV. CORPN. LTD.	2016-17	1384	0	0	136	1520
		2017-18	1492	0	0	35	1527
73	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	2016-17	0	0	0	4751	4751
		2017-18	0	0	0	3759	3759
	SUB TOTAL :	2016-17	1384	0	0	4887	6271
		2017-18	1492	0	0	3794	5286
	FINANCIAL SERVICES						
74	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2016-17	0	0	0	739	739
		2017-18	0	0	0	1182	1182
75	HOUSING & URBAN DEV. CORPN. LTD.	2016-17	0	0	202	0	202
		2017-18	0	0	232	0	232
76	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2016-17	0	0	0	1	1
		2017-18	0	0	0	0	0
77	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	2016-17	0	0	137	0	137
		2017-18	0	0	161	0	161
	SUB TOTAL :	2016-17	0	0	339	740	1079
		2017-18	0	0	393	1182	1575
	TELECOMMUNICATION & INFORMATION TECHNOLOGY						
78	BHARAT SANCHAR NIGAM LTD.	2016-17	0	0	0	0	0
		2017-18	0	0	0	12706	12706
79	MAHANAGAR TELEPHONE NIGAM LTD.	2016-17	0	0	0	383	383
		2017-18	0	0	0	280	280
80	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	2016-17	0	0	0	6893	6893
		2017-18	0	0	0	2270	2270
	SUB TOTAL :	2016-17	0	0	0	7276	7276
		2017-18	0	0	0	15256	15256
	GRAND TOTAL :	2016-17	8147080	58267	30027	541401	8776775
		2017-18	8005797	77342	57505	557336	8697980

STATEMENT - 21
NUMBER OF EMPLOYEES AND HOUSES CONSTRUCTED IN CPSEs

Cognate Group / CPSE		Total No. of Employees as on 31.3.2018	No. of houses constructed in township	No. of houses under con- struction	Total No. of houses constructed as on 31.3.2018
AGRO BASED INDUSTRIES					
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	929	0	0	0
2	HPCL BIOFUELS LTD.	736	0	0	0
3	NATIONAL SEEDS CORPN. LTD.	1466	0	0	0
SUB TOTAL:		3131	0	0	0
COAL					
4	BHARAT COKING COAL LTD.	48747	56257	9184	65441
5	CENTRAL COALFIELDS LTD.	40777	0	0	0
6	COAL INDIA LTD.	2044	3219	0	3219
7	EASTERN COALFIELDS LTD.	61796	91180	56	91236
8	MAHANADI COALFIELDLS LTD.	22430	15580	1073	16653
9	NORTHERN COALFIELDS LTD.	15057	16180	142	16322
10	SOUTH EASTERN COALFIELDS LTD.	58143	69330	0	69330
11	WESTERN COALFIELDS LTD.	45663	0	0	0
SUB TOTAL :		294657	251746	10455	262201
CRUDE OIL					
12	BHARAT PETRO RESOURCES LTD.	2	0	0	0
13	OIL & NATURAL GAS CORPORATION LTD.	32265	0	0	0
14	OIL INDIA LTD.	6955	0	0	0
15	ONGC VIDESH LTD.	2079	0	0	0
16	PRIZE PETROLEUM COMPANY LTD.	18	0	0	0
SUB TOTAL :		41319	0	0	0
OTHER MINERALS & METALS					
17	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	44	0	0	0
18	HINDUSTAN COPPER LTD.	2508	12191	0	12191
19	INDIAN RARE EARTHS LTD.	1521	316	0	316
20	J & K MINERAL DEVELOPMENT CORPN. LTD.	5	0	0	0
21	KIOCL LTD.	888	2142	0	2142
22	MOIL LTD.	6080	4615	636	5251
23	NATIONAL ALUMINIUM COMPANY LTD.	6776	7868	0	7868
24	NMDC Ltd.	5382	7151	1948	9099
25	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	450	0	0	0
26	THE BISRA STONE LIME COMPANY LTD.	724	0	0	0
27	URANIUM CORPORATION OF INDIA LTD.	4710	0	0	0
SUB TOTAL :		29088	34283	2584	36867
STEEL					
28	FERRO SCRAP NIGAM LTD.	801	0	0	0
29	MISHRA DHATU NIGAM LTD.	849	86	0	86
30	RASHTRIYA ISPAT NIGAM LTD.	17617	8581	0	8581
31	STEEL AUTHORITY OF INDIA LTD.	76870	0	0	0
SUB TOTAL :		96137	8667	0	8667
PETROLEUM (REFINERY & MARKETING)					
32	BHARAT PETROLEUM CORPN. LTD.	12019	2101	276	2377
33	CHENNAI PETROLEUM CORPORATION LTD.	1709	0	0	0
34	HINDUSTAN PETROLEUM CORPN. LTD.	10352	0	0	0
35	INDIAN OIL CORPORATION LTD.	33157	13814	303	14117
36	MANGALORE REFINERY & PETROCHEMICALS LTD.	1916	804	0	804

S. No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2018	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2018
37	NUMALIGARH REFINERY LTD.	860	0	0	0
SUB TOTAL :		60013	16719	579	17298
FERTILIZERS					
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	610	2736	0	2736
39	FERTILIZER CORPN. OF INDIA LTD.	4	0	0	0
40	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	1963	0	0	0
41	HINDUSTAN FERTILIZER CORPN. LTD.	1	0	0	0
42	MADRAS FERTILIZERS LTD.	632	0	0	0
43	NATIONAL FERTILIZERS LTD.	3430	4790	0	4790
44	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	3337	0	0	0
SUB TOTAL :		9977	7526	0	7526
CHEMICALS & PHARMACEUTICALS					
45	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	248	0	0	0
46	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	113	0	0	0
47	BRAHMAPUTRA CRACKERS & POLYMER LTD.	618	329	0	329
48	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	185	0	0	0
49	HIL (INDIA) LTD.	895	429	0	429
50	HINDUSTAN ANTIBIOTICS LTD.	972	979	0	979
51	HINDUSTAN FLUOROCARBONS LIMITED	140	0	0	0
52	HINDUSTAN ORGANIC CHEMICALS LTD.	470	184	0	184
53	HLL BIOTECH LTD.	202	0	0	0
54	IDPL (TAMILNADU) LTD.	112	0	0	0
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	28	0	0	0
56	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	129	0	0	0
57	INDIAN VACCINE CORP. LTD.	1	0	0	0
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	717	0	0	0
59	ONGC MANGALORE PETROCHEMICALS LTD.	474	0	0	0
60	ORISSA DRUGS & CHEMICALS LTD.	40	0	0	0
61	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	160	0	0	0
SUB TOTAL :		5504	1921	0	1921
HEAVY & MEDIUM ENGINEERING					
62	BALMER LAWRIE & CO. LTD.	1127	0	0	0
63	BEL OPTRONICS DEVICES LTD.	137	0	0	0
64	BEL-THALES SYSTEMS LTD.	13	0	0	0
65	BHARAT DYNAMICS LTD.	3095	1449	0	1449
66	BHARAT ELECTRONICS LTD.	9726	2525	256	2781
67	BHARAT HEAVY ELECTRICALS LTD.	37540	21465	26	21491
68	BHARAT PUMPS & COMPRESSORS LTD.	391	0	0	0
69	BHARAT WAGON & ENGG. CO. LTD.	60	0	0	0
70	BHEL ELECTRICAL MACHINES LTD.	168	0	0	0
71	BRAITHWAITE & CO. LTD.	259	0	0	0
72	BURN STANDARD COMPANY LTD.	525	0	0	0
73	CENTRAL ELECTRONICS LTD.	419	0	0	0
74	COCHIN SHIPYARD LTD.	1782	0	0	0
75	ELECTRONICS CORPN. OF INDIA LTD.	1992	60	0	60
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	2214	0	0	0
77	GOA SHIPYARD LTD.	1413	0	0	0
78	HEAVY ENGINEERING CORPN. LTD.	1388	11109	0	11109

S. No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2018	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2018
79	HINDUSTAN AERONAUTICS LTD.	29362	18368	598	18966
80	HINDUSTAN CABLES LTD.	0	4850	0	4850
81	HINDUSTAN SHIPYARD LTD.	1178	0	0	0
82	HMT LTD.	101	1112	0	1112
83	HMT MACHINE TOOLS LTD.	1426	0	0	0
84	HMT WATCHES LTD.	145	0	0	0
85	HOOGHLY DOCK AND PORT ENGINEERS LTD.	45	0	0	0
86	I T I LTD.	3576	6612	0	6612
87	INSTRUMENTATION LTD.	712	718	0	718
88	MAZAGON DOCK SHIPBUILDERS LTD.	4801	314	0	314
89	NAINI AEROSPACE LTD.	136	0	0	0
90	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	242	0	0	0
91	RICHARDSON & CRUDDAS(1972) LTD.	11	0	0	0
92	SAIL REFRACTORY COMPANY LTD.	184	74	0	74
93	SCOOTERS INDIA LTD.	177	0	0	0
94	VIGNYAN INDUSTRIES LTD.	95	0	0	0
SUB TOTAL :		104440	68656	880	69536
TRANSPORTATION VEHICLE & EQUIPMENT					
95	BEML LTD.	7722	2488	0	2488
SUB TOTAL :		7722	2488	0	2488
INDUSTRIAL AND CONSUMER GOODS					
96	ANDREW YULE & COMPANY LTD.	14731	0	0	0
97	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	266	0	0	0
98	CEMENT CORPN. OF INDIA LTD.	640	3611	0	3611
99	HINDUSTAN NEWSPRINT LTD.	450	0	0	0
100	HINDUSTAN PAPER CORPORATION LTD.	1840	0	0	0
101	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	170	472	0	472
102	HINDUSTAN SALTS LTD.	76	541	0	541
103	HLL LIFECARE LTD.	3037	0	0	0
104	HOOGHLY PRINTING COMPANY LTD.	43	0	0	0
105	NAGALAND PULP & PAPER COMPANY LTD.	181	0	0	0
106	NEPA LTD.	705	2164	0	2164
107	SAMBHAR SALTS LTD.	110	254	0	254
108	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	9638	611	0	611
SUB TOTAL :		31887	7653	0	7653
TEXTILES					
109	BRITISH INDIA CORPORATION LTD.	1209	1668	0	1668
110	NATIONAL TEXTILE CORPN. LTD.	7662	186	0	186
SUB TOTAL :		8871	1854	0	1854
POWER GENERATION					
111	BHARTIYA RAIL BIJLEE CO. LTD.	222	136	296	432
112	KANTI BIJLEE UTPADAN NIGAM LTD.	230	0	0	0
113	NHDC LTD.	546	2025	0	2025
114	NHPC LTD.	7351	9023	64	9087
115	NLC INDIA LTD.	14446	19798	0	19798
116	NLC TAMIL NADU POWER LTD.	246	103	147	250
117	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	2179	2517	19	2536
118	NTPC LTD.	19739	0	0	0

S. No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2018	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2018
119	NUCLEAR POWER CORPN. OF INDIA LTD.	11460	11458	40	11498
120	PATRATU VIDYUT UTPADAN NIGAM LTD.	86	0	0	0
121	SJVN LTD.	1607	1644	0	1644
122	THDC INDIA LTD.	1922	1972	36	2008
SUB TOTAL :		60034	48676	602	49278
POWER TRANSMISSION					
123	POWER GRID CORPORATION OF INDIA LTD.	8900	0	0	0
124	REC POWER DISTRIBUTION CO. LTD.	40	0	0	0
SUB TOTAL :		8940	0	0	0
TRADING & MARKETING					
125	ANTRIX CORPORATION LTD.	75	0	0	0
126	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	267	3	0	3
127	COTTON CORPN. OF INDIA LTD.	788	0	0	0
128	FOOD CORPN. OF INDIA	22370	0	0	0
129	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	95	67	0	67
130	HMT (INTERNATIONAL) LTD.	27	0	0	0
131	INDIA TRADE PROMOTION ORGANISATION	744	0	0	0
132	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0
133	M M T C LTD.	1127	0	0	0
134	M S T C LTD.	325	0	0	0
135	NATIONAL FILM DEV. CORPN. LTD.	81	0	0	0
136	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	202	0	0	0
137	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	56	0	0	0
138	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	50	0	0	0
139	NTPC VIDYUT VYAPAR NIGAM LTD.	39	0	0	0
140	P E C LTD.	110	0	0	0
141	STATE TRADING CORPN. OF INDIA LTD.	591	0	0	0
142	STCL LTD.	11	0	0	0
143	TAMIL NADU TRADE PROMOTION ORGANISATION	5	0	0	0
144	THE JUTE CORPN. OF INDIA LTD.	278	0	0	0
SUB TOTAL :		27242	70	0	70
TRANSPORT AND LOGISTIC SERVICES					
145	AIR INDIA AIR TRANSPORT SERVICES LTD.	7242	0	0	0
146	AIR INDIA ENGINEERING SERVICES LTD.	4440	0	0	0
147	AIR INDIA EXPRESS LTD.	1241	0	0	0
148	AIR INDIA LTD.	11827	0	0	0
149	AIRLINE ALLIED SERVICES LTD.	602	0	0	0
150	AIRPORTS AUTHORITY OF INDIA	17535	0	0	0
151	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	58	0	0	0
152	CENTRAL WAREHOUSING CORPN.	3570	0	0	0
153	CHANDIGARH INTERNATIONAL AIRPORT LTD.	2	0	0	0
154	CONTAINER CORPORATION OF INDIA LTD.	1475	60	0	60
155	DREDGING CORPN. OF INDIA LTD.	427	0	0	0
156	FRESH & HEALTHY ENTERPRISES LTD.	4	0	0	0
157	GAIL (INDIA) LTD.	4486	2523	71	2594
158	KAMARAJAR PORT LTD.	98	0	0	0

S. No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2018	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2018
159	PAWAN HANS LTD.	418	0	0	0
160	PETRONET CCK LTD.	43	0	0	0
161	SHIPPING CORPORATION OF INDIA LTD.	729	0	0	0
SUB TOTAL :		54197	2583	71	2654
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES					
162	AGRINNOVATE INDIA LTD.	2	0	0	0
163	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	350	0	0	0
164	BRIDGE & ROOF CO.(INDIA) LTD.	1244	0	0	0
165	BROADCAST ENGG. CONSULTANTS INDIA LTD.	66	0	0	0
166	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3379	0	0	0
167	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	69	0	0	0
168	EdCIL(India) Ltd.	111	0	0	0
169	ENGINEERING PROJECTS (INDIA) LTD.	359	0	0	0
170	ENGINEERS INDIA LTD.	2827	0	0	0
171	HINDUSTAN PREFAB LTD.	223	0	0	0
172	HINDUSTAN STEELWORKS COSTN. LTD.	25	2753	0	2753
173	HLL INFRA TECH SERVICES LTD.	157	0	0	0
174	HSCC (INDIA) LTD.	184	0	0	0
175	IIFCL PROJECTS LTD.	16	0	0	0
176	IRCON INFRASTRUCTURE & SERVICES LTD.	56	0	0	0
177	IRCON INTERNATIONAL LTD.	1623	0	0	0
178	KONKAN RAILWAY CORPORATION LTD.	5253	1385	0	1385
179	MECON LTD.	1315	1937	0	1937
180	MINERAL EXPLORATION CORPN. LTD.	1115	175	0	175
181	MUMBAI RAILWAY VIKAS CORPORATION LTD.	288	0	0	0
182	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	0	0	0
183	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	771	0	0	0
184	NATIONAL RESEARCH DEVELOPMENT CORPN.	62	0	0	0
185	NATIONAL SMALL INDUSTRIES CORPN. LTD.	814	0	0	0
186	NBCC (INDIA) LTD.	1945	0	0	0
187	NBCC ENGINEERING AND CONSULTANCY LTD.	21	0	0	0
188	POWER SYSTEM OPERATION CORPORATION LTD.	479	0	0	0
189	PROJECTS & DEVELOPMENT INDIA LTD.	352	1582	0	1582
190	RAIL VIKAS NIGAM LTD.	540	0	0	0
191	rites LTD.	2216	185	0	185
192	SOLAR ENERGY CORPORATION OF INDIA	70	0	0	0
193	TCIL BINA TOLL ROAD LTD.	30	0	0	0
194	WAPCOS LTD.	923	0	0	0
SUB TOTAL :		26957	8017	0	8017
HOTEL AND TOURIST SERVICES					
195	DONYI POLO ASHOK HOTEL LTD.	26	0	0	0
196	HOTEL CORPN. OF INDIA LTD.	740	0	0	0
197	INDIA TOURISM DEV. CORPN. LTD.	1023	0	0	0
198	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1461	0	0	0
199	PONDICHERRY ASHOK HOTEL CORPN. LTD.	15	0	0	0
200	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	32	0	0	0

S. No.	Cognate Group / CPSE	Total No. of Employees as on 31.3.2018	No. of houses constructed in township	No. of houses under construction	Total No. of houses constructed as on 31.3.2018
SUB TOTAL :		3297	0	0	0
FINANCIAL SERVICES					
201	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	43	0	0	0
202	E. C. G. C. LTD.	610	0	0	0
203	EASTERN INVESTMENT LTD.	2	0	0	0
204	HOUSING & URBAN DEV. CORPN. LTD.	869	0	0	0
205	IIFCL ASSET MANAGEMENT COMPANY LTD.	6	0	0	0
206	INDIA INFRASTRUCTURE FINANCE CO. LTD.	86	0	0	0
207	INDIAN RAILWAY FINANCE CORPORATION LTD.	24	0	0	0
208	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	150	0	0	0
209	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	16	0	0	0
210	KUMARAKRUPPA FRONTIER HOTELS LTD.	3	0	0	0
211	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	45	0	0	0
212	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	36	0	0	0
213	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	30	0	0	0
214	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	23	0	0	0
215	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	78	0	0	0
216	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	52	0	0	0
217	POWER FINANCE CORPORATION LTD.	498	0	0	0
218	RURAL ELECTRIFICATION CORPN. LTD.	528	0	0	0
SUB TOTAL :		3099	0	0	0
TELECOMMUNICATION & INFORMATION TECHNOLOGY					
219	BHARAT BROADBAND NETWORK LTD.	128	0	0	0
220	BHARAT SANCHAR NIGAM LTD.	183522	0	0	0
221	MAHANAGAR TELEPHONE NIGAM LTD.	25191	0	0	0
222	RAILTEL CORPORATION INDIA LTD.	537	0	0	0
223	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	838	0	0	0
SUB TOTAL :		210216	0	0	0
ENTERPRISES UNDER CONSTRUCTION					
224	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	480	630	0	630
225	BUNDELKHAND SAUR URJA LTD.	8	0	0	0
226	CHHATTISGARH EAST RAILWAYS LTD.	10	0	0	0
227	CHHATTISGARH EAST-WEST RAILWAYS LTD.	10	0	0	0
228	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	682	0	0	0
229	HLL MEDIPARK LTD	5	0	0	0
230	HLL MOTHER & CHILD CARE HOSPITALS LTD.	17	0	0	0
231	KOLKATA METRO RAIL CORPORATION LTD.	25	0	0	0
232	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	21	0	0	0
233	MAHANADI BASIN POWER LTD.	4	0	0	0
234	MJSJ COAL LTD.	2	0	0	0
235	MNH SHAKTI LTD.	1	0	0	0
236	NEYVELI UTTAR PRADESH POWER LTD	71	0	0	0
237	NMDC-CMDC LTD.	2	0	0	0
238	SETHUSAMUDRAM CORPN. LTD.	8	0	0	0
239	SJVN THERMAL PVT. LTD.	66	0	0	0
SUB TOTAL :		1412	630	0	630
GRAND TOTAL :		1088140	461489	15171	476660

STATEMENT - 22
BREAK-UP OF TOTAL EMPLOYEES AS ON 31.3.2018

S.No.	Cognate Group / CPSE	Manage- rial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Un- ionised	Skilled	Unskilled			
AGRO BASED INDUSTRIES									
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	6	202	16	705	0	31	3	963
2	HPCL BIOFUELS LTD.	32	0	97	607	0	0	304	1040
3	NATIONAL SEEDS CORPN. LTD.	250	0	68	498	650	266	0	1732
SUB TOTAL :		288	202	181	1810	650	297	307	3735
COAL									
4	BHARAT COKING COAL LTD.	2195	5416	0	18445	22691	0	3696	52443
5	CENTRAL COALFIELDS LTD.	2402	3206	0	14760	20409	3	4215	44995
6	COAL INDIA LTD.	511	276	0	701	556	65	1303	3412
7	EASTERN COALFIELDS LTD.	2217	4197	0	23649	31733	0	6011	67807
8	MAHANADI COALFIELDLS LTD.	1882	3422	0	8407	8719	15201	17267	54898
9	NORTHERN COALFIELDS LTD.	1788	1801	0	10615	853	0	0	15057
10	SOUTH EASTERN COALFIELDS LTD.	3080	9198	0	28396	17469	0	0	58143
11	WESTERN COALFIELDS LTD.	2475	7264	538	19060	16326	0	0	45663
SUB TOTAL :		16550	34780	538	124033	118756	15269	32492	342418
CRUDE OIL									
12	BHARAT PETRO RESOURCES LTD.	2	0	0	0	0	0	8	10
13	OIL & NATURAL GAS CORPORATION LTD.	20965	1784	0	7236	2280	264	21115	53644
14	OIL INDIA LTD.	1568	1093	0	2792	1502	0	4806	11761
15	ONGC VIDESH LTD.	1542	537	0	0	0	0	176	2255
16	PRIZE PETROLEUM COMPANY LTD.	3	0	15	0	0	0	0	18
SUB TOTAL :		24080	3414	15	10028	3782	264	26105	67688
OTHER MINERALS & METALS									
17	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	28	0	0	13	3	0	102	146
18	HINDUSTAN COPPER LTD.	564	0	41	1362	541	0	2561	5069
19	INDIAN RARE EARTHS LTD.	463	0	0	729	329	10	1095	2626
20	J & K MINERAL DEVELOPMENT CORPN. LTD.	1	0	0	2	2	0	1	6
21	KIOCL LTD.	244	0	39	567	38	0	546	1434
22	MOIL LTD.	344	123	0	1279	4334	0	0	6080
23	NATIONAL ALUMINIUM COMPANY LTD.	1812	681	0	3690	593	0	10421	17197
24	NMDC Ltd.	1473	0	146	3409	354	0	4159	9541
25	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	80	40	0	148	182	0	0	450
26	THE BISRA STONE LIME COMPANY LTD.	27	51	0	129	517	0	0	724
27	URANIUM CORPORATION OF INDIA LTD.	273	0	287	1456	2694	63	2	4775
SUB TOTAL :		5309	895	513	12784	9587	73	18887	48048
STEEL									
28	FERRO SCRAP NIGAM LTD.	152	0	0	646	3	0	0	801
29	MISHRA DHATU NIGAM LTD.	271	0	71	266	241	516	2	1367

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
30	RASHTRIYA ISPAT NIGAM LTD.	6132	0	11	9761	1713	0	16839	34456
31	STEEL AUTHORITY OF INDIA LTD.	11718	0	0	58574	6578	15	66186	143071
	SUB TOTAL :	18273	0	82	69247	8535	531	83027	179695
	PETROLEUM (REFINERY & MARKETING)								
32	BHARAT PETROLEUM CORPN. LTD.	5981	0	0	4499	1539	0	19290	31309
33	CHENNAI PETROLEUM CORPORATION LTD.	832	0	0	877	0	0	4303	6012
34	HINDUSTAN PETROLEUM CORPN. LTD.	6069	0	0	3409	874	15	24029	34396
35	INDIAN OIL CORPORATION LTD.	17123	5733	0	9668	633	11	115	33283
36	MANGALORE REFINERY & PETRO-CHEMICALS LTD.	823	0	0	1083	10	0	2930	4846
37	NUMALIGARH REFINERY LTD.	440	0	0	420	0	0	0	860
	SUB TOTAL :	31268	5733	0	19956	3056	26	50667	110706
	FERTILIZERS								
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	411	0	0	191	8	0	540	1150
39	FERTILIZER CORPN. OF INDIA LTD.	0	0	4	0	0	0	0	4
40	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	646	0	0	1056	261	376	63	2402
41	HINDUSTAN FERTILIZER CORPN. LTD.	0	1	0	0	0	0	0	1
42	MADRAS FERTILIZERS LTD.	388	0	0	215	29	0	734	1366
43	NATIONAL FERTILIZERS LTD.	1684	0	0	1659	87	0	3293	6723
44	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	894	918	697	699	129	0	1137	4474
	SUB TOTAL :	4023	919	701	3820	514	376	5767	16120
	CHEMICALS & PHARMACEUTICALS								
45	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	62	59	0	83	44	0	0	248
46	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	65	0	27	21	0	0	4	117
47	BRAHMAPUTRA CRACKERS & POLYMER LTD.	426	0	192	0	0	0	0	618
48	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	30	30	15	3	107	38	8	231
49	HIL (INDIA) LTD.	2	0	272	570	51	0	0	895
50	HINDUSTAN ANTIBIOTICS LTD.	193	6	0	557	216	61	5	1038
51	HINDUSTAN FLUOROCARBONS LIMITED	69	0	0	18	53	22	7	169
52	HINDUSTAN ORGANIC CHEMICALS LTD.	207	0	33	173	57	115	24	609
53	HLL BIOTECH LTD.	126	0	43	33	0	0	87	289
54	IDPL (TAMILNADU) LTD.	7	0	0	32	73	0	91	203
55	INDIAN DRUGS & PHARMACEUTICALS LTD.	10	0	18	0	0	0	102	130
56	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	23	92	14	0	0	18	255	402
57	INDIAN VACCINE CORP. LTD.	0	1	0	0	0	0	0	1

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	241	0	0	227	249	0	0	717
59	ONGC MANGALORE PETROCHEMICALS LTD.	176	0	0	253	45	0	523	997
60	ORISSA DRUGS & CHEMICALS LTD.	5	0	3	22	10	0	12	52
61	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	24	0	33	101	2	0	0	160
SUB TOTAL :		1666	188	650	2093	907	254	1118	6876
HEAVY & MEDIUM ENGINEERING									
62	BALMER LAWRIE & CO. LTD.	477	0	213	78	359	0	282	1409
63	BEL OPTRONICS DEVICES LTD.	39	0	0	98	0	0	36	173
64	BEL-THALES SYSTEMS LTD.	10	0	3	0	0	0	15	28
65	BHARAT DYNAMICS LTD.	877	0	0	1952	266	1	87	3183
66	BHARAT ELECTRONICS LTD.	5695	0	220	3578	233	7868	0	17594
67	BHARAT HEAVY ELECTRICALS LTD.	10943	0	7285	18595	717	0	19777	57317
68	BHARAT PUMPS & COMPRESSORS LTD.	86	0	16	287	2	0	72	463
69	BHARAT WAGON & ENGG. CO. LTD.	18	0	41	1	0	0	0	60
70	BHEL ELECTRICAL MACHINES LTD.	17	13	4	117	17	0	27	195
71	BRAITHWAITE & CO. LTD.	41	20	13	185	0	28	208	495
72	BURN STANDARD COMPANY LTD.	46	86	0	393	0	0	1183	1708
73	CENTRAL ELECTRONICS LTD.	184	0	0	228	7	11	47	477
74	COCHIN SHIPYARD LTD.	332	0	167	1283	0	0	757	2539
75	ELECTRONICS CORPN. OF INDIA LTD.	1421	0	0	388	183	0	0	1992
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	482	110	119	1202	301	0	0	2214
77	GOA SHIPYARD LTD.	258	0	176	759	220	0	2385	3798
78	HEAVY ENGINEERING CORPN. LTD.	713	0	121	505	49	1	1929	3318
79	HINDUSTAN AERONAUTICS LTD.	8799	0	0	20221	342	327	11349	41038
80	HINDUSTAN CABLES LTD.	0	0	0	0	0	0	0	0
81	HINDUSTAN SHIPYARD LTD.	335	308	0	526	9	0	432	1610
82	HMT BEARINGS LTD.	0	0	0	0	0	0	0	0
83	HMT CHINAR WATCHES LTD.	0	0	0	0	0	0	0	0
84	HMT LTD.	32	0	8	61	0	0	199	300
85	HMT MACHINE TOOLS LTD.	415	263	33	583	132	638	90	2154
86	HMT WATCHES LTD.	0	0	0	145	0	0	0	145
87	HOOGLY DOCK AND PORT ENGINEERS LTD.	1	1	2	21	20	11	23	79
88	I T I LTD.	2618	0	0	955	3	0	211	3787
89	INSTRUMENTATION LTD.	157	0	328	158	69	0	0	712
90	MAZAGON DOCK SHIPBUILDERS LTD.	1124	439	0	3235	3	131	3987	8919
91	NAINI AEROSPACE LTD.	12	113	0	0	11	0	0	136
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	85	0	74	56	27	52	603	897
93	RICHARDSON & CRUDDAS(1972) LTD.	4	0	4	3	0	0	0	11
94	SAIL REFRACTORY COMPANY LTD.	18	0	0	163	3	0	377	561
95	SCOOTERS INDIA LTD.	76	12	0	66	23	0	211	388

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
96	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0	0	0
97	VIGNYAN INDUSTRIES LTD.	13	0	0	58	24	0	182	277
SUB TOTAL :		35328	1365	8827	55900	3020	9068	44469	157977
TRANSPORTATION VEHICLE & EQUIPMENT									
98	BEML LTD.	2187	2891	0	2471	173	0	5149	12871
SUB TOTAL :		2187	2891	0	2471	173	0	5149	12871
INDUSTRIAL AND CONSUMER GOODS									
99	ANDREW YULE & COMPANY LTD.	216	436	87	284	13708	0	127	14858
100	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	104	0	0	154	8	376	32	674
101	CEMENT CORPN. OF INDIA LTD.	164	0	187	289	0	14	1367	2021
102	HINDUSTAN NEWSPRINT LTD.	91	0	24	212	123	219	289	958
103	HINDUSTAN PAPER CORPORATION LTD.	302	0	132	1321	85	1	2577	4418
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	6	0	48	84	32	8	8	186
105	HINDUSTAN SALTS LTD.	20	0	24	19	13	103	22	201
106	HLL LIFECARE LTD.	402	195	1374	704	362	0	1355	4392
107	HOOGHLY PRINTING COMPANY LTD.	8	0	2	24	9	0	0	43
108	NAGALAND PULP & PAPER COMPANY LTD.	66	0	24	0	91	0	0	181
109	NEPA LTD.	172	0	0	373	160	160	20	885
110	SAMBHAR SALTS LTD.	13	0	22	34	41	0	30	140
111	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	349	749	351	3208	4981	0	803	10441
SUB TOTAL :		1913	1380	2275	6706	19613	881	6630	39398
TEXTILES									
112	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0
113	BRITISH INDIA CORPORATION LTD.	75	46	263	666	159	0	0	1209
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0	0	22	22
115	NATIONAL TEXTILE CORPN. LTD.	461	211	88	5992	910	3388	1488	12538
SUB TOTAL :		536	257	351	6658	1069	3388	1510	13769
POWER GENERATION									
116	BHARTIYA RAIL BIJLEE CO. LTD.	212	0	0	10	0	1700	1700	3622
117	KANTI BIJLEE UTPADAN NIGAM LTD.	219	0	0	11	0	0	1398	1628
118	NHDC LTD.	301	0	33	101	111	0	0	546
119	NHPC LTD.	3665	0	170	2433	1083	0	7255	14606
120	NLC INDIA LTD.	4072	0	378	9072	924	0	12005	26451
121	NLC TAMIL NADU POWER LTD.	199	25	16	6	0	0	1513	1759
122	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	916	316	0	891	56	0	47	2226
123	NTPC LTD.	11479	0	93	7813	354	0	0	19739
124	NUCLEAR POWER CORPN. OF INDIA LTD.	4335	0	1895	5230	0	0	0	11460

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
125	PATRATU VIDYUT UTPADAN NIGAM LTD.	75	0	0	11	0	0	551	637
126	SJVN LTD.	767	10	279	488	63	0	1516	3123
127	THDC INDIA LTD.	822	0	115	685	300	0	1833	3755
SUB TOTAL :		27062	351	2979	26751	2891	1700	27818	89552
POWER TRANSMISSION									
128	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	0	0	0	0	0	0
129	POWER GRID CORPORATION OF INDIA LTD.	4079	0	2480	2268	73	0	565	9465
130	POWER GRID WARORA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
131	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	0	0	0	0	0	0
132	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	0	0	0	0
133	POWERGRID UNCHAHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
134	POWERGRID VIZAG TRANSMISSION LTD.	0	0	0	0	0	0	0	0
135	REC POWER DISTRIBUTION CO. LTD.	40	0	0	0	0	0	0	40
136	REC TRANSMISSION PROJECTS CO. LTD.	0	0	0	0	0	0	8	8
SUB TOTAL :		4119	0	2480	2268	73	0	573	9513
TRADING & MARKETING									
137	ANTRIX CORPORATION LTD.	19	0	4	0	52	0	52	127
138	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	160	4	0	10	93	0	144	411
139	COTTON CORPN. OF INDIA LTD.	89	699	0	0	0	0	90	878
140	FOOD CORPN. OF INDIA	5270	14644	0	2456	0	0	0	22370
141	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	16	0	31	27	21	126	15	236
142	HMT (INTERNATIONAL) LTD.	25	1	0	0	1	0	4	31
143	INDIA TRADE PROMOTION ORGANISATION	143	0	65	209	327	0	10	754
144	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	0	0	0	0	1
145	M M T C LTD.	450	637	0	22	18	0	0	1127
146	M S T C LTD.	213	112	0	0	0	0	0	325
147	NATIONAL FILM DEV. CORPN. LTD.	19	5	9	8	40	0	0	81
148	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	83	0	38	57	24	0	0	202
149	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	6	9	0	41	0	2	13	71
150	NORTH EASTERN REGIONAL AGRI. MARKETING CORP. LTD.	8	0	0	12	30	26	19	95
151	NTPC VIDYUT VYAPAR NIGAM LTD.	38	0	0	1	0	0	0	39
152	P E C LTD.	100	8	0	0	2	0	57	167
153	STATE TRADING CORPN. OF INDIA LTD.	402	0	0	131	58	13	170	774
154	STCL LTD.	5	3	0	2	1	0	0	11

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
155	TAMIL NADU TRADE PROMOTION ORGANISATION	5	0	0	0	0	0	198	203
156	THE JUTE CORPN. OF INDIA LTD.	45	31	36	123	43	167	15	460
SUB TOTAL :		7097	16153	183	3099	710	334	787	28363
TRANSPORT AND LOGISTIC SERVICES									
157	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	0	0	0	0	0	0	48	48
158	AIR INDIA AIR TRANSPORT SERVICES LTD.	15	103	171	5099	1854	0	0	7242
159	AIR INDIA ENGINEERING SERVICES LTD.	440	0	4000	0	0	0	0	4440
160	AIR INDIA EXPRESS LTD.	12	0	0	1223	6	0	0	1241
161	AIR INDIA LTD.	4481	1154	400	3417	2375	2083	0	13910
162	AIRLINE ALLIED SERVICES LTD.	90	28	0	484	0	0	0	602
163	AIRPORTS AUTHORITY OF INDIA	8751	2611	0	3276	2897	0	0	17535
164	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	0	42	42
165	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	58	0	0	0	0	0	0	58
166	CENTRAL WAREHOUSING CORPN.	297	860	931	1001	481	0	93	3663
167	CHANDIGARH INTERNATIONAL AIRPORT LTD.	2	0	0	0	0	0	1	3
168	CONCOR AIR LTD.	0	0	0	0	0	0	1	1
169	CONTAINER CORPORATION OF INDIA LTD.	336	0	229	910	0	0	0	1475
170	DREDGING CORPN. OF INDIA LTD.	276	9	0	108	34	0	369	796
171	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	2	2	0	0	4
172	GAIL (INDIA) LTD.	3598	162	0	669	57	0	19924	24410
173	GAIL GAS LTD.	0	0	0	0	0	0	0	0
174	KAMARAJAR PORT LTD.	58	0	0	40	0	0	0	98
175	PAWAN HANS LTD.	186	146	0	86	0	0	288	706
176	PETRONET CCK LTD.	29	0	0	14	0	45	89	177
177	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	0	0
178	SHIPPING CORPORATION OF INDIA LTD.	641	88	0	0	0	0	25	754
179	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	8	8
SUB TOTAL :		19270	5161	5731	16329	7706	2128	20888	77213
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES									
180	AGRINNOVATE INDIA LTD.	2	0	0	0	0	0	5	7
181	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	57	36	7	135	115	235	0	585
182	BRIDGE & ROOF CO.(INDIA) LTD.	685	341	0	209	9	0	0	1244
183	BROADCAST ENGG. CONSULTANTS INDIA LTD.	38	0	28	0	0	0	147	213
184	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	931	1101	0	637	710	1347	1134	5860

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
185	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	66	0	3	0	0	0	132	201
186	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0	0	0	0	0	0
187	EdCIL(India) Ltd.	74	0	10	17	10	0	61	172
188	ENGINEERING PROJECTS (INDIA) LTD.	313	0	27	16	3	0	71	430
189	ENGINEERS INDIA LTD.	1019	0	1607	200	1	0	0	2827
190	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	0	0	0	0	0	0
191	HINDUSTAN PREFAB LTD.	30	55	0	94	44	0	132	355
192	HINDUSTAN STEELWORKS COSTN. LTD.	21	0	1	1	2	0	568	593
193	HLL INFRA TECH SERVICES LTD.	146	0	11	0	0	0	237	394
194	HSCC (INDIA) LTD.	143	11	30	0	0	0	130	314
195	IIFCL PROJECTS LTD.	16	0	0	0	0	0	0	16
196	IRCON INFRASTRUCTURE & SERVICES LTD.	11	0	44	1	0	0	38	94
197	IRCON INTERNATIONAL LTD.	732	0	261	182	448	90	358	2071
198	IRCON PB TOLLWAY LTD.	0	0	0	0	0	0	0	0
199	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	0	0	0	0	1	1
200	KONKAN RAILWAY CORPORATION LTD.	224	2396	0	1836	797	0	218	5471
201	MECON LTD.	1163	152	0	0	0	39	1337	2691
202	MINERAL EXPLORATION CORPN. LTD.	336	243	0	536	0	17	759	1891
203	MUMBAI RAILWAY VIKAS CORPORATION LTD.	82	0	175	10	21	0	0	288
204	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	0	0	0	0	0	190	262
205	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	264	154	0	263	90	0	0	771
206	NATIONAL RESEARCH DEVELOPMENT CORPN.	32	9	0	9	12	0	21	83
207	NATIONAL SMALL INDUSTRIES CORPN. LTD.	519	132	0	104	59	0	20	834
208	NBCC (INDIA) LTD.	441	169	529	806	0	0	107	2052
209	NBCC ENGINEERING AND CONSULTANCY LTD.	19	0	0	2	0	0	0	21
210	NBCC SERVICES LTD.	0	0	0	0	0	0	0	0
211	PFC CAPITAL ADVISORY SERVICE LTD.	0	0	0	0	0	0	0	0
212	PFC CONSULTING LTD.	0	0	0	0	0	0	0	0
213	POWER SYSTEM OPERATION CORPORATION LTD.	369	0	47	63	0	0	211	690
214	PROJECTS & DEVELOPMENT INDIA LTD.	324	0	21	7	0	0	104	456
215	RAIL VIKAS NIGAM LTD.	507	0	0	7	26	0	0	540
216	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	0	0	0	0	0

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
217	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0	0	0	0
218	RITES LTD.	1551	0	241	224	200	0	842	3058
219	SOLAR ENERGY CORPORATION OF INDIA	63	0	7	0	0	0	61	131
220	TCIL BINA TOLL ROAD LTD.	0	0	0	0	30	0	0	30
221	TCIL LAKHNADONE TOLL ROAD LTD.	0	0	0	0	0	0	9	9
222	WAPCOS LTD.	652	17	60	109	85	0	2594	3517
SUB TOTAL :		10902	4816	3109	5468	2662	1728	9487	38172
HOTEL AND TOURIST SERVICES									
223	DONYI POLO ASHOK HOTEL LTD.	3	3	0	20	0	0	16	42
224	HOTEL CORPN. OF INDIA LTD.	41	24	140	225	310	213	214	1167
225	INDIA TOURISM DEV. CORPN. LTD.	200	40	0	678	105	0	60	1083
226	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	295	0	512	654	0	0	0	1461
227	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	6	8	0	0	26	41
228	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	0	32	0	0	0	10	42
229	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		540	67	690	1585	415	213	326	3836
FINANCIAL SERVICES									
230	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0
231	BIOTECHNOLOGY INDUSTRY RE-RESEARCH ASSISTANCE COUNCIL	33	0	0	10	0	0	0	43
232	E. C. G. C. LTD.	253	326	0	0	31	52	0	662
233	EASTERN INVESTMENT LTD.	2	0	0	0	0	0	0	2
234	HOUSING & URBAN DEV. CORPN. LTD.	625	0	89	50	105	0	0	869
235	IIFCL ASSET MANAGEMENT COMPANY LTD.	6	0	0	0	0	0	0	6
236	INDIA INFRASTRUCTURE FINANCE CO. LTD.	85	0	0	0	1	0	1	87
237	INDIAN RAILWAY FINANCE CORPORATION LTD.	10	0	8	3	3	1	24	49
238	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	127	0	4	1	18	0	42	192
239	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	12	0	4	0	0	0	0	16
240	KUMARAKRUPPA FRONTIER HOTELS LTD.	2	0	0	1	0	0	0	3
241	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	15	0	13	17	0	0	0	45
242	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	14	0	1	16	5	0	0	36
243	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	9	0	4	3	14	0	0	30
244	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	11	0	0	9	3	0	28	51
245	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	37	33	8	0	0	0	0	78

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
246	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	25	0	6	21	0	0	0	52
247	PFC GREEN ENERGY LTD.	0	0	0	0	0	0	0	0
248	POWER FINANCE CORPORATION LTD.	387	0	87	22	2	0	0	498
249	RURAL ELECTRIFICATION CORPN. LTD.	414	0	0	52	62	0	0	528
SUB TOTAL :		2067	359	224	205	244	53	95	3247
TELECOMMUNICATION & INFORMATION TECHNOLOGY									
250	BHARAT BROADBAND NETWORK LTD.	128	0	0	0	0	0	130	258
251	BHARAT SANCHAR NIGAM LTD.	48455	0	0	135067	0	3469	0	186991
252	MAHANAGAR TELEPHONE NIGAM LTD.	3561	0	0	14839	6791	8	0	25199
253	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0
254	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	0	0	0	0
255	RAILTEL CORPORATION INDIA LTD.	522	0	5	10	0	0	249	786
256	RAILTEL ENTERPRISES LTD.	0	0	0	0	0	0	0	0
257	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	399	157	0	282	0	0	146	984
SUB TOTAL :		53065	157	5	150198	6791	3477	525	214218
ENTERPRISES UNDER CONSTRUCTION									
258	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0	0	0	0	0	0
259	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0	0	0	0	0	0
260	BHARAT PETRO RESOURCES JPDA	0	0	0	0	0	0	0	0
261	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	198	0	86	196	0	0	0	480
262	BIHAR INFRAPOWER LTD.	0	0	0	0	0	0	0	0
263	BIHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
264	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0	0	0	0	0	0
265	BPCL-KIAL FUEL PVT. LTD.	0	0	0	0	0	0	0	0
266	BUNDELKHAND SAUR URJA LTD.	8	0	0	0	0	0	0	8
267	CHANDIL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
268	CHEYYUR INFRA LTD.	0	0	0	0	0	0	0	0
269	CHHATTISGARH EAST RAILWAYS LTD.	7	3	0	0	0	0	1	11
270	CHHATTISGARH EAST-WEST RAILWAYS LTD.	7	3	0	0	0	0	1	11
271	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0	0	0	0	0	0
272	CHHATTISGARH SURGUJA POWER LTD.	0	0	0	0	0	0	0	0
273	COASTAL KARNATAKA POWER LTD.	0	0	0	0	0	0	0	0
274	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
275	COASTAL TAMIL NADU POWER LTD.	0	0	0	0	0	0	0	0
276	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	559	0	0	123	0	0	44	726

S.No.	Cognate Group / CPSE	Managerial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Unionised	Skilled	Unskilled			
277	DEOGHAR INFRA LTD.	0	0	0	0	0	0	0	0
278	DEOGHAR MEGA POWER LTD.	0	0	0	0	0	0	0	0
279	DINGCHANG TRANSMISSION LTD.	0	0	0	0	0	0	0	0
280	DUMKA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
281	GHATAMPUR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
282	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
283	GRID CONDUCTOR LTD.	0	0	0	0	0	0	0	0
284	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0	0	0	0	0	0
285	HLL MEDIPARK LTD	2	0	2	1	0	0	1	6
286	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0	17	0	0	17	34
287	HOOGLY COCHIN SHIPYARD LTD.	0	0	0	0	0	0	0	0
288	HPCL RAJASTHAN REFINERY LTD.	0	0	0	0	0	0	0	0
289	INDIAN CATALYST PVT. LTD.	0	0	0	0	0	0	0	0
290	INDO RUSSIAN HELICOPTERS LTD.	0	0	0	0	0	0	0	0
291	INLAND & COASTAL SHIPPING LTD.	0	0	0	0	0	0	0	0
292	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0	0	0	0	0	0	0
293	JAGDISHPUR PAPER MILLS LTD.	0	0	0	0	0	0	0	0
294	JHARKHAND CENTRAL RAILWAY LTD.	0	0	0	0	0	0	0	0
295	JHARKHAND INFRAPOWER LTD.	0	0	0	0	0	0	0	0
296	JHARKHAND KOLHAN STEEL LTD.	0	0	0	0	0	0	0	0
297	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0	0	0	0	0	0
298	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0	0	0	0	0	0
299	KODERMA TRANSMISSION LTD.	0	0	0	0	0	0	0	0
300	KOLKATA METRO RAIL CORPORATION LTD.	25	0	0	0	0	0	30	55
301	LOKTAK DOWNSTREAM HYDRO-ELECTRIC CORPORATION LTD.	16	0	1	4	0	0	57	78
302	MAHANADI BASIN POWER LTD.	2	0	1	1	0	0	0	4
303	MAHANADI COAL RAILWAY LTD.	0	0	0	0	0	0	0	0
304	MAMC INDUSTRIES LTD.	0	0	0	0	0	0	0	0
305	MANDAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0
306	MEDINIPUR-JEERAT TRANSMISSION LTD.	0	0	0	0	0	0	0	0
307	MJSJ COAL LTD.	1	1	0	0	0	0	0	2
308	MNH SHAKTI LTD.	0	1	0	0	0	0	0	1
309	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
310	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0	0	0	0	0	0
311	NBCC INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
312	NEYVELI UTTAR PRADESH POWER LTD	67	0	1	3	0	0	1658	1729
313	NMDC POWER LTD.	0	0	0	0	0	0	0	0
314	NMDC STEEL LTD.	0	0	0	0	0	0	0	0

S.No.	Cognate Group / CPSE	Manage- rial/ Executives	Supervisory		Non-Executives		Casual/ Daily Rated Workers	Contract Workers / Employees	Total
			Unionised	Non-Un- ionised	Skilled	Unskilled			
315	NMDC-CMDC LTD.	0	0	0	2	0	0	3	5
316	NPCIL - INDIAN OIL NUCLEAR EN- ERGY CORPORATION LTD.	0	0	0	0	0	0	0	0
317	NPCIL - NALCO POWER COMPANY LTD.	0	0	0	0	0	0	0	0
318	ODISHA INFRAPOWER LTD.	0	0	0	0	0	0	0	0
319	OIL INDIA INTERNATIONAL LTD.	0	0	0	0	0	0	0	0
320	ORISSA INTEGRATED POWER LTD.	0	0	0	0	0	0	0	0
321	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0	0	0	0	0	0
322	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0	0	0	0	0	0
323	POWER GRID JABALPUR TRANSMIS- SION LTD.	0	0	0	0	0	0	0	0
324	POWER GRID PARLI TRANSMISSION LTD.	0	0	0	0	0	0	0	0
325	POWER GRID SOUTHERN INTERCON- NECTOR TRANSMISSION SYSTEM LTD.	0	0	0	0	0	0	0	0
326	POWER GRID VEMAGIRI TRANSMIS- SION LTD.	0	0	0	0	0	0	0	0
327	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0	0	0	0	0	0
328	SAGARMALA DEVELOPMENT COM- PANY LTD.	0	0	0	0	0	0	0	0
329	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0	0	0	0	0	0
330	SETHUSAMUDRAM CORPN. LTD.	0	0	0	5	3	0	8	16
331	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	0	0	0	0	0	0
332	SJVN THERMAL PVT. LTD.	43	0	4	17	2	0	47	113
333	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0	0	0	0	0	0
334	TANDA TRANSMISSION COMPANY LTD.	0	0	0	0	0	0	0	0
335	TATTIYA ANDHRA MEGA POWER LTD.	0	0	0	0	0	0	0	0
336	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	0	0	0	0	0	0
337	WR-NR POWER TRANSMISSION LTD	0	0	0	0	0	0	0	0
338	YULE ELECTRICAL LTD.	0	0	0	0	0	0	0	0
339	YULE ENGINEERING COMPANY LTD.	0	0	0	0	0	0	0	0
SUB TOTAL :		935	8	95	369	5	0	1867	3279
GRAND TOTAL :		266478	79096	29629	521778	191159	40060	338494	1466694

STATEMENT - 23
TOWNSHIP MAINTENANCE EXPENDITURE IN CPSEs (COGNATE GROUP)

(₹ in Crore)

S.No	Cognate Group	TOWNSHIP MAINTAINANCE						Social Overheads	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	on Education, Medical and Cultural Activities		
1	AGRO BASED INDUSTRIES	0	0	0	0	0	0	0	0	
2	COAL	812.81	60.63	0	873.44	52.3	821.14	1271.3	2092.44	
3	CRUDE OIL	0	0	0	0	0	0	0	0	
4	OTHER MINERALS & METALS	88.08	35.67	0	123.75	15.15	108.6	227.36	335.96	
5	STEEL	131.72	11.2	0	142.92	11.86	131.06	56.73	187.79	
6	PETROLEUM (REFINERY & MARKETING)	513.6	59.91	19.94	593.45	24.11	569.34	192.97	762.31	
7	FERTILIZERS	31.45	8.33	0	39.78	18.38	21.4	72.88	94.28	
8	CHEMICALS & PHARMACEUTICALS	5.55	9.63	0	15.18	2.91	12.27	0.37	12.64	
9	HEAVY & MEDIUM ENGINEERING	238.78	36.44	4.11	279.33	71.62	207.71	219.94	427.65	
10	TRANSPORTATION VEHICLE & EQUIPMENT	8.02	0.78	0	8.8	0.28	8.52	0	8.52	
11	INDUSTRIAL AND CONSUMER GOODS	57.31	4.24	0	61.55	2.62	58.93	62.22	121.15	
12	TEXTILES	0.01	0	0	0.01	0.04	-0.03	3.42	3.39	
13	POWER GENERATION	613.91	136.2	20.79	770.9	74.59	696.31	508.28	1204.59	
14	POWER TRANSMISSION	25.66	21.84	0	47.5	9.93	37.57	171.69	209.26	
15	TRADING & MARKETING	2.39	1.26	0	3.65	0.15	3.5	5.87	9.37	
16	TRANSPORT AND LOGISTIC SERVICES	51.65	16.8	0	68.45	6.36	62.09	65.05	127.14	
17	CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES	33.34	4.53	0	37.87	7.64	30.23	47.04	77.27	
18	HOTEL AND TOURIST SERVICES	0	0	0	0	0	0	0.11	0.11	
19	FINANCIAL SERVICES	0	0	0	0	3.69	-3.69	15.27	11.58	
20	TELECOMMUNICATION & INFORMATION TECHNOLOGY	0	0	0	0	0.04	-0.04	1.35	1.31	
21	ENTERPRISES UNDER CONSTRUCTION	2.14	3.26	0	5.4	0.43	4.97	0.57	5.54	
GRAND TOTAL :		2616.42	410.72	44.84	3071.98	302.1	2769.88	2922.42	5692.3	
								Total Net Expenditure	=	5692.3
								Add Rent Receipts and Other Income	=	302.1
								Total Gross Expenditure	=	5994.4

STATEMENT - 24

Representation of SCs, STs and OBCs in the CPSEs under different Ministries/Departments as on 31.3.2018

S.N.	Ministry / Deptt. / CPSE	Group A Managerial/ Executives Level						Group B Supervisory Level						Group C Workers (Skilled)						Group D Workers (Un-Skilled)						Total Employees			
		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	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	Total	SCs	STs	OBCs
MINISTRY OF AGRICULTURE AND FARMERS WELFARE																													
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE																													
1	NATIONAL SEEDS CORPN. LTD.	250	39	10	39	68	7	3	3	498	86	17	87	650	162	21	194	1466	294	51	323								
	SUB TOTAL :	250	39	10	39	68	7	3	3	498	86	17	87	650	162	21	194	1466	294	51	323								
MINISTRY OF AGRICULTURE AND FARMERS WELFARE																													
D/O AGRICULTURE RESEARCH AND EDUCATION																													
2	AGRINNOVATE INDIA LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0								
	SUB TOTAL :	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0								
MINISTRY OF AYUSH																													
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	23	4	0	0	106	18	1	1	0	0	0	0	0	0	0	0	129	22	1	1								
	SUB TOTAL :	23	4	0	0	106	18	1	1	0	0	0	0	0	0	0	129	22	1	1									
MINISTRY OF CHEMICALS & FERTILIZERS																													
D/O CHEMICALS & PETROCHEMICALS																													
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.	426	61	26	111	192	21	28	65	0	0	0	0	0	0	0	0	618	82	54	176								
5	HIL (INDIA) LTD.	2	0	0	0	272	23	3	28	570	101	20	213	51	21	30	39	895	145	53	280								
6	HINDUSTAN FLUOROCARBONS LIMITED	69	6	3	14	0	0	0	0	18	3	2	6	53	6	12	6	140	15	17	26								
7	HINDUSTAN ORGANIC CHEMICALS LTD.	207	15	5	12	33	6	1	2	173	16	3	36	57	9	2	9	470	46	11	59								
	SUB TOTAL :	704	82	34	137	497	50	32	95	761	120	25	255	161	36	44	54	2123	288	135	541								
MINISTRY OF CHEMICALS & FERTILIZERS																													
D/O FERTILIZER																													
8	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	411	36	46	122	0	0	0	0	191	12	34	68	8	4	0	1	610	52	80	191								
9	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	28	4	0	6	0	0	0	0	13	1	0	3	3	0	0	0	44	5	0	9								
10	FERTILIZER CORPN. OF INDIA LTD.	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0								
11	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	646	81	25	139	0	0	0	0	1056	28	17	427	261	40	6	117	1963	149	48	683								

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12	HINDUSTAN FERTILIZER CORPN. LTD.	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	
13	MADRAS FERTILIZERS LTD.	388	0	0	0	0	87	6	17	215	52	1	109	29	22	0	1	632	161	7	127					
14	NATIONAL FERTILIZERS LTD.	1684	344	110	164	0	0	0	0	1659	418	98	214	87	72	1	3	3430	834	209	381					
15	PROJECTS & DEVELOPMENT INDIA LTD.	324	47	17	66	21	4	1	5	7	3	0	0	0	0	0	0	352	54	18	71					
16	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	894	148	31	92	1615	211	131	121	699	109	62	152	129	14	12	47	3337	482	236	412					
	SUB TOTAL :	4375	660	229	589	1641	303	138	143	3840	623	212	973	517	152	19	169	10373	1738	598	1874					
	MINISTRY OF CHEMICALS & FERTILIZERS																									
	D/O PHARMACEUTICALS																									
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	62	6	1	4	59	3	1	3	83	14	0	1	44	7	0	1	248	30	2	9					
18	HINDUSTAN ANTI-BIOTICS LTD.	193	21	5	16	6	0	0	2	557	76	20	97	216	50	13	22	972	147	38	137					
19	IDPL (TAMILNADU) LTD.	7	0	0	0	0	0	0	0	32	0	0	0	73	0	0	0	112	0	0	0					
20	INDIAN DRUGS & PHARMACEUTICALS LTD.	10	1	0	0	18	0	0	0	0	0	0	0	0	0	0	0	28	1	0	0					
21	KARNATAKA ANTI-BIOTICS & PHARMACEUTICALS LTD.	241	37	2	36	0	0	0	0	227	57	13	93	249	0	0	0	717	94	15	129					
22	ORISSA DRUGS & CHEMICALS LTD.	5	0	0	0	3	1	0	0	22	1	0	5	10	1	0	0	40	3	0	5					
23	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	24	2	0	4	33	6	2	5	101	18	15	15	2	0	0	0	160	26	17	24					
	SUB TOTAL :	542	67	8	60	119	10	3	10	1022	166	48	211	594	58	13	23	2277	301	72	304					
	MINISTRY OF CIVIL AVIATION																									
24	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
25	AIR INDIA AIR TRANSPORT SERVICES LTD.	15	1	0	1	274	55	11	57	5099	1038	248	1193	1854	381	56	306	7242	1475	315	1557					
26	AIR INDIA ENGINEERING SERVICES LTD.	440	0	0	0	4000	0	0	0	0	0	0	0	0	0	0	0	4440	0	0	0					

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27	AIR INDIA EXPRESS LTD.	12	1	0	0	0	0	0	0	1223	0	65	309	6	83	0	0	1241	84	65	0	84	65	309		
28	AIR INDIA LTD.	4481	0	0	0	1554	0	0	0	3417	0	0	0	2375	0	0	0	11827	0	0	0	0	0	0		
29	AIRLINE ALLIED SERVICES LTD.	90	2	2	6	28	2	0	3	484	52	21	98	0	0	0	602	56	23	107	56	23	107			
30	AIRPORTS AUTHORITY OF INDIA	8751	0	597	1975	2611	0	195	394	3276	667	319	977	2897	1167	190	17535	1834	1301	3721	1834	1301	3721			
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	1	0	0			
32	HOTEL CORPN. OF INDIA LTD.	41	7	4	0	164	16	7	10	225	66	22	24	310	86	22	740	175	55	62	175	55	62			
33	PAWAN HANS LTD.	186	14	4	14	146	33	15	13	86	23	17	10	0	0	0	418	70	36	37	70	36	37			
	SUB TOTAL :	14018	26	607	1996	8777	106	228	477	13810	1846	692	2611	7442	1717	268	44047	3695	1795	5793	3695	1795	5793			
MINISTRY OF COAL																										
34	BHARAT COKING COAL LTD.	2195	273	69	270	5416	988	1987	10168	18445	6047	4698	4340	22691	801	1732	48747	8109	8486	14778	8109	8486	14778			
35	CENTRAL COALFIELDS LTD.	2402	277	158	403	3206	147	124	380	14760	3197	2591	4418	20409	5443	3736	40777	9064	6609	9990	9064	6609	9990			
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	931	102	40	194	1101	40	16	42	637	288	204	463	710	0	0	3379	430	260	699	430	260	699			
37	COAL INDIA LTD.	511	26	9	19	276	0	0	0	701	12	6	19	556	74	89	2044	112	104	122	112	104	122			
38	EASTERN COALFIELDS LTD.	2217	347	105	233	4197	238	123	431	23649	8746	3952	9275	31733	7656	3885	61796	16987	8065	16409	16987	8065	16409			
39	MAHANADI COALFIELDS LTD.	1882	257	128	388	3422	276	178	80	8407	813	449	80	8719	898	783	22430	2244	1538	752	2244	1538	752			
40	NLC INDIA LTD.	4072	839	308	490	378	83	4	171	9072	1706	89	2650	924	202	2	14446	2830	403	3811	2830	403	3811			
41	NLC TAMIL NADU POWER LTD.	199	38	15	29	41	9	3	12	6	0	0	2	0	0	0	246	47	18	43	47	18	43			
42	NORTHERN COALFIELDS LTD.	1788	227	49	172	1801	368	198	346	10615	1368	770	1068	853	463	286	15057	2426	1303	1962	2426	1303	1962			
43	SOUTH EASTERN COALFIELDS LTD.	3080	403	147	404	9198	501	584	670	28396	5206	5955	8417	17469	3610	5066	58143	9720	11752	13048	9720	11752	13048			
44	WESTERN COALFIELDS LTD.	2475	409	85	240	7802	861	258	2247	19060	4275	1578	2364	16326	1690	682	45663	7235	2603	14373	7235	2603	14373			
	SUB TOTAL :	21752	3198	1113	2842	36838	3511	3475	14547	133748	31658	20292	33096	120390	20837	16261	312728	59204	41141	75987	59204	41141	75987			
MINISTRY OF COMMERCE & INDUSTRY																										
D/O COMMERCE																										
45	E. C. G. LTD.	253	41	14	40	326	58	26	71	0	0	0	0	31	10	3	610	109	43	113	109	43	113			
46	INDIA TRADE PROMOTION ORGANISATION	143	29	6	13	65	14	3	1	209	42	5	21	327	110	3	744	195	17	45	195	17	45			

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47	KARNATAKA TRADE PROMOTION ORGANISATION	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
48	M M T C LTD.	450	86	34	37	637	137	72	47	22	0	0	18	8	0	30	1127	231	106	114	1127	231	106	114		
49	P E C LTD.	100	19	7	17	8	2	0	2	0	0	0	2	1	0	0	110	22	7	19	110	22	7	19		
50	STATE TRADING CORPN. OF INDIA LTD.	402	93	22	41	0	0	0	0	131	29	15	9	58	25	6	591	147	43	54	591	147	43	54		
51	STCL LTD.	5	0	0	1	3	0	0	2	2	0	0	1	0	0	0	11	0	0	3	11	0	0	3		
52	TAMIL NADU TRADE PROMOTION ORGANISATION	5	1	0	4	0	0	0	0	0	0	0	0	0	0	0	5	1	0	4	5	1	0	4		
	SUB TOTAL :	1359	269	83	154	1039	211	101	123	364	71	20	30	437	154	12	3199	705	216	353	3199	705	216	353		
	MINISTRY OF COMMERCE & INDUSTRY																									
	D/O INDUSTRIAL POLICY & PROMOTION																									
53	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	12	0	0	0	4	0	0	0	0	0	0	0	0	0	0	16	0	0	0	16	0	0	0		
	SUB TOTAL :	12	0	0	0	4	0	0	0	0	0	0	0	0	0	0	16	0	0	0	16	0	0	0		
	MINISTRY OF COMMUNICATION																									
	D/O TELECOMMUNICATIONS																									
54	BHARAT BROADBAND NETWORK LTD.	128	19	6	17	0	0	0	0	0	0	0	0	0	0	0	128	19	6	17	128	19	6	17		
55	BHARAT SANGHAR NIGAM LTD.	48455	8315	2721	8531	0	0	0	0	135067	25383	7176	12708	0	0	0	183522	33698	9897	21239	183522	33698	9897	21239		
56	I T I LTD.	2618	414	47	276	0	0	0	0	955	182	6	153	3	2	0	3576	598	53	430	3576	598	53	430		
57	MAHANAGAR TELEPHONE NIGAM LTD.	3561	552	124	127	0	0	0	0	14839	2336	256	56	6791	1676	518	25191	4564	898	185	25191	4564	898	185		
58	MILLENNIUM TELECOM LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
59	TCIL BINA TOLL ROAD LTD.	0	0	0	0	0	0	0	0	30	0	0	0	30	0	0	30	0	0	0	30	0	0	0		
60	TCIL LAKHNAONE TOLL ROAD LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
61	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	399	59	21	58	157	21	6	23	282	45	0	60	0	0	4	838	125	31	141	838	125	31	141		
	SUB TOTAL :	55161	9359	2919	9009	157	21	6	23	151143	27946	7438	12977	6824	1678	522	213285	39004	10885	22012	213285	39004	10885	22012		
	MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION																									
	D/O FOOD & PUBLIC DISTRIBUTION																									
62	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	58	5	2	13	0	0	0	0	0	0	0	0	0	0	0	58	5	2	13	58	5	2	13		

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63	CENTRAL WAREHOUSING CORPN.	297	51	18	34	1791	332	93	101	1001	183	85	175	481	180	36	52	3570	746	232	362					
64	FOOD CORPN. OF INDIA	5270	1104	851	701	14644	3148	1349	4229	2456	898	391	252	0	0	0	0	22370	5150	2591	5182					
	SUB TOTAL :	5625	1160	871	748	16435	3480	1442	4330	3457	1081	476	427	481	180	36	52	25998	5901	2825	5557					
MINISTRY OF DEFENCE																										
D/O DEFENCE PRODUCTION																										
65	BEL OPTRONICS DEVICES LTD.	39	1	0	11	0	0	0	0	98	10	2	40	0	0	0	0	137	11	2	51					
66	BEL-THALES SYSTEMS LTD.	10	0	1	2	3	0	0	0	0	0	0	0	0	0	0	0	13	0	1	2					
67	BELM LTD.	2187	395	113	502	2891	444	77	447	2471	756	195	504	173	73	9	11	7722	1668	394	1464					
68	BHARAT DYNAMICS LTD.	877	155	87	158	0	0	0	0	1952	342	111	536	266	71	18	102	3095	568	216	796					
69	BHARAT ELECTRONICS LTD.	5695	1048	352	1277	220	15	0	23	3578	655	142	830	233	42	24	43	9726	1760	518	2173					
70	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	482	89	25	107	229	40	10	34	1202	242	36	97	301	124	24	23	2214	495	95	261					
71	GOA SHIPYARD LTD.	258	30	19	51	176	9	8	20	759	42	63	135	220	24	15	20	1413	105	105	226					
72	HINDUSTAN AERONAUTICS LTD.	8799	1562	529	2078	0	0	0	0	20221	3519	1473	5246	342	4	0	6	29362	5085	2002	7330					
73	HINDUSTAN SHIPYARD LTD.	335	72	33	88	308	58	44	43	526	107	42	130	9	5	0	1	1178	242	119	262					
74	MAZAGON DOCK SHIPBUILDERS LTD.	1124	209	66	298	439	39	8	25	3235	331	191	450	3	1	1	0	4801	580	266	773					
75	MISHRA DHATU NIGAM LTD.	271	45	15	59	71	10	4	15	266	47	25	104	241	51	21	104	849	153	65	282					
76	NAINI AEROSPACE LTD.	12	0	0	2	113	26	0	32	0	0	0	0	11	2	0	0	136	28	0	34					
77	VIGNAN INDUSTRIES LTD.	13	1	1	5	0	0	0	0	58	3	0	43	24	4	2	6	95	8	3	54					
	SUB TOTAL :	20102	3607	1241	4638	4450	641	151	639	34366	6054	2280	8115	1823	401	114	316	60741	10703	3786	13708					
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION																										
78	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV. CORPN. LTD.	6	0	0	0	9	0	0	0	41	0	0	0	0	0	0	0	56	0	0	0					
79	NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	8	0	0	0	0	0	0	0	12	3	2	2	30	5	8	1	50	8	10	3					
	SUB TOTAL :	14	0	0	0	9	0	0	0	53	3	2	2	30	5	8	1	106	8	10	3					

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MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY																										
80	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SUB TOTAL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE																										
81	ANDAMAN & NICOBAR ISL. FOREST & PLANT. DEV.CORPLTD	6	0	0	0	218	0	17	0	705	0	2	0	0	0	0	0	0	0	0	0	929	0	19	0	0
	SUB TOTAL :	6	0	0	0	218	0	17	0	705	0	2	0	0	0	0	0	0	0	0	0	929	0	19	0	0
MINISTRY OF FINANCE																										
D/O FINANCIAL SERVICES																										
82	IIFCL ASSET MANAGEMENT COMPANY LTD.	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	1
83	IIFCL PROJECTS LTD.	16	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	1	0	0	1
84	INDIA INFRASTRUCTURE FINANCE CO. LTD.	85	11	2	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	86	11	2	18	18
	SUB TOTAL :	107	12	2	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	108	12	2	20	20
MINISTRY OF FINANCE																										
D/O ECONOMIC AFFAIRS																										
85	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	349	56	19	61	1100	155	89	150	3208	744	360	542	4981	912	354	472	9638	1867	822	1225	1867	822	1225	1225	
	SUB TOTAL :	349	56	19	61	1100	155	89	150	3208	744	360	542	4981	912	354	472	9638	1867	822	1225	1867	822	1225	1225	
MINISTRY OF HEALTH & FAMILY WELFARE																										
DEPARTMENT OF HEALTH AND FAMILY WELFARE																										
86	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	30	0	0	11	45	0	0	22	3	0	0	3	107	7	0	78	185	7	0	114	185	7	0	114	
87	HLL BIOTECH LTD.	126	0	0	0	43	0	0	0	33	0	0	0	0	0	0	0	202	0	0	0	202	0	0	0	0
88	HLL INFRA TECH SERVICES LTD.	146	13	3	30	11	0	0	0	0	0	0	0	0	0	0	0	157	13	3	30	157	13	3	30	30
89	HLL LIFECARE LTD.	402	46	6	72	1569	29	22	35	704	103	22	190	362	81	29	131	3037	259	79	428	3037	259	79	428	
90	HSCC (INDIA) LTD.	143	17	1	29	41	11	0	2	0	0	0	0	0	0	0	0	184	28	1	31	184	28	1	31	
	SUB TOTAL :	847	76	10	142	1709	40	22	59	740	103	22	193	469	88	29	209	3765	307	83	603	3765	307	83	603	
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES																										
D/O HEAVY INDUSTRIES																										
91	ANDREW YULE & COMPANY LTD.	216	25	7	32	523	32	32	187	284	0	31	65	13708	2290	4012	6604	14731	2347	4082	6888	2347	4082	6888	6888	

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92	BHARAT HEAVY ELECTRICALS LTD.	10943	1932	866	2557	7285	1398	497	1852	18595	4169	1218	7519	717	115	8	172	37540	7614	2589	12100					
93	BHARAT PUMPS & COMPRESSORS LTD.	86	10	1	16	16	6	0	8	287	49	2	96	2	0	0	0	391	65	3	120					
94	BHEL ELECTRICAL MACHINES LTD.	17	2	0	10	17	0	6	5	117	0	4	88	17	10	2	10	168	12	12	113					
95	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	57	5	0	2	43	1	0	1	135	0	0	0	115	1	0	0	350	7	0	3					
96	BRIDGE & ROOF CO.(INDIA) LTD.	685	102	3	47	341	20	1	10	209	18	4	9	9	7	0	0	1244	147	8	66					
97	CEMENT CORPN. OF INDIA LTD.	164	21	3	24	187	25	12	37	289	52	51	62	0	0	0	0	640	98	66	123					
98	ENGINEERING PROJECTS (INDIA) LTD.	313	54	11	48	27	5	0	6	16	4	0	7	3	0	0	1	359	63	11	62					
99	HEAVY ENGINEERING CORPN. LTD.	713	172	82	115	121	49	18	7	505	75	166	113	49	9	20	0	1388	305	286	235					
100	HINDUSTAN CABLES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
101	HINDUSTAN NEWSPRINT LTD.	91	5	0	21	24	2	0	2	212	18	1	74	123	21	1	67	450	46	2	164					
102	HINDUSTAN PAPER CORPORATION LTD.	302	27	27	116	132	12	12	8	1321	155	155	0	85	13	13	0	1840	207	207	124					
103	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	6	1	1	0	48	13	2	34	84	21	5	28	32	22	0	8	170	57	8	70					
104	HINDUSTAN SALTS LTD.	20	1	0	3	24	3	0	7	19	4	2	5	13	2	1	1	76	10	3	16					
105	HMT (INTERNATIONAL) LTD.	25	3	1	4	1	0	0	0	0	0	0	0	1	0	0	0	27	3	1	4					
106	HMT BEARINGS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
107	HMT CHINAR WATCHES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
108	HMT LTD.	32	5	1	3	8	3	0	3	61	9	1	9	0	0	0	0	101	17	2	15					
109	HMT MACHINE TOOLS LTD.	415	66	14	63	296	47	19	94	583	119	24	211	132	40	7	46	1426	272	64	414					
110	HMT WATCHES LTD.	0	0	0	0	0	0	0	0	145	27	4	4	0	0	0	0	145	27	4	4					
111	HOOGHLY PRINTING COMPANY LTD.	8	0	0	0	2	0	0	0	24	0	0	0	9	2	0	0	43	2	0	0					
112	INSTRUMENTATION LTD.	157	26	8	22	328	60	17	64	158	27	6	59	69	19	1	24	712	132	32	169					
113	NAGALAND PULP & PAPER COMPANY LTD.	66	0	0	0	24	0	0	0	91	0	0	0	0	0	0	0	181	0	0	0					

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114	NEPA LTD.	172	8	4	23	0	0	0	0	373	41	8	40	160	0	0	0	0	705	49	12	63				
115	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	85	7	3	19	74	21	1	9	56	11	4	18	27	9	2	11	242	48	10	57					
116	RICHARDSON & CRUDDAS(1972) LTD.	4	0	0	0	4	1	0	0	3	0	0	0	0	0	0	0	11	1	0	0					
117	SAMBHAR SALTS LTD.	13	2	1	1	22	2	1	3	34	4	4	15	41	12	1	25	110	20	7	44					
118	SCOOTERS INDIA LTD.	76	13	1	15	12	0	0	0	66	39	0	25	23	0	0	20	177	52	1	60					
119	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	SUB TOTAL :	14666	2487	1034	3141	9559	1700	618	2337	23576	4842	1690	8447	15426	2572	4068	6989	63227	11601	7410	20914					
	MINISTRY OF HOME AFFAIRS																									
120	DELHI POLICE HOUSING CORPORATION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	SUB TOTAL :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	MINISTRY OF HOUSING & URBAN AFFAIRS																									
121	HINDUSTAN PREFAB LTD.	30	9	0	1	55	14	4	4	94	42	5	1	44	14	0	2	223	79	9	8					
122	HINDUSTAN STEELWORKS COSTN. LTD.	21	1	0	2	1	0	0	0	1	0	0	0	2	0	0	1	25	1	0	3					
123	HOUSING & URBAN DEV. CORPN. LTD.	625	103	28	66	89	13	11	16	50	9	5	7	105	31	15	7	869	156	59	96					
124	NBCC (INDIA) LTD.	441	78	14	52	698	120	41	148	806	137	3	44	0	0	0	0	1945	335	58	244					
125	NBCC ENGINEERING AND CONSULTANCY LTD.	19	1	0	0	0	0	0	0	2	0	1	0	0	0	0	0	21	1	1	0					
126	NBCC SERVICES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	SUB TOTAL :	1136	192	42	121	843	147	56	168	953	188	14	52	151	45	15	10	3083	572	127	351					
	MINISTRY OF HUMAN RESOURCE DEVELOPMENT																									
	D/O HIGHER EDUCATION																									
127	EdCIL (India) Ltd.	74	12	4	17	10	3	0	2	17	14	0	2	10	8	1	0	111	37	5	21					
	SUB TOTAL :	74	12	4	17	10	3	0	2	17	14	0	2	10	8	1	0	111	37	5	21					
	MINISTRY OF INFORMATION & BROADCASTING																									
128	BROADCAST ENGG. CONSULTANTS INDIA LTD.	38	7	1	3	28	13	1	3	0	0	0	0	0	0	0	0	66	20	2	6					
129	NATIONAL FILM DEV. CORPN. LTD.	19	6	0	1	14	3	0	2	8	2	0	2	40	12	0	10	81	23	0	15					
	SUB TOTAL :	57	13	1	4	42	16	1	5	8	2	0	2	40	12	0	10	147	43	2	21					

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MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES																										
130	NATIONAL SMALL INDUSTRIES CORPN. LTD.	519	86	16	92	132	14	2	22	104	25	2	16	59	20	0	8	814	145	20	138					
	SUB TOTAL :	519	86	16	92	132	14	2	22	104	25	2	16	59	20	0	8	814	145	20	138					
MINISTRY OF MINES																										
131	HINDUSTAN COPPER LTD.	564	73	21	88	41	5	2	7	1362	207	250	202	541	135	62	21	2508	420	335	318					
132	MINERAL EXPLORATION CORPN. LTD.	336	48	15	67	243	45	20	47	536	99	37	99	0	0	0	0	1115	192	72	213					
133	NATIONAL ALUMINIUM COMPANY LTD.	1812	259	141	216	681	121	123	49	3690	627	837	485	593	97	147	78	6776	1104	1248	828					
	SUB TOTAL :	2712	380	177	371	965	171	145	103	5588	933	1124	786	1134	232	209	99	10399	1716	1655	1359					
MINISTRY OF MINORITIES AFFAIRS																										
134	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	9	2	1	1	4	8	0	5	3	0	0	0	14	0	0	0	30	10	1	6					
	SUB TOTAL :	9	2	1	1	4	8	0	5	3	0	0	0	14	0	0	0	30	10	1	6					
MINISTRY OF NEW AND RENEWABLE ENERGY																										
135	INDIAN RENEWABLE ENERGY DEVT. AGENCY LTD.	127	18	8	20	4	2	0	0	1	0	0	0	18	4	1	3	150	24	9	23					
136	SOLAR ENERGY CORPORATION OF INDIA	63	3	2	11	7	2	0	0	0	0	0	0	0	0	0	0	70	5	2	11					
	SUB TOTAL :	190	21	10	31	11	4	0	0	1	0	0	0	18	4	1	3	220	29	11	34					
MINISTRY OF PETROLEUM & NATURAL GAS																										
137	BALMER LAWRIE & CO. LTD.	477	46	5	52	213	30	0	31	78	3	0	18	359	43	5	79	1127	122	10	180					
138	BALMER LAWRIE INVESTMENTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
139	BHARAT PETRO RESOURCES LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0					
140	BHARAT PETROLEUM CORPN. LTD.	5981	963	383	979	0	0	0	0	4499	671	242	755	1539	294	121	258	12019	1928	746	1992					
141	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	66	11	0	16	3	0	0	1	0	0	0	0	0	0	0	0	69	11	0	17					
142	CHENNAI PETROLEUM CORPORATION LTD.	832	188	31	134	0	0	0	0	877	206	11	354	0	0	0	0	1709	394	42	488					
143	ENGINEERS INDIA LTD.	1019	199	48	63	1607	275	72	341	200	57	10	29	1	1	0	0	2827	532	130	433					

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144	GAIL (INDIA) LTD.	3598	588	254	660	162	16	9	56	669	123	22	222	57	14	6	16	4486	741	291	954					
145	GAIL GAS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
146	HINDUSTAN PETROLEUM CORPN. LTD.	6069	1033	473	1103	0	0	0	0	3409	661	316	122	874	233	102	16	10352	1927	891	1241					
147	HPCL BIOFUELS LTD.	32	1	0	7	97	14	1	37	607	66	7	243	0	0	0	0	736	81	8	287					
148	INDIAN OIL CORPORATION LTD.	17123	2830	1280	3478	5733	1085	586	341	9668	1707	692	2358	633	169	55	47	33157	5791	2613	6224					
149	MANGALORE REFINERY & PETROCHEMICALS LTD.	823	60	20	180	0	0	0	0	1083	130	46	405	10	0	0	5	1916	190	66	590					
150	NUMALIGARH REFINERY LTD.	440	46	30	97	0	0	0	0	420	39	61	138	0	0	0	0	860	85	91	235					
151	OIL & NATURAL GAS CORPORATION LTD.	20965	3459	1865	3247	1784	222	298	212	7236	891	881	2668	2280	374	224	452	32265	4946	3268	6579					
152	OIL INDIA LTD.	1568	209	142	364	1093	68	120	283	2792	228	385	909	1502	162	204	543	6955	667	851	2099					
153	ONGC MANGALORE PETROCHEMICALS LTD.	176	7	1	31	0	0	0	0	253	1	1	110	45	1	0	20	474	9	2	161					
154	ONGC VIDESH LTD.	1542	44	17	37	537	0	0	2	0	0	0	0	0	0	0	0	2079	44	17	39					
155	PETRONET CCK LTD.	29	1	0	14	0	0	0	0	14	3	0	6	0	0	0	0	43	4	0	20					
156	PRIZE PETROLEUM COMPANY LTD.	3	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	18	0	0	0					
	SUB TOTAL :	60745	9685	4549	10462	11244	1710	1086	1304	31805	4786	2674	8337	7300	1291	717	1436	111094	17472	9026	21539					
	MINISTRY OF POWER																									
157	BHARTIYA RAIL BIJLEE CO. LTD.	212	26	11	57	0	0	0	0	10	0	0	6	0	0	0	0	222	26	11	63					
158	KANTI BIJLEE UTPADAN NIGAM LTD.	219	34	10	51	0	0	0	0	11	2	0	1	0	0	0	0	230	36	10	52					
159	NHDC LTD.	301	39	12	73	33	6	2	5	101	14	11	28	111	30	17	31	546	89	42	137					
160	NHPC LTD.	3665	559	253	754	170	25	5	18	2433	243	118	136	1083	198	74	54	7351	1025	450	962					
161	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	916	96	199	165	316	13	103	55	891	63	370	148	56	0	51	3	2179	172	723	371					
162	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
163	NTPC LTD.	11479	1821	702	2430	93	10	5	7	7813	1229	630	1386	354	169	86	119	19739	3229	1423	3942					
164	NTPC VIDYUT VYAPAR NIGAM LTD.	38	3	1	2	0	0	0	0	1	0	0	0	0	0	0	0	39	3	1	2					
165	PATRATU VIDYUT UTPADAN NIGAM LTD.	75	4	13	14	0	0	0	0	11	0	0	0	0	0	0	0	86	4	13	14					

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166	PFC CAPITAL ADVISORY SERVICE LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
167	PFC CONSULTING LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
168	PFC GREEN ENERGY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
169	POWER FINANCE CORPORATION LTD.	387	69	21	69	87	14	7	12	22	4	2	3	2	0	0	0	498	87	30	84					
170	POWER GRID CORPORATION OF INDIA LTD.	4079	562	249	868	2480	360	230	705	2268	331	221	553	73	16	6	22	8900	1269	706	2148					
171	POWER GRID WARORA TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
172	POWER SYSTEM OPERATION CORPORATION LTD.	369	61	16	78	47	5	1	10	63	11	2	5	0	0	0	479	77	19	93						
173	POWERGRID KALA AMB TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
174	POWERGRID NM TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
175	POWERGRID UNCHAHAR TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
176	POWERGRID VIZAG TRANSMISSION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
177	REC POWER DISTRIBUTION CO. LTD.	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0	
178	REC TRANSMISSION PROJECTS CO. LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
179	RURAL ELECTRIFICATION CORPN. LTD.	414	42	15	63	0	0	0	0	52	9	0	2	62	17	1	3	528	68	16	68					
180	SJVN LTD.	767	103	47	111	289	70	9	30	488	128	33	32	63	7	3	1	1607	308	92	174					
181	THDC INDIA LTD.	822	92	19	69	115	13	1	12	685	142	6	79	300	24	0	0	1922	271	26	160					
	SUB TOTAL :	23783	3511	1568	4804	3630	516	363	854	14849	2176	1393	2379	2104	461	238	44366	6664	3562	8270						
	MINISTRY OF RAILWAYS																									
182	BHARAT WAGON & ENGG. CO. LTD.	18	0	0	2	41	10	0	17	1	37	0	172	0	0	0	3	60	47	0	194					
183	BRAITHWAITE & CO. LTD.	41	0	1	2	33	3	0	0	185	30	0	0	0	0	0	259	33	1	2						
184	BURN STANDARD COMPANY LTD.	46	2	0	1	86	8	1	1	393	28	2	1	0	0	0	525	38	3	3						
185	CONCOR AIR LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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186	CONTAINER CORPORATION OF INDIA LTD.	336	45	7	60	229	31	10	56	910	139	57	242	0	0	0	0	1475	215	74	358					
187	FRESH & HEALTHY ENTERPRISES LTD.	0	0	0	0	0	0	0	0	2	0	0	0	2	1	0	0	4	1	0	0					
188	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
189	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	295	46	10	45	512	95	28	106	654	128	36	187	0	0	0	0	1461	269	74	338					
190	INDIAN RAILWAY FINANCE CORPORATION LTD.	10	0	0	1	8	3	0	1	3	0	1	1	3	3	0	0	24	6	1	3					
191	IRCON INFRASTRUCTURE & SERVICES LTD.	11	2	0	0	44	1	1	6	1	0	0	0	0	0	0	56	3	1	6						
192	IRCON INTERNATIONAL LTD.	732	95	29	137	261	34	9	52	182	23	7	28	448	0	0	1623	152	45	217						
193	IRCON PB TOLLWAY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
194	IRCON SHIVPURI GUNA TOLLWAY LTD.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0						
195	KONKAN RAILWAY CORPORATION LTD.	224	30	10	45	2396	311	93	754	1836	76	47	370	797	363	180	939	780	330	2088						
196	MUMBAI RAILWAY VIKAS CORPORATION LTD.	82	13	2	5	175	9	2	20	10	0	0	0	21	5	0	288	27	4	25						
197	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
198	RAIL VIKAS NIGAM LTD.	507	30	12	30	0	0	0	0	7	1	0	1	26	2	1	540	33	13	34						
199	RAILTEL CORPORATION INDIA LTD.	522	66	21	124	5	0	0	1	10	4	0	2	0	0	0	537	70	21	127						
200	RAILTEL ENTERPRISES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
201	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
202	RITES INFRASTRUCTURE SERVICES LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
203	RITES LTD.	1551	204	63	259	241	24	11	32	224	41	16	30	200	41	7	17	2216	310	97	338					
204	SIDCUL CONCOR INFRA COMPANY LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						

S.N.	Ministry / Deptt. / CPSE	Group A Managerial/ Executives Level					Group B Supervisory Level					Group C Workers (Skilled)					Group D Workers (Un-Skilled)					Total Employees				
		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	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	
	SUB TOTAL :	4375	533	155	711	4031	529	155	1027	4418	507	166	1034	1497	415	188	962	14321	1984	664	3734					
	MINISTRY OF ROAD TRANSPORT AND HIGHWAYS																									
205	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0					
	SUB TOTAL :	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72	0	0	0					
	MINISTRY OF SCIENCE & TECHNOLOGY																									
	DEPT. OF BIOTECHNOLOGY																									
206	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	65	12	2	10	27	8	1	6	21	11	1	3	0	0	0	0	113	31	4	19					
207	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	33	1	0	4	0	0	0	0	10	0	0	2	0	0	0	0	43	1	0	6					
208	INDIAN VACCINE CORP. LTD.	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0					
	SUB TOTAL :	98	13	2	14	28	8	1	6	31	11	1	5	0	0	0	0	157	32	4	25					
	MINISTRY OF SCIENCE & TECHNOLOGY																									
	DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH																									
209	CENTRAL ELECTRONICS LTD.	184	23	0	16	0	0	0	0	228	70	0	37	7	3	0	1	419	96	0	54					
210	NATIONAL RESEARCH DEVELOPMENT CORPN.	32	6	2	2	9	3	0	0	9	4	0	0	12	7	0	0	62	20	2	2					
	SUB TOTAL :	216	29	2	18	9	3	0	0	237	74	0	37	19	10	0	1	481	116	2	56					
	MINISTRY OF SHIPPING																									
211	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
212	COCHIN SHIPYARD LTD.	332	50	15	74	167	23	11	18	1283	174	19	582	0	0	0	1782	247	45	674						
213	DREDGING CORPN. OF INDIA LTD.	276	45	17	68	9	2	0	5	108	21	5	31	34	3	1	4	427	71	23	108					
214	HOOGHLY DOCK AND PORT ENGINEERS LTD.	1	0	0	0	3	0	0	0	21	2	1	0	20	3	0	0	45	5	1	0					
215	KAMARAJAR PORT LTD.	58	10	3	27	0	0	0	0	40	10	1	23	0	0	0	98	20	4	50						
216	SHIPPING CORPORATION OF INDIA LTD.	641	125	49	99	88	18	5	3	0	0	0	0	0	0	0	729	143	54	102						
	SUB TOTAL :	1308	230	84	268	267	43	16	26	1452	207	26	636	54	6	1	4	3081	486	127	934					

S.N.	Ministry / Deptt. / CPSE	Group A Managerial/ Executives Level						Group B Supervisory Level						Group C Workers (Skilled)						Group D Workers (Un-Skilled)						Total Employees					
		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	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs						
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																															
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY																															
217	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	104	12	0	22	0	0	0	0	154	41	1	37	8	2	0	0	266	55	1	59										
218	NATIONAL HANDICAPPED FINANCE & DEVT. CORPN.	14	2	0	4	1	0	0	0	16	2	1	5	5	1	0	1	36	5	1	10										
	SUB TOTAL:	118	14	0	26	1	0	0	0	170	43	2	42	13	3	0	1	302	60	2	69										
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT																															
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT																															
219	NATIONAL BACKWARD CLASSES FINANCE & DEVT. CORPN.	15	2	0	2	13	2	0	2	17	4	0	7	0	0	0	0	45	8	0	11										
220	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVT. CORPN.	11	2	0	1	0	0	0	0	9	0	0	0	3	0	0	0	23	2	0	1										
221	NATIONAL SCHEDULED CASTES FINANCE & DEVT. CORPN.	37	9	2	5	41	21	2	8	0	0	0	0	0	0	0	0	78	30	4	13										
	SUB TOTAL:	63	13	2	8	54	23	2	10	26	4	0	7	3	0	0	0	146	40	4	25										
MINISTRY OF STEEL																															
222	EASTERN INVESTMENT LTD.	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0										
223	FERRO SCRAP NIGAM LTD.	152	13	3	25	0	0	0	0	646	147	95	98	3	3	0	0	801	163	98	123										
224	J & K MINERAL DEVELOPMENT CORPN. LTD.	1	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	5	0	0	0										
225	KIOCL LTD.	244	45	12	15	39	2	2	4	567	84	30	67	38	7	6	4	888	138	50	90										
226	M S T C LTD.	213	35	14	51	112	26	4	17	0	0	0	0	0	0	0	0	325	61	18	68										
227	MECON LTD.	1163	226	71	136	152	24	60	21	0	0	0	0	0	0	0	0	1315	250	131	157										
228	MOIL LTD.	344	65	12	82	123	21	8	43	1279	298	199	408	4334	846	1345	1555	6080	1230	1564	2088										
229	NMDC Ltd.	1473	258	100	295	146	21	14	26	3409	594	895	619	354	44	154	52	5382	917	1163	992										
230	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	80	7	2	18	40	5	9	8	148	13	18	9	182	36	131	62	450	61	160	97										
231	RASHTRVA ISPAT NIGAM LTD.	6132	1042	470	1028	11	1	0	1	9761	1627	728	1382	1713	248	112	165	17617	2918	1310	2576										
232	SAIL REFRACTORY COMPANY LTD.	18	4	0	10	0	0	0	0	163	39	5	120	3	0	0	3	184	43	5	133										

S.N.	Ministry / Deptt. / CPSE	Group A Managerial/ Executives Level					Group B Supervisory Level					Group C Workers (Skilled)					Group D Workers (Un-Skilled)					Total Employees				
		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	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	
233	STEEL AUTHORITY OF INDIA LTD.	11718	1906	808	1718	0	0	0	0	58574	10821	10650	8514	6578	144	31	33	76870	12871	11489	10265					
234	THE BISRA STONE LIME COMPANY LTD.	27	2	1	1	51	9	10	9	129	36	65	10	517	138	284	36	724	185	360	56					
	SUB TOTAL:	21567	3603	1493	3379	674	109	107	129	74678	13659	12685	11227	13724	1466	2063	1910	110643	18837	16348	16645					
MINISTRY OF TEXTILES																										
235	BIRDS JUTE & EXPORTS LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
236	BRITISH INDIA CORPORATION LTD.	75	1	0	6	309	2	0	37	666	165	0	35	159	77	0	23	1209	245	0	101					
237	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	160	23	1	10	4	0	0	0	10	3	0	1	93	33	0	5	267	59	1	16					
238	COTTON CORPN. OF INDIA LTD.	89	9	2	7	699	154	27	145	0	0	0	0	0	0	0	0	788	163	29	152					
239	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	16	2	2	3	31	4	4	7	27	5	0	6	21	7	2	4	95	18	8	20					
240	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	83	10	5	17	38	3	0	0	57	5	0	9	24	5	3	3	202	23	8	29					
241	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
242	NATIONAL TEXTILE CORPN. LTD.	461	54	4	66	299	28	5	106	5992	1189	78	1974	910	125	8	167	7662	1396	95	2313					
243	THE JUTE CORPN. OF INDIA LTD.	45	7	3	4	67	15	8	7	123	25	6	16	43	11	6	5	278	58	23	32					
	SUB TOTAL:	929	106	17	113	1447	206	44	302	6875	1392	84	2041	1250	258	19	207	10501	1962	164	2663					
MINISTRY OF TOURISM																										
244	DONYI POLO ASHOK HOTEL LTD.	3	0	0	0	3	0	0	0	20	2	0	0	0	2	6	0	26	4	6	0					
245	INDIA TOURISM DEV. CORPN. LTD.	200	32	4	24	40	8	2	1	678	174	13	32	105	69	3	3	1023	283	22	60					
246	KUMARAKRUPPA FRONTIER HOTELS LTD.	2	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	0					
247	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1	0	0	1	6	0	1	0	8	3	0	10	0	0	0	0	15	3	1	11					
248	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	0	1	0	0	32	0	0	0	0	6	7	2	0	4	5	2	32	11	12	4					
249	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	SUB TOTAL:	206	33	4	25	81	8	3	1	707	185	20	44	105	75	14	5	1099	301	41	75					

S.N.	Ministry / Deptt. / CPSE	Group A Managerial/ Executives Level					Group B Supervisory Level					Group C Workers (Skilled)					Group D Workers (Un-Skilled)					Total Employees				
		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	Total No. of Emp.	SCs	STs	OBCs	Total No. of Emp.	SCs	STs	OBCs	
MINISTRY OF TRIBAL AFFAIRS																										
250	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	25	4	6	2	6	1	1	1	1	21	8	2	5	0	0	0	0	0	0	0	52	13	9	8	
SUB TOTAL :																										
25		25	4	6	2	6	1	1	1	21	8	2	5	0	0	0	0	0	0	0	52	13	9	8		
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION																										
251	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	264	45	8	43	154	18	5	16	263	18	2	0	90	5	3	0	771	86	18	59					
252	WAPCOS LTD.	652	84	13	94	77	14	2	10	109	24	4	25	85	26	4	14	923	148	23	143					
SUB TOTAL :																										
916		916	129	21	137	231	32	7	26	372	42	6	25	175	31	7	14	1694	234	41	202					
DEPT. OF ATOMIC ENERGY																										
253	ELECTRONICS CORPN. OF INDIA LTD.	1421	232	129	257	0	0	0	0	388	65	53	30	183	51	4	21	1992	348	186	308					
254	INDIAN RARE EARTHS LTD.	463	62	12	115	0	0	0	0	729	127	24	283	329	107	7	99	1521	296	43	497					
255	NUCLEAR POWER CORPN. OF INDIA LTD.	4335	367	103	666	1895	299	116	567	5230	1007	515	1389	0	0	0	0	11460	1673	734	2622					
256	URANIUM CORPORATION OF INDIA LTD.	273	32	22	46	287	33	40	49	1456	137	350	204	2694	271	1606	195	4710	473	2018	494					
SUB TOTAL :																										
6492		6492	693	266	1084	2182	332	156	616	7803	1336	942	1906	3206	429	1617	315	19683	2790	2981	3921					
DEPT. OF SPACE																										
257	ANTRIX CORPORATION LTD.	19	0	2	2	4	0	0	2	0	0	0	0	52	0	0	0	75	0	2	4					
SUB TOTAL :																										
19		19	0	2	2	4	0	0	2	0	0	0	0	52	0	0	0	75	0	2	4					
GRAND TOTAL :																										
265543		265543	40404	16602	45266	108622	14136	8471	27546	521409	100935	52717	96549	191154	33718	26859	39957	1086728	189193	104649	209318					

STATEMENT - 25
EQUITY PARTICIPATION BY UNDER CONSTRUCTION CPSEs AS ON 31.3.2018

(₹ 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	BALLABGARH - GN TRANSMISSION CO. LTD.	5	0	0	5	0	5
3	BHARAT PETRO RESOURCES JPDA	6000	0	0	6000	0	6000
4	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	500000	436112	0	0	22708	458820
5	BIHAR INFRAPOWER LTD.	5	0	0	5	0	5
6	BIHAR MEGA POWER LTD.	5	0	0	5	0	5
7	BIJAWAR-VIDARBHA TRANSMISSION LTD	1	0	0	1	0	1
8	BPCL-KIAL FUEL PVT. LTD.	1800	0	0	440	160	600
9	BUNDELKHAND SAUR URJA LTD.	6000	0	0	400	0	400
10	CHEYYUR INFRA LTD.	5	0	0	5	0	5
11	CHHATTISGARH EAST RAILWAYS LTD.	65000	0	0	20600	10000	30600
12	CHHATTISGARH EAST-WEST RAILWAYS LTD.	111000	0	0	32288	18118	50406
13	CHHATTISGARH MEGA STEEL CO. LTD.	5	0	0	5	0	5
14	CHHATTISGARH SURGUJA POWER LTD.	5	0	0	5	0	5
15	COASTAL KARNATAKA POWER LTD.	5	5	0	0	0	5
16	COASTAL MAHARASHTRA MEGA POWER LTD.	5	0	0	5	0	5
17	COASTAL TAMIL NADU POWER LTD.	5	0	0	5	0	5
18	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2200000	765827	0	0	0	765827
19	DEOGHAR INFRA LTD.	5	0	0	5	0	5
20	DEOGHAR MEGA POWER LTD.	5	0	0	5	0	5
21	DINGCHANG TRANSMISSION LTD.	5	0	0	5	0	5
22	GHATAMPUR TRANSMISSION LTD.	5	0	0	5	0	5
23	GHOARPALLI INTEGRATED POWER COMPANY LTD.	5	0	0	5	0	5
24	HLL MEDIPARK LTD	50	0	0	10	0	10
25	HLL MOTHER & CHILD CARE HOSPITALS LTD.	10	0	0	1	0	1
26	HOOGLY COCHIN SHIPYARD LTD.	2200	0	0	1628	572	2200
27	HPCL RAJASTHAN REFINERY LTD.	400000	0	6631	18874	0	25505
28	INDIAN CATALYST PVT. LTD.	10000	0	0	1593	0	1593
29	INLAND & COASTAL SHIPPING LTD.	1000	0	0	5	0	5
30	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	21705	0	0	5	0	5
31	JAGDISHPUR PAPER MILLS LTD.	500	0	0	5	0	5
32	JHARKHAND CENTRAL RAILWAY LTD.	50000	0	500	3200	1300	5000
33	JHARKHAND INFRAPOWER LTD.	5	0	0	5	0	5
34	JHARKHAND KOLHAN STEEL LTD.	10	0	0	1	0	1
35	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	100	0	0	1	0	1
36	KARNATAKA VIJAY NAGAR STEEL LTD.	1	0	0	1	0	1
37	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	23000	0	3060	8709	0	11769
38	MAHANADI BASIN POWER LTD.	5	0	0	5	0	5
39	MAHANADI COAL RAILWAY LTD.	5	0	0	5	0	5
40	MEDINIPUR-JEERAT TRANSMISSION LTD.	100	0	0	1	0	1
41	MJSJ COAL LTD.	20000	0	0	5706	3804	9510

(₹ in Lakhs)

S.No.	CPSE	Authorised Capital	Paid up Capital				
			Central Govt.	State Govt.	Holding Company	Others	Total
42	MNH SHAKTI LTD.	8510	0	0	5957	2553	8510
43	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	5	0	0	5	0	5
44	NEYVELI UTTAR PRADESH POWER LTD	500000	0	0	46124	44316	90440
45	NMDC POWER LTD.	100	0	0	55	0	55
46	NMDC STEEL LTD.	30	0	0	1	0	1
47	NMDC-CMDC LTD.	20000	0	0	9835	9449	19284
48	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	1000	0	0	74	26	100
49	NPCIL - NALCO POWER COMPANY LTD.	100	0	0	7	3	10
50	ODISHA INFRAPOWER LTD.	5	0	0	5	0	5
51	OIL INDIA INTERNATIONAL LTD.	50000	0	0	10000	0	10000
52	ORISSA INTEGRATED POWER LTD.	5	0	0	5	0	5
53	POWER GRID MITHILANCHAL TRANSMISSION LTD.	5	0	0	5	0	5
54	POWER GRID JABALPUR TRANSMISSION LTD.	2000	0	0	15	0	15
55	POWER GRID PARLI TRANSMISSION LTD.	2000	0	0	10	0	10
56	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	100	0	0	5	0	5
57	PUNJAB ASHOK HOTEL COMPANY LTD.	300	0	0	125	125	250
58	SAGARMALA DEVELOPMENT COMPANY LTD.	100000	21500	0	0	0	21500
59	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	5	0	0	5	0	5
60	SETHUSAMUDRAM CORPN. LTD.	100000	49500	0	0	25000	74500
61	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	1	0	0	1	0	1
62	SJVN THERMAL PVT. LTD.	300000	0	0	43668	0	43668
63	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	5	0	0	5	0	5
64	TANDA TRANSMISSION COMPANY LTD.	5	0	0	5	0	5
65	TATIYA ANDHRA MEGA POWER LTD.	5	0	0	5	0	5
66	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	14000	0	0	8104	5403	13507
67	WR-NR POWER TRANSMISSION LTD	5	0	0	5	0	5
68	YULE ELECTRICAL LTD.	1500	0	0	0	5	5
69	YULE ENGINEERING COMPANY LTD.	300	0	0	0	5	5
	GRAND TOTAL	4519048	1272944	10191	223580	143552	1650267

STATEMENT - 26

Procurement from Micro and small Enterprises (MSEs) by CPSEs during 2017-18

(₹ in Lakhs)

S.No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
1	ANTRIX CORPORATION LTD.	704	249	1
2	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	9422	2763	0
3	BALMER LAWRIE & CO. LTD.	246653	5361	0
4	BEL OPTRONICS DEVICES LTD.	5664	287	0
5	BEL-THALES SYSTEMS LTD.	119	7	0
6	BEML LTD.	123800	32300	18
7	BHARAT BROADBAND NETWORK LTD.	61084	7312	0
8	BHARAT COKING COAL LTD.	5926	1551	1
9	BHARAT DYNAMICS LTD.	328002	30335	172
10	BHARAT ELECTRONICS LTD.	637501	84447	772
11	BHARAT HEAVY ELECTRICALS LTD.	1574569	23	0
12	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	2697	0	0
13	BHARAT PETROLEUM CORPN. LTD.	707194	191687	8785
14	BHARAT PUMPS & COMPRESSORS LTD.	3008	630	0
15	BHARAT WAGON & ENGG. CO. LTD.	434	0	0
16	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	6315	3583	416
17	BHARTIYA RAIL BIJLEE CO. LTD.	0	0	60
18	BHEL ELECTRICAL MACHINES LTD.	695	372	0
19	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	246	112	0
20	BRAHMAPUTRA CRACKERS & POLYMER LTD.	23469	8535	0
21	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	2944	781	85
22	BRAITHWAITE & CO. LTD.	14268	8000	0
23	BRIDGE & ROOF CO.(INDIA) LTD.	103177	10200	0
24	BROADCAST ENGG. CONSULTANTS INDIA LTD.	12107	0	0
25	BURN STANDARD COMPANY LTD.	16229	8205	0
26	CEMENT CORPN. OF INDIA LTD.	2425	761	0
27	CENTRAL COALFIELDS LTD.	70449	0	0
28	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	5016	2962	59
29	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	3263	1520	0
30	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	3803	2924	0
31	CENTRAL WAREHOUSING CORPN.	32465	10861	254
32	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	6	4	1
33	CHANDIGARH INTERNATIONAL AIRPORT LTD.	887	0	0
34	CHENNAI PETROLEUM CORPORATION LTD.	30924	10294	299
35	COAL INDIA LTD.	118079	9990	0
36	COCHIN SHIPYARD LTD.	79741	18973	113
37	CONCOR AIR LTD.	1011	652	198
38	CONTAINER CORPORATION OF INDIA LTD.	9498	2963	151
39	COTTON CORPN. OF INDIA LTD.	70978	23202	0
40	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	339481	288	0
41	DREDGING CORPN. OF INDIA LTD.	23708	0	0
42	E. C. G. C. LTD.	325	73	19
43	EASTERN COALFIELDS LTD.	44731	6461	0
44	EASTERN INVESTMENT LTD.	3	7	0

S.No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
45	ENGINEERING PROJECTS (INDIA) LTD.	402	86	0
46	ENGINEERS INDIA LTD.	82688	19536	0
47	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	193	132	0
48	FERRO SCRAP NIGAM LTD.	3053	861	0
49	FOOD CORPN. OF INDIA	11913251	0	0
50	FRESH & HEALTHY ENTERPRISES LTD.	65	0	0
51	GAIL (INDIA) LTD.	490087	136166	279
52	GAIL GAS LTD.	45100	17100	0
53	GOA SHIPYARD LTD.	40723	6726	36
54	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1652	910	0
55	HEAVY ENGINEERING CORPN. LTD.	7148	1674	0
56	HIL (INDIA) LTD.	23105	0	0
57	HINDUSTAN AERONAUTICS LTD.	696642	58997	652
58	HINDUSTAN ANTIBIOTICS LTD.	1	0	0
59	HINDUSTAN COPPER LTD.	99570	2940	2
60	HINDUSTAN FLUOROCARBONS LIMITED	1392	278	56
61	HINDUSTAN NEWSPRINT LTD.	14640	159	0
62	HINDUSTAN PETROLEUM CORPN. LTD.	965086	301197	8526
63	HINDUSTAN SALTS LTD.	158	45	0
64	HINDUSTAN SHIPYARD LTD.	12994	5995	27
65	HINDUSTAN STEELWORKS COSTN. LTD.	299	0	0
66	HLL BIOTECH LTD.	9	2	0
67	HMT (INTERNATIONAL) LTD.	3673	0	0
68	HMT LTD.	420	40	20
69	HOOGHLY DOCK AND PORT ENGINEERS LTD.	4	0	0
70	HOOGHLY PRINTING COMPANY LTD.	321	0	0
71	HOTEL CORPN. OF INDIA LTD.	1375	0	0
72	HPCL BIOFUELS LTD.	5371	14	0
73	HSCC (INDIA) LTD.	7586	0	0
74	I T I LTD.	30231	0	0
75	IIFCL ASSET MANAGEMENT COMPANY LTD.	63	36	0
76	IIFCL PROJECTS LTD.	45	36	0
77	INDIA INFRASTRUCTURE FINANCE CO. LTD.	752	250	1
78	INDIA TRADE PROMOTION ORGANISATION	78	49	0
79	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	4162	7	7
80	INDIAN OIL CORPORATION LTD.	2184030	526042	12070
81	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	5591	1003	0
82	INDIAN RAILWAY FINANCE CORPORATION LTD.	545	152	25
83	INDIAN RARE EARTHS LTD.	20086	69	1
84	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	859	355	0
85	IRCON INFRASTRUCTURE & SERVICES LTD.	4	0	0
86	IRCON INTERNATIONAL LTD.	34289	3534	0
87	KANTI BIJLEE UTPADAN NIGAM LTD.	4238	2120	0
88	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	14925	1851	0
89	KIOCL LTD.	3018	697	0
90	KONKAN RAILWAY CORPORATION LTD.	16965	5272	9

S.No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
91	KUMARAKRUPPA FRONTIER HOTELS LTD.	1	0	0
92	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	39	3	0
93	MADRAS FERTILIZERS LTD.	4100	850	0
94	MAHANADI COALFIELDS LTD.	9460	5622	0
95	MANGALORE REFINERY & PETROCHEMICALS LTD.	122300	33000	350
96	MAZAGON DOCK SHIPBUILDERS LTD.	50359	14609	1261
97	MECON LTD.	29836	5762	0
98	MINERAL EXPLORATION CORPN. LTD.	2740	1004	0
99	MISHRA DHATU NIGAM LTD.	24734	5781	138
100	MOIL LTD.	7053	2968	0
101	NAINI AEROSPACE LTD.	424	0	0
102	NATIONAL ALUMINIUM COMPANY LTD.	152770	40013	0
103	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	83	36	0
104	NATIONAL FERTILIZERS LTD.	33500	6700	1340
105	NATIONAL FILM DEV. CORPN. LTD.	393	99	0
106	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	272399	81500	0
107	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	124	0	0
108	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	74	42	0
109	NATIONAL RESEARCH DEVELOPMENT CORPN.	24	6	0
110	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	88	17	0
111	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	105	54	15
112	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	47	23	2
113	NATIONAL SEEDS CORPN. LTD.	1083	506	0
114	NATIONAL SMALL INDUSTRIES CORPN. LTD.	7232	5595	311
115	NATIONAL TEXTILE CORPN. LTD.	35438	2025	79
116	NBCC (INDIA) LTD.	142	82	1
117	NEPA LTD.	975	0	0
118	NHDC LTD.	7386	2295	0
119	NHPC LTD.	53208	13595	305
120	NLC INDIA LTD.	68137	9632	40
121	NLC TAMIL NADU POWER LTD.	8374	74	0
122	NMDC Ltd.	10368	3407	478
123	NMDC POWER LTD.	0	0	60
124	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	15081	1909	50
125	NORTHERN COALFIELDS LTD.	251632	0	0
126	NTPC LTD.	404564	116062	1709
127	NTPC VIDYUT VYAPAR NIGAM LTD.	153	36	0
128	NUCLEAR POWER CORPN. OF INDIA LTD.	602766	64469	1014
129	NUMALIGARH REFINERY LTD.	38160	11370	2435
130	OIL & NATURAL GAS CORPORATION LTD.	2994200	128300	560
131	ONGC MANGALORE PETROCHEMICALS LTD.	11036	2176	26
132	ONGC VIDESH LTD.	299	205	18

S.No.	Name of CPSE	Total procurement	Total procurement from MSEs	Procurement from MSEs owned by SC/ST entrepreneurs
133	ORISSA DRUGS & CHEMICALS LTD.	1122	249	88
134	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	72	15	0
135	PONDICHERRY ASHOK HOTEL CORPN. LTD.	74	0	0
136	POWER FINANCE CORPORATION LTD.	1962	732	3
137	POWER GRID CORPORATION OF INDIA LTD.	216000	54700	16
138	POWER GRID JABALPUR TRANSMISSION LTD.	199	64	0
139	POWER GRID PARLI TRANSMISSION LTD.	144	0	0
140	POWER GRID WARORA TRANSMISSION LTD.	138	85	0
141	POWER SYSTEM OPERATION CORPORATION LTD.	3331	880	17
142	PROJECTS & DEVELOPMENT INDIA LTD.	2775	1265	8
143	RAIL VIKAS NIGAM LTD.	0	7	0
144	RAILTEL CORPORATION INDIA LTD.	547	157	24
145	RAILTEL ENTERPRISES LTD.	126	47	0
146	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	30	21	0
147	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	3575	0	0
148	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	15238	8028	0
149	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	9	0	0
150	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	36110	8544	91
151	RASHTRIYA ISPAT NIGAM LTD.	201237	55325	0
152	REC POWER DISTRIBUTION CO. LTD.	794	183	0
153	rites LTD.	4769	3194	0
154	RURAL ELECTRIFICATION CORPN. LTD.	1210	82	0
155	SAIL REFRACTORY COMPANY LTD.	4045	994	0
156	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	217921	3253	282
157	SHIPPING CORPORATION OF INDIA LTD.	50507	12239	0
158	SIDCUL CONCOR INFRA COMPANY LTD.	7	2	0
159	SOLAR ENERGY CORPORATION OF INDIA	68097	0	0
160	SOUTH EASTERN COALFIELDS LTD.	64946	12074	1
161	STATE TRADING CORPN. OF INDIA LTD.	360	193	31
162	STEEL AUTHORITY OF INDIA LTD.	414367	85817	351
163	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	46381	14081	0
164	THDC INDIA LTD.	2698	423	2
165	THE BISRA STONE LIME COMPANY LTD.	96	37	0
166	THE JUTE CORPN. OF INDIA LTD.	17237	0	0
167	VIGNYAN INDUSTRIES LTD.	12	4	0
168	WAPCOS LTD.	0	4799	0
169	WESTERN COALFIELDS LTD.	21617	12324	31
	GRAND TOTAL	28078549	2422651	44252

Statement 27
Gross Value Added for all CPSEs during 2017-18

S. No.	CPSEs	Gross Value Added	
		2017-18	2016-17
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	31572	0
2	AGRINNOVATE INDIA LTD.	307	417
3	AIR INDIA AIR TRANSPORT SERVICES LTD.	58443	58443
4	AIR INDIA ENGINEERING SERVICES LTD.	57318	57318
5	AIR INDIA EXPRESS LTD.	102872	105890
6	AIR INDIA LTD.	381144	372122
7	AIRLINE ALLIED SERVICES LTD.	6324	-12882
8	AIRPORTS AUTHORITY OF INDIA	1196924	1001466
9	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	181	181
10	ANDREW YULE & COMPANY LTD.	21666	27761
11	ANTRIX CORPORATION LTD.	67859	68078
12	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0
13	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	-4136	-2209
14	BALLABGARH - GN TRANSMISSION CO. LTD.		-5
15	BALMER LAWRIE & CO. LTD.	62073	69167
16	BALMER LAWRIE INVESTMENTS LTD.	5556	4096
17	BEL OPTRONICS DEVICES LTD.	7177	7574
18	BEL-THALES SYSTEMS LTD.	194	166
19	BEML LTD.	198103	167351
20	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	4010	5436
21	BHARAT BROADBAND NETWORK LTD.	-596763	-555745
22	BHARAT COKING COAL LTD.	604600	812471
23	BHARAT DYNAMICS LTD.	192533	218720
24	BHARAT ELECTRONICS LTD.	587927	623803
25	BHARAT HEAVY ELECTRICALS LTD.	1068542	888900
26	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	349	2370
27	BHARAT PETRO RESOURCES JPDA	-9	46
28	BHARAT PETRO RESOURCES LTD.	5208	-7536
29	BHARAT PETROLEUM CORPN. LTD.	10331951	9381439
30	BHARAT PUMPS & COMPRESSORS LTD.	580	580
31	BHARAT SANCHAR NIGAM LTD.	1237844	1779089
32	BHARAT WAGON & ENGG. CO. LTD.	155	155
33	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	221	339
34	BHARTIYA RAIL BIJLEE CO. LTD.	47104	9412
35	BHEL ELECTRICAL MACHINES LTD.	320	533
36	BIHAR INFRAPOWER LTD.	0	0
37	BIHAR MEGA POWER LTD.	0	0
38	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0
39	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	1163	633
40	BIRDS JUTE & EXPORTS LTD.	-27	-27
41	BPCL-KIAL FUEL PVT. LTD.	0	0
42	BRAHMAPUTRA CRACKERS & POLYMER LTD.	57727	17699
43	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	-10029	-15538
44	BRAITHWAITE & CO. LTD.	3448	2414
45	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	3135	5033
46	BRIDGE & ROOF CO.(INDIA) LTD.	35457	33776
47	BRITISH INDIA CORPORATION LTD.	-118	-118

S. No.	CPSEs	2017-18	2016-17
48	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1792	1933
49	BUNDELKHAND SAUR URJA LTD.	0	0
50	BURN STANDARD COMPANY LTD.	1193	1193
51	CEMENT CORPN. OF INDIA LTD.	17439	22297
52	CENTRAL COALFIELDS LTD.	1290116	1343483
53	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	3137	3550
54	CENTRAL ELECTRONICS LTD.	11271	11360
55	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	1745	1745
56	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	91131	58196
57	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	5323	4515
58	CENTRAL WAREHOUSING CORPN.	79929	92538
59	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	4001	3040
60	CHANDIGARH INTERNATIONAL AIRPORT LTD.	6981	0
61	CHANDIL TRANSMISSION LTD.	0	0
62	CHENNAI PETROLEUM CORPORATION LTD.	1552976	1587057
63	CHEYUR INFRA LTD.	0	0
64	CHHATTISGARH EAST RAILWAYS LTD.	-14	-13
65	CHHATTISGARH EAST-WEST RAILWAYS LTD.	-15	-8
66	CHHATTISGARH MEGA STEEL CO. LTD.	0	0
67	CHHATTISGARH SURGUJA POWER LTD.	0	0
68	COAL INDIA LTD.	973392	1495968
69	COASTAL KARNATAKA POWER LTD.	0	0
70	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0
71	COASTAL TAMIL NADU POWER LTD.	0	0
72	COCHIN SHIPYARD LTD.	105155	87908
73	CONCOR AIR LTD.	4676	3436
74	CONTAINER CORPORATION OF INDIA LTD.	250229	202036
75	COTTON CORPN. OF INDIA LTD.	34648	38620
76	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	27785	34574
77	DELHI POLICE HOUSING CORPORATION LTD.	16	2
78	DEOGHAR INFRA LTD.	0	0
79	DEOGHAR MEGA POWER LTD.	0	0
80	DINGCHANG TRANSMISSION LTD.	0	0
81	DONYI POLO ASHOK HOTEL LTD.	99	158
82	DREDGING CORPN. OF INDIA LTD.	33588	30146
83	DUMKA TRANSMISSION LTD.	0	0
84	E. C. G. C. LTD.	25112	53637
85	EASTERN COALFIELDS LTD.	1166756	1181955
86	EASTERN INVESTMENT LTD.	86	139
87	EdCIL(India) Ltd.	9467	7976
88	ELECTRONICS CORPN. OF INDIA LTD.	60370	63190
89	ENGINEERING PROJECTS (INDIA) LTD.	9693	9733
90	ENGINEERS INDIA LTD.	159473	140691
91	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	5728	7457
92	FERRO SCRAP NIGAM LTD.	19043	19778
93	FERTILIZER CORPN. OF INDIA LTD.	18829	4155
94	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	3403	-19269
95	FOOD CORPN. OF INDIA	-9711589	-9289815
96	FRESH & HEALTHY ENTERPRISES LTD.	-143	-379
97	GAIL (INDIA) LTD.	1369845	1217032

S. No.	CPSEs	2017-18	2016-17
98	GAIL GAS LTD.	69870	24075
99	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	60449	40508
100	GHATAMPUR TRANSMISSION LTD.	0	0
101	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0
102	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1550	2913
103	GOA SHIPYARD LTD.	63764	40977
104	GRID CONDUCTOR LTD.	0	0
105	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	5093	4567
106	HEAVY ENGINEERING CORPN. LTD.	75926	10652
107	HEMISPHERE PROPERTIES INDIA LTD.	0	0
108	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	199	17
109	HIL (INDIA) LTD.	14865	13113
110	HINDUSTAN AERONAUTICS LTD.	1074079	1031247
111	HINDUSTAN ANTIBIOTICS LTD.	28976	128
112	HINDUSTAN CABLES LTD.	330003	330003
113	HINDUSTAN COPPER LTD.	77413	70878
114	HINDUSTAN FERTILIZER CORPN. LTD.	3821	312
115	HINDUSTAN FLUOROCARBONS LIMITED	2003	1620
116	HINDUSTAN NEWSPRINT LTD.	-2246	4095
117	HINDUSTAN ORGANIC CHEMICALS LTD.	12735	-2574
118	HINDUSTAN PAPER CORPORATION LTD.	-10865	-10865
119	HINDUSTAN PETROLEUM CORPN. LTD.	8059248	7684198
120	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	-1574	-1574
121	HINDUSTAN PREFAB LTD.	4636	4548
122	HINDUSTAN SALTS LTD.	1288	1053
123	HINDUSTAN SHIPYARD LTD.	23421	22729
124	HINDUSTAN STEELWORKS COSTN. LTD.	7521	-39533
125	HLL BIOTECH LTD.	-979	165
126	HLL INFRA TECH SERVICES LTD.	5530	3097
127	HLL LIFECARE LTD.	19234	21987
128	HLL MEDIPARK LTD	-525	-5
129	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0
130	HMT (INTERNATIONAL) LTD.	332	439
131	HMT BEARINGS LTD.	53	54
132	HMT CHINAR WATCHES LTD.	0	11
133	HMT LTD.	2092	2120
134	HMT MACHINE TOOLS LTD.	8951	10161
135	HMT WATCHES LTD.	0	154
136	HOOGHLY DOCK AND PORT ENGINEERS LTD.	-4682	-143
137	HOOGHLY PRINTING COMPANY LTD.	147	412
138	HOOGLY COCHIN SHIPYARD LTD.	-42	0
139	HOTEL CORPN. OF INDIA LTD.	3212	1952
140	HOUSING & URBAN DEV. CORPN. LTD.	128025	131678
141	HPCL BIOFUELS LTD.	4000	9170
142	HPCL RAJASTHAN REFINERY LTD.	-1936	
143	HSCC (INDIA) LTD.	11597	18965
144	I T I LTD.	52929	48292
145	IDPL (TAMILNADU) LTD.	-82	-82
146	IIFCL ASSET MANAGEMENT COMPANY LTD.	854	571
147	IIFCL PROJECTS LTD.	946	657

S. No.	CPSEs	2017-18	2016-17
148	INDIA INFRASTRUCTURE FINANCE CO. LTD.	-97776	46177
149	INDIA TOURISM DEV. CORPN. LTD.	23776	26677
150	INDIA TRADE PROMOTION ORGANISATION	26296	31888
151	INDIAN CATALYST PVT. LTD.	0	0
152	INDIAN DRUGS & PHARMACEUTICALS LTD.	844	2519
153	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	2841	2128
154	INDIAN OIL CORPORATION LTD.	22792660	20584353
155	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	71657	70733
156	INDIAN RAILWAY FINANCE CORPORATION LTD.	335846	213663
157	INDIAN RARE EARTHS LTD.	39429	34335
158	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	64555	57786
159	INDIAN VACCINE CORP. LTD.	-108	36
160	INDO RUSSIAN HELICOPTERS LTD.	0	0
161	INLAND & COASTAL SHIPPING LTD.	0	-9
162	INSTRUMENTATION LTD.	1060	1060
163	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0
164	IRCON INFRASTRUCTURE & SERVICES LTD.	2885	3067
165	IRCON INTERNATIONAL LTD.	87835	80408
166	IRCON PB TOLLWAY LTD.	2316	894
167	IRCON SHIVPURI GUNA TOLLWAY LTD.	1295	1048
168	J & K MINERAL DEVELOPMENT CORPN. LTD.	253	18
169	JAGDISHPUR PAPER MILLS LTD.	0	0
170	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	1009	1109
171	JHARKHAND CENTRAL RAILWAY LTD.	-3	0
172	JHARKHAND INFRAPOWER LTD.	0	0
173	JHARKHAND KOLHAN STEEL LTD.	-3	
174	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.		
175	KAMARAJAR PORT LTD.	60712	70141
176	KANTI BIJLEE UTPADAN NIGAM LTD.	31443	9551
177	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	16371	15157
178	KARNATAKA TRADE PROMOTION ORGANISATION	2140	5554
179	KARNATAKA VIJAY NAGAR STEEL LTD.		
180	KIOCL LTD.	38270	27232
181	KODERMA TRANSMISSION LTD.	0	0
182	KOLKATA METRO RAIL CORPORATION LTD.	2144	3393
183	KONKAN RAILWAY CORPORATION LTD.	76785	67018
184	KUMARAKRUPPA FRONTIER HOTELS LTD.	1317	1197
185	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	97	248
186	M M T C LTD.	103052	76145
187	M S T C LTD.	32647	27983
188	MADRAS FERTILIZERS LTD.	-105168	-88673
189	MAHANADI BASIN POWER LTD.		0
190	MAHANADI COAL RAILWAY LTD.		0
191	MAHANADI COALFIELDLS LTD.	1969842	1951351
192	MAHANAGAR TELEPHONE NIGAM LTD.	240920	268975
193	MAMC INDUSTRIES LTD.	0	0
194	MANDAR TRANSMISSION LTD.	0	0
195	MANGALORE REFINERY & PETROCHEMICALS LTD.	2055716	2401537
196	MAZAGON DOCK SHIPBUILDERS LTD.	195425	178251
197	MECON LTD.	43915	26543

S. No.	CPSEs	2017-18	2016-17
198	MEDINIPUR-JEERAT TRANSMISSION LTD.	19	0
199	MILLENNIUM TELECOM LTD.	267	115
200	MINERAL EXPLORATION CORPN. LTD.	29378	31594
201	MISHRA DHATU NIGAM LTD.	42296	39101
202	MJSJ COAL LTD.	0	0
203	MNH SHAKTI LTD.	0	0
204	MOHINDER GARH-BHIWANI TRANSMISSION LTD.		-5
205	MOIL LTD.	134534	93532
206	MUMBAI RAILWAY VIKAS CORPORATION LTD.	3716	5482
207	NAGALAND PULP & PAPER COMPANY LTD.	-141	-141
208	NAINI AEROSPACE LTD.	114	-37
209	NATIONAL ALUMINIUM COMPANY LTD.	606643	404837
210	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	2853	3336
211	NATIONAL FERTILIZERS LTD.	-442310	-488472
212	NATIONAL FILM DEV. CORPN. LTD.	5541	1944
213	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	799	473
214	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	-14760	-20265
215	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	9689	9585
216	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	20311	21453
217	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	878	878
218	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	6156	5374
219	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	16546	9831
220	NATIONAL RESEARCH DEVELOPMENT CORPN.	866	868
221	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	2177	1386
222	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	3168	5917
223	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	3461	3028
224	NATIONAL SEEDS CORPN. LTD.	8605	13364
225	NATIONAL SMALL INDUSTRIES CORPN. LTD.	35176	37736
226	NATIONAL TEXTILE CORPN. LTD.	17150	156849
227	NBCC (INDIA) LTD.	85788	72860
228	NBCC ENGINEERING AND CONSULTANCY LTD.	194	456
229	NBCC ENVIRONMENT ENGINEERING LTD.	0	0
230	NBCC INTERNATIONAL LTD.	0	0
231	NBCC SERVICES LTD.	2358	3426
232	NEPA LTD.	9744	35
233	NEYVELI UTTAR PRADESH POWER LTD	28	146
234	NHDC LTD.	96552	151692
235	NHPC LTD.	759945	745298
236	NLC INDIA LTD.	751551	714982
237	NLC TAMIL NADU POWER LTD.	109229	119377
238	NMDC Ltd.	833295	1449026
239	NMDC POWER LTD.	-6	-3
240	NMDC STEEL LTD.		
241	NMDC-CMDC LTD.	98	0
242	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	450	47
243	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	111330	88515
244	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	134	134
245	NORTHERN COALFIELDS LTD.	1439093	1288579
246	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	9	9

S. No.	CPSEs	2017-18	2016-17
247	NPCIL - NALCO POWER COMPANY LTD.	0	0
248	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	-16
249	NTPC LTD.	3029916	2761806
250	NTPC VIDYUT VYAPAR NIGAM LTD.	11907	14405
251	NUCLEAR POWER CORPN. OF INDIA LTD.	895320	643341
252	NUMALIGARH REFINERY LTD.	663829	663745
253	ODISHA INFRAPOWER LTD.	0	0
254	OIL & NATURAL GAS CORPORATION LTD.	5290061	6698443
255	OIL INDIA INTERNATIONAL LTD.	711	894
256	OIL INDIA LTD.	1096586	828777
257	ONGC MANGALORE PETROCHEMICALS LTD.	34113	31366
258	ONGC VIDESH LTD.	943819	798251
259	ORISSA DRUGS & CHEMICALS LTD.	512	512
260	ORISSA INTEGRATED POWER LTD.	0	13
261	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	-21494	4787
262	P E C LTD.	30782	-19421
263	PATRATU VIDYUT UTPADAN NIGAM LTD.	1173	4426
264	PAWAN HANS LTD.	29254	66925
265	PETRONET CCK LTD.	11769	11769
266	PFC CAPITAL ADVISORY SERVICE LTD.	56	191
267	PFC CONSULTING LTD.	7349	11555
268	PFC GREEN ENERGY LTD.	4415	4450
269	PONDICHERRY ASHOK HOTEL CORPN. LTD.	212	261
270	POWER GRID MITHILANCHAL TRANSMISSION LTD.		0
271	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0
272	POWER FINANCE CORPORATION LTD.	857082	527780
273	POWER GRID CORPORATION OF INDIA LTD.	2899410	2565325
274	POWER GRID JABALPUR TRANSMISSION LTD.	0	346
275	POWER GRID PARLI TRANSMISSION LTD.	1903	68
276	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	2	
277	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0
278	POWER GRID WARORA TRANSMISSION LTD.	9839	538
279	POWER SYSTEM OPERATION CORPORATION LTD.	21408	17881
280	POWERGRID KALA AMB TRANSMISSION LTD.	4154	0
281	POWERGRID NM TRANSMISSION LTD.	-2003	1458
282	POWERGRID UNCHAHAR TRANSMISSION LTD.	1585	379
283	POWERGRID VIZAG TRANSMISSION LTD.	23779	5899
284	PRIZE PETROLEUM COMPANY LTD.	740	-819
285	PROJECTS & DEVELOPMENT INDIA LTD.	6864	4684
286	PUNJAB ASHOK HOTEL COMPANY LTD.	-2	0
287	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	529	15
288	RAIL VIKAS NIGAM LTD.	105354	101299
289	RAILTEL CORPORATION INDIA LTD.	57882	50656
290	RAILTEL ENTERPRISES LTD.	512	249
291	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	6012	5149
292	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	994	994
293	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	4817	5156
294	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	39	29
295	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	-250495	-334294

S. No.	CPSEs	2017-18	2016-17
296	RASHTRIYA ISPAT NIGAM LTD.	430205	368295
297	REC POWER DISTRIBUTION CO. LTD.	7198	9393
298	REC TRANSMISSION PROJECTS CO. LTD.	-9999	5782
299	RICHARDSON & CRUDDAS(1972) LTD.	2062	2062
300	RITES INFRASTRUCTURE SERVICES LTD.		
301	RITES LTD.	112804	106430
302	RURAL ELECTRIFICATION CORPN. LTD.	709343	908014
303	SAGARMALA DEVELOPMENT COMPANY LTD.	489	0
304	SAIL REFRACTORY COMPANY LTD.	5503	6912
305	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0
306	SAMBHAR SALTS LTD.	1123	677
307	SCOOTERS INDIA LTD.	1428	4659
308	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	220057	233720
309	SETHUSAMUDRAM CORPN. LTD.	447	450
310	SHIPPING CORPORATION OF INDIA LTD.	152511	171077
311	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0
312	SIDCUL CONCOR INFRA COMPANY LTD.	-280	-277
313	SJVN LTD.	237059	286217
314	SJVN THERMAL PVT. LTD.	8	142
315	SOLAR ENERGY CORPORATION OF INDIA	14648	11361
316	SOUTH EASTERN COALFIELDS LTD.	2569374	2055860
317	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.		-5
318	STATE TRADING CORPN. OF INDIA LTD.	135890	58205
319	STCL LTD.	32	-9
320	STEEL AUTHORITY OF INDIA LTD.	2335472	1892097
321	TAMIL NADU TRADE PROMOTION ORGANISATION	4095	4136
322	TANDA TRANSMISSION COMPANY LTD.	0	0
323	TATIYA ANDHRA MEGA POWER LTD.	0	0
324	TCIL BINA TOLL ROAD LTD.	340	338
325	TCIL LAKHNADONE TOLL ROAD LTD.	376	61
326	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	33552	32715
327	THDC INDIA LTD.	203858	189674
328	THE BISRA STONE LIME COMPANY LTD.	1643	910
329	THE JUTE CORPN. OF INDIA LTD.	3415	1232
330	TUNGABHADRA STEEL PRODUCTS LTD.	0	0
331	URANIUM CORPORATION OF INDIA LTD.	79066	72019
332	UTKAL ASHOK HOTEL CORPN. LTD.	-12	-2
333	VIGNYAN INDUSTRIES LTD.	864	910
334	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	-42	0
335	WAPCOS LTD.	50827	45417
336	WESTERN COALFIELDS LTD.	476512	500907
337	WR-NR POWER TRANSMISSION LTD		0
338	YULE ELECTRICAL LTD.	0	0
339	YULE ENGINEERING COMPANY LTD.	0	0
GRAND TOTAL :		79909173	76652053

Statement 28
Contribution to Central Exchequer during 2017-18

PAYMENT TO CENTRAL EXCHEQUER				(₹. in Lakhs)
Sr. No.	CPSEs	2017-18	2016-17	2015-16
1	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	9567	0	0
2	AGRINNOVATE INDIA LTD.	64	109	149
3	AIR INDIA AIR TRANSPORT SERVICES LTD.	11171	11171	12188
4	AIR INDIA ENGINEERING SERVICES LTD.	0	0	0
5	AIR INDIA EXPRESS LTD.	0	1661	3709
6	AIR INDIA LTD.	0	146516	0
7	AIRLINE ALLIED SERVICES LTD.	5112	0	0
8	AIRPORTS AUTHORITY OF INDIA	701433	444453	324953
9	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	0	0	0
10	ANDREW YULE & COMPANY LTD.	1562	6577	2650
11	ANTRIX CORPORATION LTD.	90906	41436	47100
12	ANUSHAKTI VIDHYUT NIGAM LTD.	0	0	0
13	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	146	184	62
14	BALLABGARH - GN TRANSMISSION CO. LTD.	0	0	0
15	BALMER LAWRIE & CO. LTD.	15244	22062	23611
16	BALMER LAWRIE INVESTMENTS LTD.	3293	2968	1859
17	BEL OPTRONICS DEVICES LTD.	2449	2742	1692
18	BEL-THALES SYSTEMS LTD.	118	1	1
19	BEML LTD.	85230	59233	53251
20	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	84	872	923
21	BHARAT BROADBAND NETWORK LTD.	62	93	37
22	BHARAT COKING COAL LTD.	174895	191553	132356
23	BHARAT DYNAMICS LTD.	96556	128246	88937
24	BHARAT ELECTRONICS LTD.	301512	286838	178962
25	BHARAT HEAVY ELECTRICALS LTD.	268836	124553	106694
26	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	0	0	617
27	BHARAT PETRO RESOURCES JPDA	2	2	0
28	BHARAT PETRO RESOURCES LTD.	93	119	38
29	BHARAT PETROLEUM CORPN. LTD.	4689922	4649643	3406586
30	BHARAT PUMPS & COMPRESSORS LTD.	380	380	0
31	BHARAT SANCHAR NIGAM LTD.	0	0	0
32	BHARAT WAGON & ENGG. CO. LTD.	17	17	4
33	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	792	1361	1158
34	BHARTIYA RAIL BIJLEE CO. LTD.	1065	360	0
35	BHEL ELECTRICAL MACHINES LTD.	72	135	0
36	BIHAR INFRAPOWER LTD.	0	0	0
37	BIHAR MEGA POWER LTD.	0	0	0
38	BIJAWAR-VIDARBHA TRANSMISSION LTD	0	0	0
39	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	0	0	0
40	BIRDS JUTE & EXPORTS LTD.	25	25	5
41	BPCL-KIAL FUEL PVT. LTD.	0	0	0
42	BRAHAMPUTRA CRACKERS & POLYMER LTD.	4359	4605	4961
43	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.	222	611	484
44	BRAITHWAITE & CO. LTD.	658	583	360
45	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1183	2665	2539
46	BRIDGE & ROOF CO.(INDIA) LTD.	11737	8488	11958

Sr. No.	CPSEs	2017-18	2016-17	2015-16
47	BRITISH INDIA CORPORATION LTD.	0	0	0
48	BROADCAST ENGG. CONSULTANTS INDIA LTD.	977	606	370
49	BUNDELKHAND SAUR URJA LTD.	0	0	0
50	BURN STANDARD COMPANY LTD.	217	217	197
51	CEMENT CORPN. OF INDIA LTD.	4775	4373	3731
52	CENTRAL COALFIELDS LTD.	445922	506891	355127
53	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	180	168	114
54	CENTRAL ELECTRONICS LTD.	1269	1201	1308
55	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	0	0	0
56	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	14220	1411	12946
57	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	1760	1552	1517
58	CENTRAL WAREHOUSING CORPN.	19057	20050	20596
59	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	843	709	738
60	CHANDIGARH INTERNATIONAL AIRPORT LTD.	650	0	0
61	CHANDIL TRANSMISSION LTD.	0	0	0
62	CHENNAI PETROLEUM CORPORATION LTD.	1274134	1347062	904343
63	CHEYYUR INFRA LTD.	0	0	0
64	CHHATTISGARH EAST RAILWAYS LTD.	30	78	67
65	CHHATTISGARH EAST-WEST RAILWAYS LTD.	395	354	0
66	CHHATTISGARH MEGA STEEL CO. LTD.	0	0	0
67	CHHATTISGARH SURGUJA POWER LTD.	0	0	0
68	COAL INDIA LTD.	852084	1057330	1438714
69	COASTAL KARNATAKA POWER LTD.	0	0	0
70	COASTAL MAHARASHTRA MEGA POWER LTD.	0	0	0
71	COASTAL TAMIL NADU POWER LTD.	0	0	0
72	COCHIN SHIPYARD LTD.	22166	18617	19637
73	CONCOR AIR LTD.	696	742	737
74	CONTAINER CORPORATION OF INDIA LTD.	95050	77501	102789
75	COTTON CORPN. OF INDIA LTD.	3600	3234	11997
76	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	20396	21944	10855
77	DELHI POLICE HOUSING CORPORATION LTD.	0	21	0
78	DEOGHAR INFRA LTD.	0	0	0
79	DEOGHAR MEGA POWER LTD.	0	0	0
80	DINGCHANG TRANSMISSION LTD.	0	0	0
81	DONYI POLO ASHOK HOTEL LTD.	5	7	24
82	DREDGING CORPN. OF INDIA LTD.	6080	8287	8570
83	DUMKA TRANSMISSION LTD.	0	0	0
84	E. C. G. C. LTD.	179	8884	23424
85	EASTERN COALFIELDS LTD.	22267	237980	104215
86	EASTERN INVESTMENT LTD.	69	69	18
87	EdCIL(India) Ltd.	3743	2822	3602
88	ELECTRONICS CORPN. OF INDIA LTD.	11675	21841	20373
89	ENGINEERING PROJECTS (INDIA) LTD.	475	415	2032
90	ENGINEERS INDIA LTD.	59015	42997	33871
91	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.	2908	2959	3017
92	FERRO SCRAP NIGAM LTD.	3672	5722	4287
93	FERTILIZER CORPN. OF INDIA LTD.	3404	556	641
94	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.	11360	5091	4897
95	FOOD CORPN. OF INDIA	4326	11678	10122
96	FRESH & HEALTHY ENTERPRISES LTD.	28	4	3

Sr. No.	CPSEs	2017-18	2016-17	2015-16
97	GAIL (INDIA) LTD.	417235	374714	222671
98	GAIL GAS LTD.	5138	1916	3565
99	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	21657	15785	14343
100	GHATAMPUR TRANSMISSION LTD.	0	0	0
101	GHOARPALLI INTEGRATED POWER COMPANY LTD.	0	0	0
102	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	618	394	172
103	GOA SHIPYARD LTD.	23131	6844	5471
104	GRID CONDUCTOR LTD.	0	0	0
105	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	5546	5254	18739
106	HEAVY ENGINEERING CORPN. LTD.	9313	2485	1722
107	HEMISPHERE PROPERTIES INDIA LTD.	0	0	0
108	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	124	5	0
109	HIL (INDIA) LTD.	2372	1626	1646
110	HINDUSTAN AERONAUTICS LTD.	583096	435854	887569
111	HINDUSTAN ANTIBIOTICS LTD.	302	273	280
112	HINDUSTAN CABLES LTD.	4409	4409	52
113	HINDUSTAN COPPER LTD.	19071	16224	12395
114	HINDUSTAN FERTILIZER CORPN. LTD.	1299	0	716335
115	HINDUSTAN FLUOROCARBONS LIMITED	292	293	498
116	HINDUSTAN NEWSPRINT LTD.	460	785	730
117	HINDUSTAN ORGANIC CHEMICALS LTD.	6614	0	0
118	HINDUSTAN PAPER CORPORATION LTD.	0	0	0
119	HINDUSTAN PETROLEUM CORPN. LTD.	3100366	3205276	2241838
120	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	0	0	0
121	HINDUSTAN PREFAB LTD.	1112	1414	2066
122	HINDUSTAN SALTS LTD.	452	465	380
123	HINDUSTAN SHIPYARD LTD.	3382	547	436
124	HINDUSTAN STEELWORKS COSTN. LTD.	2015	2564	5120
125	HLL BIOTECH LTD.	99	376	0
126	HLL INFRA TECH SERVICES LTD.	961	922	275
127	HLL LIFECARE LTD.	2579	3467	9917
128	HLL MEDIPARK LTD	0	0	0
129	HLL MOTHER & CHILD CARE HOSPITALS LTD.	0	0	0
130	HMT (INTERNATIONAL) LTD.	28	64	124
131	HMT BEARINGS LTD.	28	52	83
132	HMT CHINAR WATCHES LTD.	0	11	0
133	HMT LTD.	256	4571	254
134	HMT MACHINE TOOLS LTD.	1813	2966	2874
135	HMT WATCHES LTD.	0	59	109
136	HOOGHLY DOCK AND PORT ENGINEERS LTD.	8128	8128	5176
137	HOOGHLY PRINTING COMPANY LTD.	29	24	6
138	HOOGLY COCHIN SHIPYARD LTD.	8	0	0
139	HOTEL CORPN. OF INDIA LTD.	366	176	0
140	HOUSING & URBAN DEV. CORPN. LTD.	59521	63211	50914
141	HPCL BIOFUELS LTD.	624	1073	242
142	HPCL RAJASTHAN REFINERY LTD.	0	0	0
143	HSCC (INDIA) LTD.	5015	5000	5817
144	I T I LTD.	2453	10079	8034
145	IDPL (TAMILNADU) LTD.	0	0	0
146	IIFCL ASSET MANAGEMENT COMPANY LTD.	220	123	109

Sr. No.	CPSEs	2017-18	2016-17	2015-16
147	IIFCL PROJECTS LTD.	183	0	0
148	INDIA INFRASTRUCTURE FINANCE CO. LTD.	29192	32776	53070
149	INDIA TOURISM DEV. CORPN. LTD.	3730	9258	3549
150	INDIA TRADE PROMOTION ORGANISATION	1994	3597	3088
151	INDIAN CATALYST PVT. LTD.	0	0	0
152	INDIAN DRUGS & PHARMACEUTICALS LTD.	0	0	0
153	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	210	210	222
154	INDIAN OIL CORPORATION LTD.	10336126	10281657	6745862
155	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	26416	39317	28530
156	INDIAN RAILWAY FINANCE CORPORATION LTD.	123832	111449	64679
157	INDIAN RARE EARTHS LTD.	7251	3905	6791
158	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	30014	28702	33196
159	INDIAN VACCINE CORP. LTD.	0	0	0
160	INDO RUSSIAN HELICOPTERS LTD.	0	0	0
161	INLAND & COASTAL SHIPPING LTD.	0	0	0
162	INSTRUMENTATION LTD.	2727	2727	889
163	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	0	0	0
164	IRCON INFRASTRUCTURE & SERVICES LTD.	81	23	604
165	IRCON INTERNATIONAL LTD.	29404	12188	19179
166	IRCON PB TOLLWAY LTD.	604	504	0
167	IRCON SHIVPURI GUNA TOLLWAY LTD.	1252	886	0
168	J & K MINERAL DEVELOPMENT CORPN. LTD.	0	0	0
169	JAGDISHPUR PAPER MILLS LTD.	0	0	0
170	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	191	215	0
171	JHARKHAND CENTRAL RAILWAY LTD.	0	0	0
172	JHARKHAND INFRAPOWER LTD.	0	0	0
173	JHARKHAND KOLHAN STEEL LTD.	0	0	0
174	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	0	0	0
175	KAMARAJAR PORT LTD.	23972	21081	28362
176	KANTI BIJLEE UTPADAN NIGAM LTD.	155	218	0
177	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.	4741	3509	2957
178	KARNATAKA TRADE PROMOTION ORGANISATION	7	48	0
179	KARNATAKA VIJAY NAGAR STEEL LTD.	0	0	0
180	KIOCL LTD.	7168	5878	3260
181	KODERMA TRANSMISSION LTD.	0	0	0
182	KOLKATA METRO RAIL CORPORATION LTD.	809	0	0
183	KONKAN RAILWAY CORPORATION LTD.	2483	843	1254
184	KUMARAKRUPPA FRONTIER HOTELS LTD.	807	678	902
185	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	25	128	155
186	M M T C LTD.	68501	47640	64100
187	M S T C LTD.	8011	7817	5215
188	MADRAS FERTILIZERS LTD.	1400	571	420
189	MAHANADI BASIN POWER LTD.	0	0	0
190	MAHANADI COAL RAILWAY LTD.	0	0	0
191	MAHANADI COALFIELDLS LTD.	981731	1017427	692067
192	MAHANAGAR TELEPHONE NIGAM LTD.	18304	36245	36245
193	MAMC INDUSTRIES LTD.	0	0	0
194	MANDAR TRANSMISSION LTD.	0	0	0
195	MANGALORE REFINERY & PETROCHEMICALS LTD.	1596100	1727224	1173967
196	MAZAGON DOCK SHIPBUILDERS LTD.	69701	58369	55175

Sr. No.	CPSEs	2017-18	2016-17	2015-16
197	MECON LTD.	6101	7790	8662
198	MEDINIPUR-JEERAT TRANSMISSION LTD.	1	0	0
199	MILLENNIUM TELECOM LTD.	205	68	0
200	MINERAL EXPLORATION CORPN. LTD.	11946	12882	7751
201	MISHRA DHATU NIGAM LTD.	15048	16923	14334
202	MJSJ COAL LTD.	0	0	0
203	MNH SHAKTI LTD.	0	0	0
204	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	0	0	0
205	MOIL LTD.	38924	19730	18110
206	MUMBAI RAILWAY VIKAS CORPORATION LTD.	56	50	42
207	NAGALAND PULP & PAPER COMPANY LTD.	0	0	0
208	NAINI AEROSPACE LTD.	8	0	0
209	NATIONAL ALUMINIUM COMPANY LTD.	185709	128831	115490
210	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.	0	0	0
211	NATIONAL FERTILIZERS LTD.	23921	27156	15290
212	NATIONAL FILM DEV. CORPN. LTD.	1670	683	71
213	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	0	0	0
214	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	2644	2568	1882
215	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	1637	198	74
216	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	5766	7127	5628
217	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	86	86	0
218	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	0	0	7
219	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	2661	0	0
220	NATIONAL RESEARCH DEVELOPMENT CORPN.	200	149	86
221	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	2	101	2
222	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.	5	177	143
223	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	1	1	0
224	NATIONAL SEEDS CORPN. LTD.	1344	2245	2678
225	NATIONAL SMALL INDUSTRIES CORPN. LTD.	6222	6504	6140
226	NATIONAL TEXTILE CORPN. LTD.	1792	936	1181
227	NBCC (INDIA) LTD.	17969	17792	15544
228	NBCC ENGINEERING AND CONSULTANCY LTD.	26	55	55
229	NBCC ENVIRONMENT ENGINEERING LTD.	0	0	0
230	NBCC INTERNATIONAL LTD.	0	0	0
231	NBCC SERVICES LTD.	505	1858	922
232	NEPA LTD.	23	51	139
233	NEYVELI UTTAR PRADESH POWER LTD	5	17	6
234	NHDC LTD.	106205	61156	37111
235	NHPC LTD.	174645	317093	226460
236	NLC INDIA LTD.	135427	217157	114917
237	NLC TAMIL NADU POWER LTD.	6282	22090	7081
238	NMDC Ltd.	430553	1064628	665578
239	NMDC POWER LTD.	0	0	0
240	NMDC STEEL LTD.	0	0	0
241	NMDC-CMDC LTD.	0	0	0
242	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	19	4	0
243	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	21032	25449	24279
244	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	0	0	0
245	NORTHERN COALFIELDS LTD.	564549	628796	385336

Sr. No.	CPSEs	2017-18	2016-17	2015-16
246	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2	3	3
247	NPCIL - NALCO POWER COMPANY LTD.	0	0	0
248	NTPC ELECTRIC SUPPLY COMPANY LTD.	0	0	2414
249	NTPC LTD.	187311	606454	416124
250	NTPC VIDYUT VYAPAR NIGAM LTD.	4490	4116	3209
251	NUCLEAR POWER CORPN. OF INDIA LTD.	474739	188633	192678
252	NUMALIGARH REFINERY LTD.	437924	389011	288076
253	ODISHA INFRAPOWER LTD.	0	0	0
254	OIL & NATURAL GAS CORPORATION LTD.	1334613	1342703	1040616
255	OIL INDIA INTERNATIONAL LTD.	0	0	0
256	OIL INDIA LTD.	295828	183671	214689
257	ONGC MANGALORE PETROCHEMICALS LTD.	56	12	48
258	ONGC VIDESH LTD.	5128	770	204
259	ORISSA DRUGS & CHEMICALS LTD.	105	105	115
260	ORISSA INTEGRATED POWER LTD.	0	0	0
261	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	265	265	1350
262	P E C LTD.	15349	12949	9488
263	PATRATU VIDYUT UTPADAN NIGAM LTD.	1216	299	0
264	PAWAN HANS LTD.	3185	0	0
265	PETRONET CCK LTD.	0	0	0
266	PFC CAPITAL ADVISORY SERVICE LTD.	9	40	71
267	PFC CONSULTING LTD.	2983	3518	2250
268	PFC GREEN ENERGY LTD.	1307	1277	1072
269	PONDICHERRY ASHOK HOTEL CORPN. LTD.	34	59	38
270	POWER GRID MITHILANCHAL TRANSMISSION LTD.	0	0	0
271	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	0	0	0
272	POWER FINANCE CORPORATION LTD.	314136	345683	470017
273	POWER GRID CORPORATION OF INDIA LTD.	526604	355907	244905
274	POWER GRID JABALPUR TRANSMISSION LTD.	0	346	0
275	POWER GRID PARLI TRANSMISSION LTD.	1524	68	0
276	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	2	1	0
277	POWER GRID VEMAGIRI TRANSMISSION LTD.	0	0	0
278	POWER GRID WARORA TRANSMISSION LTD.	3258	172	0
279	POWER SYSTEM OPERATION CORPORATION LTD.	2696	1270	2671
280	POWERGRID KALA AMB TRANSMISSION LTD.	703	0	0
281	POWERGRID NM TRANSMISSION LTD.	9	264	0
282	POWERGRID UNCHAHAR TRANSMISSION LTD.	40	0	0
283	POWERGRID VIZAG TRANSMISSION LTD.	2092	2	2
284	PRIZE PETROLEUM COMPANY LTD.	239	60	28
285	PROJECTS & DEVELOPMENT INDIA LTD.	885	1181	1365
286	PUNJAB ASHOK HOTEL COMPANY LTD.	0	0	0
287	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	79	0	0
288	RAIL VIKAS NIGAM LTD.	36545	47897	4609
289	RAILTEL CORPORATION INDIA LTD.	20962	15541	17685
290	RAILTEL ENTERPRISES LTD.	37	31	54
291	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	1709	1381	241
292	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	75	75	75
293	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1335	1515	1511
294	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	5	9	10

Sr. No.	CPSEs	2017-18	2016-17	2015-16
295	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.	47478	36264	50591
296	RASHTRIYA ISPAT NIGAM LTD.	181033	150143	139753
297	REC POWER DISTRIBUTION CO. LTD.	1860	5020	2702
298	REC TRANSMISSION PROJECTS CO. LTD.	1597	2299	2091
299	RICHARDSON & CRUDDAS(1972) LTD.	296	296	29
300	rites INFRASTRUCTURE SERVICES LTD.	0	0	14
301	rites LTD.	45192	27436	27445
302	RURAL ELECTRIFICATION CORPN. LTD.	376220	408502	374978
303	SAGARMALA DEVELOPMENT COMPANY LTD.	129	0	0
304	SAIL REFRACTORY COMPANY LTD.	2447	2975	2703
305	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	0	0	0
306	SAMBHAR SALTS LTD.	19	23	21
307	SCOOTERS INDIA LTD.	325	1240	1544
308	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	63990	19205	2833
309	SETHUSAMUDRAM CORPN. LTD.	0	0	162
310	SHIPPING CORPORATION OF INDIA LTD.	26489	33439	32102
311	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	0	0	0
312	SIDCUL CONCOR INFRA COMPANY LTD.	122	129	203
313	SJVN LTD.	57919	130892	72263
314	SJVN THERMAL PVT. LTD.	8	138	29
315	SOLAR ENERGY CORPORATION OF INDIA	8347	3280	989
316	SOUTH EASTERN COALFIELDS LTD.	835957	1051058	705833
317	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	0	0	0
318	STATE TRADING CORPN. OF INDIA LTD.	94115	42951	103098
319	STCL LTD.	0	0	2
320	STEEL AUTHORITY OF INDIA LTD.	689371	778756	603216
321	TAMIL NADU TRADE PROMOTION ORGANISATION	507	497	409
322	TANDA TRANSMISSION COMPANY LTD.	0	0	0
323	TATIYA ANDHRA MEGA POWER LTD.	0	0	0
324	TCIL BINA TOLL ROAD LTD.	0	0	0
325	TCIL LAKHNADONE TOLL ROAD LTD.	1	1	0
326	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	4188	3029	3868
327	THDC INDIA LTD.	52389	51320	38316
328	THE BISRA STONE LIME COMPANY LTD.	74	74	62
329	THE JUTE CORPN. OF INDIA LTD.	313	295	24
330	TUNGABHADRA STEEL PRODUCTS LTD.	0	0	0
331	URANIUM CORPORATION OF INDIA LTD.	7231	9450	4899
332	UTKAL ASHOK HOTEL CORPN. LTD.	0	0	0
333	VIGNYAN INDUSTRIES LTD.	164	206	359
334	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	0	0	0
335	WAPCOS LTD.	15663	13818	13307
336	WESTERN COALFIELDS LTD.	17398	26971	53097
337	WR-NR POWER TRANSMISSION LTD	40	0	0
338	YULE ELECTRICAL LTD.	0	0	0
339	YULE ENGINEERING COMPANY LTD.	0	0	0
	TOTAL	35005198	36081500	27583982

APPENDIX - I
CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT MINISTRIES
DEPARTMENTS AS ON 31.3.2018

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF AGRICULTURE AND FARMERS WELFARE		
D/O AGRICULTURE COOPERATION AND FARMERS WELFARE		
1	NATIONAL SEEDS CORPN. LTD.	1963
MINISTRY OF AGRICULTURE AND FARMERS WELFARE		
D/O AGRICULTURE RESEARCH AND EDUCATION		
2	AGRINNOVATE INDIA LTD.	2011
MINISTRY OF AYUSH		
3	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.	1978
MINISTRY OF CHEMICALS & FERTILIZERS		
D/O CHEMICALS & PETROCHEMICALS		
4	BRAHMAPUTRA CRACKERS & POLYMER LTD.	2007
5	HIL (INDIA) LTD.	1954
6	HINDUSTAN FLUOROCARBONS LIMITED	1983
7	HINDUSTAN ORGANIC CHEMICALS LTD.	1960
MINISTRY OF CHEMICALS & FERTILIZERS		
D/O FERTILIZER		
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
MINISTRY OF CHEMICALS & FERTILIZERS		
D/O PHARMACEUTICALS		
17	BENGAL CHEMICALS & PHARMACEUTICALS LTD.	1901
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
MINISTRY OF CIVIL AVIATION		
24	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.	2016
25	AIR INDIA AIR TRANSPORT SERVICES LTD.	2003
26	AIR INDIA ENGINEERING SERVICES LTD.	2004
27	AIR INDIA EXPRESS LTD.	1971
28	AIR INDIA LTD.	2007

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
29	AIRLINE ALLIED SERVICES LTD.	1983
30	AIRPORTS AUTHORITY OF INDIA	1995
31	CHANDIGARH INTERNATIONAL AIRPORT LTD.	2010
32	HOTEL CORPN. OF INDIA LTD.	1971
33	PAWAN HANS LTD.	1985
MINISTRY OF COAL		
34	BHARAT COKING COAL LTD.	1972
35	CENTRAL COALFIELDS LTD.	1975
36	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.	1975
37	CHHATTISGARH EAST RAILWAYS LTD.	2013
38	CHHATTISGARH EAST-WEST RAILWAYS LTD.	2013
39	COAL INDIA LTD.	1973
40	EASTERN COALFIELDS LTD.	1975
41	JHARKHAND CENTRAL RAILWAY LTD.	2015
42	MAHANADI BASIN POWER LTD.	2012
43	MAHANADI COAL RAILWAY LTD.	2015
44	MAHANADI COALFIELDS LTD.	1992
45	MJSJ COAL LTD.	2009
46	MNH SHAKTI LTD.	2009
47	NEYVELI UTTAR PRADESH POWER LTD	2012
48	NLC INDIA LTD.	1956
49	NLC TAMIL NADU POWER LTD.	2005
50	NORTHERN COALFIELDS LTD.	1985
51	SOUTH EASTERN COALFIELDS LTD.	1985
52	WESTERN COALFIELDS LTD.	1975
MINISTRY OF COMMERCE & INDUSTRY		
D/O COMMERCE		
53	E. C. G. C. LTD.	1957
54	INDIA TRADE PROMOTION ORGANISATION	1976
55	KARNATAKA TRADE PROMOTION ORGANISATION	2000
56	M M T C LTD.	1963
57	P E C LTD.	1971
58	STATE TRADING CORPN. OF INDIA LTD.	1956
59	STCL LTD.	1982
60	TAMIL NADU TRADE PROMOTION ORGANISATION	2000
MINISTRY OF COMMERCE & INDUSTRY		
D/O INDUSTRIAL POLICY & PROMOTION		
61	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD	2005
MINISTRY OF COMMUNICATION		
D/O TELECOMMUNICATIONS		
62	BHARAT BROADBAND NETWORK LTD.	2012
63	BHARAT SANCHAR NIGAM LTD.	2000
64	HEMISPHERE PROPERTIES INDIA LTD.	2005

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
65	I T I LTD.	1950
66	MAHANAGAR TELEPHONE NIGAM LTD.	1986
67	MILLENNIUM TELECOM LTD.	2000
68	TCIL BINA TOLL ROAD LTD.	2012
69	TCIL LAKHNADONE TOLL ROAD LTD.	2013
70	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.	1978
MINISTRY OF CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION		
D/O FOOD & PUBLIC DISTRIBUTION		
71	CENTRAL RAILSIDE WAREHOUSE CO. LTD.	2007
72	CENTRAL WAREHOUSING CORPN.	1957
73	FOOD CORPN. OF INDIA	1965
MINISTRY OF DEFENCE		
D/O DEFENCE PRODUCTION		
74	BEL OPTRONICS DEVICES LTD.	1990
75	BEL-THALES SYSTEMS LTD.	2014
76	BEML LTD.	1964
77	BHARAT DYNAMICS LTD.	1970
78	BHARAT ELECTRONICS LTD.	1954
79	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.	1934
80	GOA SHIPYARD LTD.	1957
81	HINDUSTAN AERONAUTICS LTD.	1964
82	HINDUSTAN SHIPYARD LTD.	1952
83	INDO RUSSIAN HELICOPTERS LTD.	2017
84	MAMC INDUSTRIES LTD.	2010
85	MAZAGON DOCK SHIPBUILDERS LTD.	1934
86	MISHRA DHATU NIGAM LTD.	1973
87	NAINI AEROSPACE LTD.	2016
88	VIGNYAN INDUSTRIES LTD.	1963
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION		
89	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.	1977
90	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.	1982
MINISTRY OF ELECTRONIC & INFORMATION TECHNOLOGY		
91	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED	1995
MINISTRY OF ENVIRONMENT, FORESTS CLIMATE CHANGE		
92	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORP.LTD	1977
MINISTRY OF FINANCE		
D/O ECONOMIC AFFAIRS		
93	SECURITY PRINTING & MINTING CORPN. INDIA LTD.	2006
MINISTRY OF FINANCE		
D/O FINANCIAL SERVICES		
94	IIFCL ASSET MANAGEMENT COMPANY LTD.	2012
95	IIFCL PROJECTS LTD.	2012
96	INDIA INFRASTRUCTURE FINANCE CO. LTD.	2006

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF HEALTH & FAMILY WELFARE		
DEPARTMENT OF HEALTH AND FAMILY WELFARE		
97	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.	1980
98	HLL BIOTECH LTD.	2012
99	HLL INFRA TECH SERVICES LTD.	2014
100	HLL LIFECARE LTD.	1966
101	HLL MEDIPARK LTD	2016
102	HLL MOTHER & CHILD CARE HOSPITALS LTD.	2017
103	HSCC (INDIA) LTD.	1983
MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES		
D/O HEAVY INDUSTRIES		
104	ANDREW YULE & COMPANY LTD.	1919
105	BHARAT HEAVY ELECTRICALS LTD.	1964
106	BHARAT PUMPS & COMPRESSORS LTD.	1970
107	BHEL ELECTRICAL MACHINES LTD.	2011
108	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	1935
109	BRIDGE & ROOF CO.(INDIA) LTD.	1920
110	CEMENT CORPN. OF INDIA LTD.	1965
111	ENGINEERING PROJECTS (INDIA) LTD.	1970
112	HEAVY ENGINEERING CORPN. LTD.	1958
113	HINDUSTAN CABLES LTD.	1952
114	HINDUSTAN NEWSPRINT LTD.	1983
115	HINDUSTAN PAPER CORPORATION LTD.	1970
116	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	1960
117	HINDUSTAN SALTS LTD.	1958
118	HMT (INTERNATIONAL) LTD.	1974
119	HMT BEARINGS LTD.	1964
120	HMT CHINAR WATCHES LTD.	2000
121	HMT LTD.	1953
122	HMT MACHINE TOOLS LTD.	1999
123	HMT WATCHES LTD.	1999
124	HOOGLY PRINTING COMPANY LTD.	1922
125	INSTRUMENTATION LTD.	1964
126	JAGDISHPUR PAPER MILLS LTD.	2008
127	NAGALAND PULP & PAPER COMPANY LTD.	1971
128	NEPA LTD.	1947
129	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.	1981
130	RICHARDSON & CRUDDAS(1972) LTD.	1973
131	SAMBHAR SALTS LTD.	1964
132	SCOOTERS INDIA LTD.	1972
133	TUNGABHADRA STEEL PRODUCTS LTD.	1960
134	YULE ELECTRICAL LTD.	2007
135	YULE ENGINEERING COMPANY LTD.	2007

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
MINISTRY OF HOME AFFAIRS		
136	DELHI POLICE HOUSING CORPORATION LTD.	2007
MINISTRY OF HOUSING & URBAN AFFAIRS		
137	HINDUSTAN PREFAB LTD.	1953
138	HINDUSTAN STEELWORKS COSTN. LTD.	1964
139	HOUSING & URBAN DEV. CORPN. LTD.	1970
140	NBCC (INDIA) LTD.	1960
141	NBCC ENGINEERING AND CONSULTANCY LTD.	2015
142	NBCC ENVIRONMENT ENGINEERING LTD.	2017
143	NBCC INTERNATIONAL LTD.	2017
144	NBCC SERVICES LTD.	2014
MINISTRY OF HUMAN RESOURCE DEVELOPMENT		
D/O HIGHER EDUCATION		
145	EdCIL(India) Ltd.	1981
MINISTRY OF INFORMATION & BROADCASTING		
146	BROADCAST ENGG. CONSULTANTS INDIA LTD.	1995
147	NATIONAL FILM DEV. CORPN. LTD.	1975
MINISTRY OF MICRO SMALL & MEDIUM ENTERPRISES		
148	NATIONAL SMALL INDUSTRIES CORPN. LTD.	1955
MINISTRY OF MINES		
149	HINDUSTAN COPPER LTD.	1967
150	MINERAL EXPLORATION CORPN. LTD.	1972
151	NATIONAL ALUMINIUM COMPANY LTD.	1981
MINISTRY OF MINORITIES AFFAIRS		
152	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION	1994
MINISTRY OF NEW AND RENEWABLE ENERGY		
153	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.	1987
154	SOLAR ENERGY CORPORATION OF INDIA	2011
MINISTRY OF PETROLEUM & NATURAL GAS		
155	BALMER LAWRIE & CO. LTD.	1924
156	BALMER LAWRIE INVESTMENTS LTD.	2001
157	BHARAT PETRO RESOURCES JPDA	2006
158	BHARAT PETRO RESOURCES LTD.	2006
159	BHARAT PETROLEUM CORPN. LTD.	1976
160	BPCL-KIAL FUEL PVT. LTD.	2015
161	CERTIFICATION ENGINEERS INTERNATIONAL LTD.	1994
162	CHENNAI PETROLEUM CORPORATION LTD.	1965
163	ENGINEERS INDIA LTD.	1965
164	GAIL (INDIA) LTD.	1984
165	GAIL GAS LTD.	2008
166	HINDUSTAN PETROLEUM CORPN. LTD.	1952
167	HPCL BIOFUELS LTD.	2009
168	HPCL RAJASTHAN REFINERY LTD.	2012

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
169	INDIAN CATALYST PVT. LTD.	2006
170	INDIAN OIL CORPORATION LTD.	1964
171	MANGALORE REFINERY & PETROCHEMICALS LTD.	1988
172	NUMALIGARH REFINERY LTD.	1993
173	OIL & NATURAL GAS CORPORATION LTD.	1993
174	OIL INDIA INTERNATIONAL LTD.	2012
175	OIL INDIA LTD.	1959
176	ONGC MANGALORE PETROCHEMICALS LTD.	2015
177	ONGC VIDESH LTD.	1965
178	PETRONET CCK LTD.	1998
179	PRIZE PETROLEUM COMPANY LTD.	1998
180	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	2014
MINISTRY OF POWER		
181	BALLABGARH - GN TRANSMISSION CO. LTD.	2013
182	BHARTIYA RAIL BIJLEE CO. LTD.	2007
183	BIHAR INFRAPOWER LTD.	2015
184	BIHAR MEGA POWER LTD.	2015
185	BIJAWAR-VIDARBHA TRANSMISSION LTD	2017
186	BUNDELKHAND SAUR URJA LTD.	2014
187	CHANDIL TRANSMISSION LTD.	2017
188	CHEYUR INFRA LTD.	2014
189	CHHATTISHGARH SURGUJA POWER LTD.	2006
190	COASTAL KARNATAKA POWER LTD.	2006
191	COASTAL MAHARASHTRA MEGA POWER LTD.	2006
192	COASTAL TAMIL NADU POWER LTD.	2007
193	DEOGHAR INFRA LTD.	2015
194	DEOGHAR MEGA POWER LTD.	2012
195	DINGCHANG TRANSMISSION LTD.	2015
196	DUMKA TRANSMISSION LTD.	2018
197	GHATAMPUR TRANSMISSION LTD.	2016
198	GHOARPALLI INTEGRATED POWER COMPANY LTD.	2009
199	GRID CONDUCTOR LTD.	2015
200	JHARKHAND INFRAPOWER LTD.	2015
201	KANTI BIJLEE UTPADAN NIGAM LTD.	2006
202	KODERMA TRANSMISSION LTD.	2018
203	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	2009
204	MANDAR TRANSMISSION LTD.	2018
205	MEDINIPUR-JEERAT TRANSMISSION LTD.	2016
206	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	2014
207	NHDC LTD.	2000
208	NHPC LTD.	1975
209	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.	1976
210	NTPC ELECTRIC SUPPLY COMPANY LTD.	2002

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
211	NTPC LTD.	1975
212	NTPC VIDYUT VYAPAR NIGAM LTD.	2002
213	ODISHA INFRAPOWER LTD.	2014
214	ORISSA INTEGRATED POWER LTD.	2006
215	PATRATU VIDYUT UTPADAN NIGAM LTD.	2015
216	PFC CAPITAL ADVISORY SERVICE LTD.	2011
217	PFC CONSULTING LTD.	2008
218	PFC GREEN ENERGY LTD.	2011
219	POWER GRID MITHILANCHAL TRANSMISSION LTD.	2017
220	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	2008
221	POWER FINANCE CORPORATION LTD.	1986
222	POWER GRID CORPORATION OF INDIA LTD.	1989
223	POWER GRID JABALPUR TRANSMISSION LTD.	2014
224	POWER GRID PARLI TRANSMISSION LTD.	2014
225	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	2015
226	POWER GRID VEMAGIRI TRANSMISSION LTD.	2011
227	POWER GRID WARORA TRANSMISSION LTD.	2014
228	POWER SYSTEM OPERATION CORPORATION LTD.	2009
229	POWERGRID KALA AMB TRANSMISSION LTD.	2014
230	POWERGRID NM TRANSMISSION LTD.	2011
231	POWERGRID UNCHAHAR TRANSMISSION LTD.	2012
232	POWERGRID VIZAG TRANSMISSION LTD.	2011
233	REC POWER DISTRIBUTION CO. LTD.	2007
234	REC TRANSMISSION PROJECTS CO. LTD.	2007
235	RURAL ELECTRIFICATION CORPN. LTD.	1969
236	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	2009
237	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	2017
238	SJVN LTD.	1988
239	SJVN THERMAL PVT. LTD.	1988
240	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	2015
241	TANDA TRANSMISSION COMPANY LTD.	2013
242	TATIYA ANDHRA MEGA POWER LTD.	2010
243	THDC INDIA LTD.	1988
244	WR-NR POWER TRANSMISSION LTD	2017
MINISTRY OF RAILWAYS		
245	BHARAT WAGON & ENGG. CO. LTD.	1978
246	BRAITHWAITE & CO. LTD.	1976
247	BURN STANDARD COMPANY LTD.	1976
248	CONCOR AIR LTD.	2012
249	CONTAINER CORPORATION OF INDIA LTD.	1988
250	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	2007
251	FRESH & HEALTHY ENTERPRISES LTD.	2006
252	HIGH SPEED RAIL CORPORATION OF INDIA LTD.	2012

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
253	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.	1999
254	INDIAN RAILWAY FINANCE CORPORATION LTD.	1986
255	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	2017
256	IRCON INFRASTRUCTURE & SERVICES LTD.	2009
257	IRCON INTERNATIONAL LTD.	1976
258	IRCON PB TOLLWAY LTD.	2014
259	IRCON SHIVPURI GUNA TOLLWAY LTD.	2015
260	KOLKATA METRO RAIL CORPORATION LTD.	2010
261	KONKAN RAILWAY CORPORATION LTD.	1990
262	MUMBAI RAILWAY VIKAS CORPORATION LTD.	1999
263	PUNJAB LOGISTIC INFRASTRUCTURE LTD.	2014
264	RAIL VIKAS NIGAM LTD.	2003
265	RAILTEL CORPORATION INDIA LTD.	2000
266	RAILTEL ENTERPRISES LTD.	2014
267	RAILWAY ENERGY MANAGEMENT COMPANY LTD.	2013
268	RITES INFRASTRUCTURE SERVICES LTD.	2010
269	RITES LTD.	1974
270	SIDCUL CONCOR INFRA COMPANY LTD.	2013
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS		
271	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.	2014
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF BIOTECHNOLOGY		
272	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.	1989
273	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL	2012
274	INDIAN VACCINE CORP. LTD.	1989
MINISTRY OF SCIENCE & TECHNOLOGY		
DEPT. OF SCIENTIFIC & INDUSTRIAL RESEARCH		
275	CENTRAL ELECTRONICS LTD.	1974
276	NATIONAL RESEARCH DEVELOPMENT CORPN.	1953
MINISTRY OF SHIPPING		
277	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	1967
278	COCHIN SHIPYARD LTD.	1972
279	DREDGING CORPN. OF INDIA LTD.	1976
280	HOOGLY DOCK AND PORT ENGINEERS LTD.	1984
281	HOOGLY COCHIN SHIPYARD LTD.	2017
282	INLAND & COASTAL SHIPPING LTD.	2016
283	KAMARAJAR PORT LTD.	1999
284	SAGARMALA DEVELOPMENT COMPANY LTD.	2016
285	SETHUSAMUDRAM CORPN. LTD.	2004
286	SHIPPING CORPORATION OF INDIA LTD.	1961
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF EMPOWERMENT OF PERSONS WITH DISABILITY		

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
287	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA	1972
288	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.	1997
MINISTRY OF SOCIAL JUSTICE & EMPOWERMENT		
DEPT. OF SOCIAL JUSTICE & EMPOWERMENT		
289	NATIONAL BACKWARD CLASSES FINANCE & DEVPT.CO.	1992
290	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN	1997
291	NATIONAL SCHEDULED CASTES FINANCE & DEVPT. CORPN.	1989
MINISTRY OF STEEL		
292	CHHATTISGARH MEGA STEEL CO. LTD.	2015
293	EASTERN INVESTMENT LTD.	1927
294	FERRO SCRAP NIGAM LTD.	1979
295	J & K MINERAL DEVELOPMENT CORPN. LTD.	1989
296	JHARKHAND KOLHAN STEEL LTD.	2015
297	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	2012
298	KARNATAKA VIJAY NAGAR STEEL LTD.	2014
299	KIOCL LTD.	1976
300	M S T C LTD.	1964
301	MECON LTD.	1973
302	MOIL LTD.	1962
303	NMDC Ltd.	1958
304	NMDC POWER LTD.	2011
305	NMDC STEEL LTD.	2015
306	NMDC-CMDC LTD.	2008
307	ORISSA MINERAL DEVELOPMENT COMPANY LTD.	2010
308	RASHTRIYA ISPAT NIGAM LTD.	1982
309	SAIL REFRACTORY COMPANY LTD.	2011
310	STEEL AUTHORITY OF INDIA LTD.	1973
311	THE BISRA STONE LIME COMPANY LTD.	1910
MINISTRY OF TEXTILES		
312	BIRDS JUTE & EXPORTS LTD.	1904
313	BRITISH INDIA CORPORATION LTD.	1920
314	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.	1976
315	COTTON CORPN. OF INDIA LTD.	1970
316	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.	1958
317	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.	1983
318	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	1980
319	NATIONAL TEXTILE CORPN. LTD.	1968
320	THE JUTE CORPN. OF INDIA LTD.	1971
MINISTRY OF TOURISM		
321	DONYI POLO ASHOK HOTEL LTD.	1987
322	INDIA TOURISM DEV. CORPN. LTD.	1966
323	KUMARAKRUPPA FRONTIER HOTELS LTD.	2001
324	PONDICHERRY ASHOK HOTEL CORPN. LTD.	1986

S. No.	Ministry / Deptt. / CPSE	Year of Incorporation
325	PUNJAB ASHOK HOTEL COMPANY LTD.	1998
326	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.	1983
327	UTKAL ASHOK HOTEL CORPN. LTD.	1983
MINISTRY OF TRIBAL AFFAIRS		
328	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.	2001
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT & GANGA REJUVENATION		
329	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.	1957
330	WAPCOS LTD.	1969
DEPT. OF ATOMIC ENERGY		
331	ANUSHAKTI VIDHYUT NIGAM LTD.	2011
332	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	2003
333	ELECTRONICS CORPN. OF INDIA LTD.	1967
334	INDIAN RARE EARTHS LTD.	1950
335	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	2012
336	NPCIL - NALCO POWER COMPANY LTD.	2012
337	NUCLEAR POWER CORPN. OF INDIA LTD.	1987
338	URANIUM CORPORATION OF INDIA LTD.	1967
DEPT. OF SPACE		
339	ANTRIX CORPORATION LTD.	1992

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT SECTORS/COGNATE GROUPS AS ON

31.3.2018

S. No.	Sector / Cognate Group / CPSE
AGRICULTURE	
AGRO BASED INDUSTRIES	
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD
2	HPCL BIOFUELS LTD
3	NATIONAL SEEDS CORPN. LTD.
MINING AND EXPLORATION	
COAL	
4	BHARAT COKING COAL LTD.
5	CENTRAL COALFIELDS LTD.
6	COAL INDIA LTD.
7	EASTERN COALFIELDS LTD.
8	MAHANADI COALFIELDLS LTD.
9	NORTHERN COALFIELDS LTD.
10	SOUTH EASTERN COALFIELDS LTD.
11	WESTERN COALFIELDS LTD.
MINING AND EXPLORATION	
CRUDE OIL	
12	BHARAT PETRO RESOURCES LTD.
13	OIL & NATURAL GAS CORPORATION LTD.
14	OIL INDIA LTD.
15	ONGC VIDESH LTD.
16	PRIZE PETROLEUM COMPANY LTD.
MINING AND EXPLORATION	
OTHER MINERALS & METALS	
17	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
18	HINDUSTAN COPPER LTD.
19	INDIAN RARE EARTHS LTD.
20	J & K MINERAL DEVELOPMENT CORPN. LTD.
21	KIOCL LTD.
22	MOIL LTD.
23	NATIONAL ALUMINIUM COMPANY LTD.
24	NMDC Ltd.
25	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
26	THE BISRA STONE LIME COMPANY LTD.
27	URANIUM CORPORATION OF INDIA LTD.
MANUFACTURING,PROCESSING AND GENERATION	
STEEL	
28	FERRO SCRAP NIGAM LTD.
29	MISHRA DHATU NIGAM LTD.
30	RASHTRIYA ISPAT NIGAM LTD.
31	STEEL AUTHORITY OF INDIA LTD.

S. No.	Sector / Cognate Group / CPSE
MANUFACTURING, PROCESSING AND GENERATION	
PETROLEUM (REFINERY & MARKETING)	
32	BHARAT PETROLEUM CORPN. LTD.
33	CHENNAI PETROLEUM CORPORATION LTD.
34	HINDUSTAN PETROLEUM CORPN. LTD.
35	INDIAN OIL CORPORATION LTD.
36	MANGALORE REFINERY & PETROCHEMICALS LTD.
37	NUMALIGARH REFINERY LTD.
MANUFACTURING, PROCESSING AND GENERATION	
FERTILIZERS	
38	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
39	FERTILIZER CORPN. OF INDIA LTD.
40	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
41	HINDUSTAN FERTILIZER CORPN. LTD.
42	MADRAS FERTILIZERS LTD.
43	NATIONAL FERTILIZERS LTD.
44	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
MANUFACTURING, PROCESSING AND GENERATION	
CHEMICALS & PHARMACEUTICALS	
45	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
46	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
47	BRAHMAPUTRA CRACKERS & POLYMER LTD.
48	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
49	HIL (INDIA) LTD.
50	HINDUSTAN ANTIBIOTICS LTD.
51	HINDUSTAN FLUOROCARBONS LIMITED
52	HINDUSTAN ORGANIC CHEMICALS LTD.
53	HLL BIOTECH LTD.
54	IDPL (TAMILNADU) LTD.
55	INDIAN DRUGS & PHARMACEUTICALS LTD.
56	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
57	INDIAN VACCINE CORP. LTD.
58	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
59	ONGC MANGALORE PETROCHEMICALS LTD.
60	ORISSA DRUGS & CHEMICALS LTD.
61	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
MANUFACTURING, PROCESSING AND GENERATION	
HEAVY & MEDIUM ENGINEERING	
62	BALMER LAWRIE & CO. LTD.
63	BEL OPTRONICS DEVICES LTD.
64	BEL-THALES SYSTEMS LTD.
65	BHARAT DYNAMICS LTD.
66	BHARAT ELECTRONICS LTD.
67	BHARAT HEAVY ELECTRICALS LTD.
68	BHARAT PUMPS & COMPRESSORS LTD.

S. No.	Sector / Cognate Group / CPSE
69	BHARAT WAGON & ENGG. CO. LTD.
70	BHEL ELECTRICAL MACHINES LTD.
71	BRAITHWAITE & CO. LTD.
72	BURN STANDARD COMPANY LTD.
73	CENTRAL ELECTRONICS LTD.
74	COCHIN SHIPYARD LTD.
75	ELECTRONICS CORPN. OF INDIA LTD.
76	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
77	GOA SHIPYARD LTD.
78	HEAVY ENGINEERING CORPN. LTD.
79	HINDUSTAN AERONAUTICS LTD.
80	HINDUSTAN CABLES LTD.
81	HINDUSTAN SHIPYARD LTD.
82	HMT BEARINGS LTD.
83	HMT CHINAR WATCHES LTD.
84	HMT LTD.
85	HMT MACHINE TOOLS LTD.
86	HMT WATCHES LTD.
87	HOOGLY DOCK AND PORT ENGINEERS LTD.
88	I T I LTD.
89	INSTRUMENTATION LTD.
90	MAZAGON DOCK SHIPBUILDERS LTD.
91	NAINI AEROSPACE LTD.
92	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
93	RICHARDSON & CRUDDAS(1972) LTD.
94	SAIL REFRACTORY COMPANY LTD.
95	SCOOTERS INDIA LTD.
96	TUNGABHADRA STEEL PRODUCTS LTD.
97	VIGNYAN INDUSTRIES LTD.
MANUFACTURING,PROCESSING AND GENERATION	
TRANSPORATATION VEHICLE & EQUIPMENT	
98	BEML LTD.
MANUFACTURING,PROCESSING AND GENERATION	
INDUSTRIAL AND CONSUMER GOODS	
99	ANDREW YULE & COMPANY LTD.
100	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
101	CEMENT CORPN. OF INDIA LTD.
102	HINDUSTAN NEWSPRINT LTD.
103	HINDUSTAN PAPER CORPORATION LTD.
104	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
105	HINDUSTAN SALTS LTD.
106	HLL LIFECARE LTD.
107	HOOGLY PRINTING COMPANY LTD.
108	NAGALAND PULP & PAPER COMPANY LTD.
109	NEPA LTD.

S. No.	Sector / Cognate Group / CPSE
110	SAMBHAR SALTS LTD.
111	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
MANUFACTURING, PROCESSING AND GENERATION	
TEXTILES	
112	BIRDS JUTE & EXPORTS LTD.
113	BRITISH INDIA CORPORATION LTD.
114	NATIONAL JUTE MANUFACTURES CORPORATION LTD.
115	NATIONAL TEXTILE CORPN. LTD.
MANUFACTURING, PROCESSING AND GENERATION	
POWER GENERATION	
116	BHARTIYA RAIL BIJLEE CO. LTD.
117	KANTI BIJLEE UTPADAN NIGAM LTD.
118	NHDC LTD.
119	NHPC LTD.
120	NLC INDIA LTD.
121	NLC TAMIL NADU POWER LTD.
122	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
123	NTPC LTD.
124	NUCLEAR POWER CORPN. OF INDIA LTD.
125	PATRATU VIDYUT UTPADAN NIGAM LTD.
126	SJVN LTD.
127	THDC INDIA LTD.
SERVICES	
POWER TRANSMISSION	
128	NTPC ELECTRIC SUPPLY COMPANY LTD.
129	POWER GRID CORPORATION OF INDIA LTD.
130	POWER GRID WARORA TRANSMISSION LTD.
131	POWERGRID KALA AMB TRANSMISSION LTD.
132	POWERGRID NM TRANSMISSION LTD.
133	POWERGRID UNCHAHAHAR TRANSMISSION LTD.
134	POWERGRID VIZAG TRANSMISSION LTD.
135	REC POWER DISTRIBUTION CO. LTD.
136	REC TRANSMISSION PROJECTS CO. LTD.
SERVICES	
TRADING & MARKETING	
137	ANTRIX CORPORATION LTD.
138	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
139	COTTON CORPN. OF INDIA LTD.
140	FOOD CORPN. OF INDIA
141	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
142	HMT (INTERNATIONAL) LTD.
143	INDIA TRADE PROMOTION ORGANISATION
144	KARNATAKA TRADE PROMOTION ORGANISATION
145	M M T C LTD.
146	M S T C LTD.

S. No.	Sector / Cognate Group / CPSE
147	NATIONAL FILM DEV. CORPN. LTD.
148	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
149	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
150	NORTH EASTERN REGIONAL AGRI. MARKETING CORP.LTD.
151	NTPC VIDYUT VYAPAR NIGAM LTD.
152	P E C LTD.
153	STATE TRADING CORPN. OF INDIA LTD.
154	STCL LTD.
155	TAMIL NADU TRADE PROMOTION ORGANISATION
156	THE JUTE CORPN. OF INDIA LTD.
SERVICES	
TRANSPORT AND LOGISTIC SERVICES	
157	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
158	AIR INDIA AIR TRANSPORT SERVICES LTD.
159	AIR INDIA ENGINEERING SERVICES LTD.
160	AIR INDIA EXPRESS LTD.
161	AIR INDIA LTD.
162	AIRLINE ALLIED SERVICES LTD.
163	AIRPORTS AUTHORITY OF INDIA
164	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
165	CENTRAL RAILSIDE WAREHOUSE CO. LTD.
166	CENTRAL WAREHOUSING CORPN.
167	CHANDIGARH INTERNATIONAL AIRPORT LTD.
168	CONCOR AIR LTD.
169	CONTAINER CORPORATION OF INDIA LTD.
170	DREDGING CORPN. OF INDIA LTD.
171	FRESH & HEALTHY ENTERPRISES LTD.
172	GAIL (INDIA) LTD.
173	GAIL GAS LTD.
174	KAMARAJAR PORT LTD.
175	PAWAN HANS LTD.
176	PETRONET CCK LTD.
177	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
178	SHIPPING CORPORATION OF INDIA LTD.
179	SIDCUL CONCOR INFRA COMPANY LTD.
SERVICES	
CONTRACT & CONSTRUCTION AND TECH. CONSULTANCY SERVICES	
180	AGRINNOVATE INDIA LTD.
181	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
182	BRIDGE & ROOF CO.(INDIA) LTD.
183	BROADCAST ENGG. CONSULTANTS INDIA LTD.
184	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
185	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
186	DELHI POLICE HOUSING CORPORATION LTD.
187	EdCIL(India) Ltd.

S. No.	Sector / Cognate Group / CPSE
188	ENGINEERING PROJECTS (INDIA) LTD.
189	ENGINEERS INDIA LTD.
190	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
191	HINDUSTAN PREFAB LTD.
192	HINDUSTAN STEELWORKS COSTN. LTD.
193	HLL INFRA TECH SERVICES LTD.
194	HSCC (INDIA) LTD.
195	IIFCL PROJECTS LTD.
196	IRCON INFRASTRUCTURE & SERVICES LTD.
197	IRCON INTERNATIONAL LTD.
198	IRCON PB TOLLWAY LTD.
199	IRCON SHIVPURI GUNA TOLLWAY LTD.
200	KONKAN RAILWAY CORPORATION LTD.
201	MECON LTD.
202	MINERAL EXPLORATION CORPN. LTD.
203	MUMBAI RAILWAY VIKAS CORPORATION LTD.
204	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
205	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
206	NATIONAL RESEARCH DEVELOPMENT CORPN.
207	NATIONAL SMALL INDUSTRIES CORPN. LTD.
208	NBCC (INDIA) LTD.
209	NBCC ENGINEERING AND CONSULTANCY LTD.
210	NBCC SERVICES LTD.
211	PFC CAPITAL ADVISORY SERVICE LTD.
212	PFC CONSULTING LTD.
213	POWER SYSTEM OPERATION CORPORATION LTD.
214	PROJECTS & DEVELOPMENT INDIA LTD.
215	RAIL VIKAS NIGAM LTD.
216	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
217	RITES INFRASTRUCTURE SERVICES LTD.
218	RITES LTD.
219	SOLAR ENERGY CORPORATION OF INDIA
220	TCIL BINA TOLL ROAD LTD.
221	TCIL LAKHNADONE TOLL ROAD LTD.
222	WAPCOS LTD.
SERVICES	
HOTEL AND TOURIST SERVICES	
223	DONYI POLO ASHOK HOTEL LTD.
224	HOTEL CORPN. OF INDIA LTD.
225	INDIA TOURISM DEV. CORPN. LTD.
226	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
227	PONDICHERRY ASHOK HOTEL CORPN. LTD.
228	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
229	UTKAL ASHOK HOTEL CORPN. LTD.
SERVICES	

S. No.	Sector / Cognate Group / CPSE
FINANCIAL SERVICES	
230	BALMER LAWRIE INVESTMENTS LTD.
231	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
232	E. C. G. C. LTD.
233	EASTERN INVESTMENT LTD.
234	HOUSING & URBAN DEV. CORPN. LTD.
235	IIFCL ASSET MANAGEMENT COMPANY LTD.
236	INDIA INFRASTRUCTURE FINANCE CO. LTD.
237	INDIAN RAILWAY FINANCE CORPORATION LTD.
238	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
239	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
240	KUMARAKRUPPA FRONTIER HOTELS LTD.
241	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
242	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
243	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
244	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
245	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
246	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
247	PFC GREEN ENERGY LTD.
248	POWER FINANCE CORPORATION LTD.
249	RURAL ELECTRIFICATION CORPN. LTD.
SERVICES	
TELECOMMUNICATION & INFORMATION TECHNOLOGY	
250	BHARAT BROADBAND NETWORK LTD.
251	BHARAT SANCHAR NIGAM LTD.
252	MAHANAGAR TELEPHONE NIGAM LTD.
253	MILLENNIUM TELECOM LTD.
254	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
255	RAILTEL CORPORATION INDIA LTD.
256	RAILTEL ENTERPRISES LTD.
257	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
UNDER CONSTRUCTION	
ENTERPRISES UNDER CONSTRUCTION	
258	ANUSHAKTI VIDHYUT NIGAM LTD.
259	BALLABGARH - GN TRANSMISSION CO. LTD.
260	BHARAT PETRO RESOURCES JPDA
261	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
262	BIHAR INFRAPOWER LTD.
263	BIHAR MEGA POWER LTD.
264	BIJAWAR-VIDARBHA TRANSMISSION LTD
265	BPCL-KIAL FUEL PVT. LTD.
266	BUNDELKHAND SAUR URJA LTD.
267	CHANDIL TRANSMISSION LTD.
268	CHEYYUR INFRA LTD.
269	CHHATTISGARH EAST RAILWAYS LTD.

S. No.	Sector / Cognate Group / CPSE
270	CHHATTISGARH EAST-WEST RAILWAYS LTD.
271	CHHATTISGARH MEGA STEEL CO. LTD.
272	CHHATTISGARH SURGUJA POWER LTD.
273	COASTAL KARNATAKA POWER LTD.
274	COASTAL MAHARASHTRA MEGA POWER LTD.
275	COASTAL TAMIL NADU POWER LTD.
276	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
277	DEOGHAR INFRA LTD.
278	DEOGHAR MEGA POWER LTD.
279	DINGCHANG TRANSMISSION LTD.
280	DUMKA TRANSMISSION LTD.
281	GHATAMPUR TRANSMISSION LTD.
282	GHOGARPALLI INTEGRATED POWER COMPANY LTD.
283	GRID CONDUCTOR LTD.
284	HEMISPHERE PROPERTIES INDIA LTD.
285	HLL MEDIPARK LTD
286	HLL MOTHER & CHILD CARE HOSPITALS LTD.
287	HOOGLY COCHIN SHIPYARD LTD.
288	HPCL RAJASTHAN REFINERY LTD.
289	INDIAN CATALYST PVT. LTD.
290	INDO RUSSIAN HELICOPTERS LTD.
291	INLAND & COASTAL SHIPPING LTD.
292	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
293	JAGDISHPUR PAPER MILLS LTD.
294	JHARKHAND CENTRAL RAILWAY LTD.
295	JHARKHAND INFRAPOWER LTD.
296	JHARKHAND KOLHAN STEEL LTD.
297	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
298	KARNATAKA VIJAY NAGAR STEEL LTD.
299	KODERMA TRANSMISSION LTD.
300	KOLKATA METRO RAIL CORPORATION LTD.
301	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.
302	MAHANADI BASIN POWER LTD.
303	MAHANADI COAL RAILWAY LTD.
304	MAMC INDUSTRIES LTD.
305	MANDAR TRANSMISSION LTD.
306	MEDINIPUR-JEERAT TRANSMISSION LTD.
307	MJSJ COAL LTD.
308	MNH SHAKTI LTD.
309	MOHINDER GARH-BHIWANI TRANSMISSION LTD.
310	NBCC ENVIRONMENT ENGINEERING LTD.
311	NBCC INTERNATIONAL LTD.
312	NEYVELI UTTAR PRADESH POWER LTD
313	NMDC POWER LTD.
314	NMDC STEEL LTD.

S. No.	Sector / Cognate Group / CPSE
315	NMDC-CMDC LTD.
316	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
317	NPCIL - NALCO POWER COMPANY LTD.
318	ODISHA INFRAPOWER LTD.
319	OIL INDIA INTERNATIONAL LTD.
320	ORISSA INTEGRATED POWER LTD.
321	POWER GRID MITHILANCHAL TRANSMISSION LTD.
322	POWER EQUITY CAPITAL ADVISORS PVT. LTD.
323	POWER GRID JABALPUR TRANSMISSION LTD.
324	POWER GRID PARLI TRANSMISSION LTD.
325	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
326	POWER GRID VEMAGIRI TRANSMISSION LTD.
327	PUNJAB ASHOK HOTEL COMPANY LTD.
328	SAGARMALA DEVELOPMENT COMPANY LTD.
329	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
330	SETHUSAMUDRAM CORPN. LTD.
331	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD
332	SJVN THERMAL PVT. LTD.
333	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.
334	TANDA TRANSMISSION COMPANY LTD.
335	TATIYA ANDHRA MEGA POWER LTD.
336	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
337	WR-NR POWER TRANSMISSION LTD
338	YULE ELECTRICAL LTD.
339	YULE ENGINEERING COMPANY LTD.

CENTRAL PUBLIC SECTOR ENTERPRISES UNDER DIFFERENT STATE/UNION TERRITORIES AS ON

31.3.2018

S. No.	State / CPSE
	ANDAMAN & NICOBAR ISLANDS
1	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD
	ANDHRA PRADESH
2	RASHTRIYA ISPAT NIGAM LTD.
3	VISAKHAPATANAM PORT LOGISTICS PARK LTD.
	ARUNACHAL PRADESH
4	DONYI POLO ASHOK HOTEL LTD.
	ASSAM
5	BRAHMAPUTRA CRACKERS & POLYMER LTD.
6	BRAHMAPUTRA VALLEY FERTILIZER CORPN. LTD.
7	NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.
8	NUMALIGARH REFINERY LTD.
9	OIL INDIA INTERNATIONAL LTD.
10	OIL INDIA LTD.
	BIHAR
11	BHARAT WAGON & ENGG. CO. LTD.
12	HPCL BIOFUELS LTD.
	CHANDIGARH
13	PUNJAB ASHOK HOTEL COMPANY LTD.
14	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
	CHHATTISGARH
15	CHHATTISGARH EAST RAILWAYS LTD.
16	CHHATTISGARH EAST-WEST RAILWAYS LTD.
17	CHHATTISGARH MEGA STEEL CO. LTD.
18	FERRO SCRAP NIGAM LTD.
19	JHARKHAND KOLHAN STEEL LTD.
20	NMDC STEEL LTD.
21	NMDC-CMDC LTD.
22	SOUTH EASTERN COALFIELDS LTD.
	DELHI
23	AAI CARGO LOGISTICS & ALLIED SERVICES COMPANY LTD.
24	AGRINNOVATE INDIA LTD.
25	AIR INDIA AIR TRANSPORT SERVICES LTD.
26	AIR INDIA ENGINEERING SERVICES LTD.
27	AIR INDIA LTD.
28	AIRLINE ALLIED SERVICES LTD.
29	AIRPORTS AUTHORITY OF INDIA
30	BALLABGARH - GN TRANSMISSION CO. LTD.
31	BHARAT BROADBAND NETWORK LTD.
32	BHARAT HEAVY ELECTRICALS LTD.
33	BHARAT SANCHAR NIGAM LTD.
34	BHARTIYA RAIL BIJLEE CO. LTD.
35	BIHAR INFRAPOWER LTD.
36	BIHAR MEGA POWER LTD.
37	BIJAWAR-VIDARBHA TRANSMISSION LTD
38	BIOTECHNOLOGY INDUSTRY RESEARCH ASSISTANCE COUNCIL
39	CEMENT CORPN. OF INDIA LTD.
40	CENTRAL COTTAGE INDUSTRIES CORPN. OF INDIA LTD.
41	CENTRAL ELECTRONICS LTD.
42	CENTRAL RAILSIDE WAREHOUSE CO. LTD.
43	CENTRAL WAREHOUSING CORPN.
44	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
45	CHANDIL TRANSMISSION LTD.
46	CHEYYUR INFRA LTD.
47	CHHATTISHGARH SURGUJA POWER LTD.

S. No.	State / CPSE
48	COASTAL KARNATAKA POWER LTD.
49	COASTAL MAHARASHTRA MEGA POWER LTD.
50	COASTAL TAMIL NADU POWER LTD.
51	CONCOR AIR LTD.
52	CONTAINER CORPORATION OF INDIA LTD.
53	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.
54	DELHI POLICE HOUSING CORPORATION LTD.
55	DEOGHAR INFRA LTD.
56	DEOGHAR MEGA POWER LTD.
57	DINGCHANG TRANSMISSION LTD.
58	DREDGING CORPN. OF INDIA LTD.
59	DUMKA TRANSMISSION LTD.
60	EdCIL(India) Ltd.
61	ENGINEERS INDIA LTD.
62	FERTILIZER CORPN. OF INDIA LTD.
63	FOOD CORPN. OF INDIA
64	FRESH & HEALTHY ENTERPRISES LTD.
65	GAIL (INDIA) LTD.
66	GAIL GAS LTD.
67	GHATAMPUR TRANSMISSION LTD.
68	GHOARPALLI INTEGRATED POWER COMPANY LTD.
69	HANDICRAFTS & HANDLOOM EXPORTS CORP. OF INDIA LTD.
70	HEMISPHERE PROPERTIES INDIA LTD.
71	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
72	HIL (INDIA) LTD.
73	HINDUSTAN FERTILIZER CORPN. LTD.
74	HINDUSTAN PAPER CORPORATION LTD.
75	HINDUSTAN PREFAB LTD.
76	HINDUSTAN SHIPYARD LTD.
77	HOUSING & URBAN DEV. CORPN. LTD.
78	HSCC (INDIA) LTD.
79	IIFCL ASSET MANAGEMENT COMPANY LTD.
80	IIFCL PROJECTS LTD.
81	INDIA INFRASTRUCTURE FINANCE CO. LTD.
82	INDIA TOURISM DEV. CORPN. LTD.
83	INDIA TRADE PROMOTION ORGANISATION
84	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
85	INDIAN RAILWAY FINANCE CORPORATION LTD.
86	INDIAN RENEWABLE ENERGY DEVT.AGENCY LTD.
87	INDIAN VACCINE CORP. LTD.
88	IRCON DAVANAGERE HAVERI HIGHWAY LTD.
89	IRCON INFRASTRUCTURE & SERVICES LTD.
90	IRCON INTERNATIONAL LTD.
91	IRCON PB TOLLWAY LTD.
92	IRCON SHIVPURI GUNA TOLLWAY LTD.
93	JHARKHAND INFRAPOWER LTD.
94	KANTI BIJLEE UTPADAN NIGAM LTD.
95	KODERMA TRANSMISSION LTD.
96	KUMARAKRUPPA FRONTIER HOTELS LTD.
97	M M T C LTD.
98	MAHANAGAR TELEPHONE NIGAM LTD.
99	MANDAR TRANSMISSION LTD.
100	MEDINIPUR-JEERAT TRANSMISSION LTD.
101	MOHINDER GARH-BHIWANI TRANSMISSION LTD.
102	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
103	NATIONAL FERTILIZERS LTD.
104	NATIONAL HANDICAPPED FINANCE & DEVPT. CORPN.
105	NATIONAL HIGHWAYS & INFRASTRUCTURE DEVELOPMENT CORPN. LTD.
106	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
107	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION

S. No.	State / CPSE
108	NATIONAL PROJECTS CONSTRUCTION CORPN. LTD.
109	NATIONAL RESEARCH DEVELOPMENT CORPN.
110	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
111	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
112	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
113	NATIONAL SEEDS CORPN. LTD.
114	NATIONAL SMALL INDUSTRIES CORPN. LTD.
115	NATIONAL TEXTILE CORPN. LTD.
116	NBCC (INDIA) LTD.
117	NBCC ENGINEERING AND CONSULTANCY LTD.
118	NBCC ENVIRONMENT ENGINEERING LTD.
119	NBCC INTERNATIONAL LTD.
120	NBCC SERVICES LTD.
121	NTPC ELECTRIC SUPPLY COMPANY LTD.
122	NTPC LTD.
123	NTPC VIDYUT VYAPAR NIGAM LTD.
124	NUCLEAR POWER CORPN. OF INDIA LTD.
125	ODISHA INFRAPOWER LTD.
126	OIL & NATURAL GAS CORPORATION LTD.
127	ONGC VIDESH LTD.
128	ORISSA INTEGRATED POWER LTD.
129	P E C LTD.
130	PATRATU VIDYUT UTPADAN NIGAM LTD.
131	PAWAN HANS LTD.
132	PFC CAPITAL ADVISORY SERVICE LTD.
133	PFC CONSULTING LTD.
134	PFC GREEN ENERGY LTD.
135	POWER GRID MITHILANCHAL TRANSMISSION LTD.
136	POWER EQUITY CAPITAL ADVISORS PVT. LTD.
137	POWER FINANCE CORPORATION LTD.
138	POWER GRID CORPORATION OF INDIA LTD.
139	POWER GRID JABALPUR TRANSMISSION LTD.
140	POWER GRID PARLI TRANSMISSION LTD.
141	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.
142	POWER GRID WARORA TRANSMISSION LTD.
143	POWER SYSTEM OPERATION CORPORATION LTD.
144	POWERGRID KALA AMB TRANSMISSION LTD.
145	POWERGRID NM TRANSMISSION LTD.
146	POWERGRID UNCHAHAR TRANSMISSION LTD.
147	POWERGRID VIZAG TRANSMISSION LTD.
148	PRIZE PETROLEUM COMPANY LTD.
149	RAIL VIKAS NIGAM LTD.
150	RAILTEL CORPORATION INDIA LTD.
151	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
152	REC POWER DISTRIBUTION CO. LTD.
153	REC TRANSMISSION PROJECTS CO. LTD.
154	RITES INFRASTRUCTURE SERVICES LTD.
155	RITES LTD.
156	RURAL ELECTRIFICATION CORPN. LTD.
157	SAGARMALA DEVELOPMENT COMPANY LTD.
158	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.
159	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
160	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD
161	SIDCUL CONCOR INFRA COMPANY LTD.
162	SOLAR ENERGY CORPORATION OF INDIA
163	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.
164	STATE TRADING CORPN. OF INDIA LTD.
165	STEEL AUTHORITY OF INDIA LTD.
166	TANDA TRANSMISSION COMPANY LTD.
167	TATIYA ANDHRA MEGA POWER LTD.

S. No.	State / CPSE
168	TCIL BINA TOLL ROAD LTD.
169	TCIL LAKHNADONE TOLL ROAD LTD.
170	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
171	WAPCOS LTD.
172	WR-NR POWER TRANSMISSION LTD
	GOA
173	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
174	GOA SHIPYARD LTD.
	GUJRAT
175	INDIAN CATALYST PVT. LTD.
	HARYANA
176	GRID CONDUCTOR LTD.
177	INDIAN DRUGS & PHARMACEUTICALS LTD.
178	NHPC LTD.
179	POWER GRID VEMAGIRI TRANSMISSION LTD.
180	RAILTEL ENTERPRISES LTD.
	HIMACHAL PRADESH
181	SJVN LTD.
182	SJVN THERMAL PVT. LTD.
	JAMMU & KASHMIR
183	HMT CHINAR WATCHES LTD.
184	J & K MINERAL DEVELOPMENT CORPN. LTD.
185	JAMMU & KASHMIR DEVELOPMENT FINANCE CORPORATION LTD
	JHARKHAND
186	BHARAT COKING COAL LTD.
187	CENTRAL COALFIELDS LTD.
188	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
189	ENGINEERING PROJECTS (INDIA) LTD.
190	HEAVY ENGINEERING CORPN. LTD.
191	JHARKHAND CENTRAL RAILWAY LTD.
192	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.
193	MECON LTD.
194	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
195	URANIUM CORPORATION OF INDIA LTD.
	KARNATAKA
196	ANTRIX CORPORATION LTD.
197	BEL-THALES SYSTEMS LTD.
198	BEML LTD.
199	BHARAT ELECTRONICS LTD.
200	HINDUSTAN AERONAUTICS LTD.
201	HMT (INTERNATIONAL) LTD.
202	HMT LTD.
203	HMT MACHINE TOOLS LTD.
204	HMT WATCHES LTD.
205	I T I LTD.
206	INDO RUSSIAN HELICOPTERS LTD.
207	KARNATAKA ANTIBIOTICS & PHARMACEUTICALS LTD.
208	KARNATAKA TRADE PROMOTION ORGANISATION
209	KARNATAKA VIJAY NAGAR STEEL LTD.
210	KIOCL LTD.
211	MANGALORE REFINERY & PETROCHEMICALS LTD.
212	NAINI AEROSPACE LTD.
213	ONGC MANGALORE PETROCHEMICALS LTD.
214	STCL LTD.
215	TUNGABHADRA STEEL PRODUCTS LTD.
216	VIGNYAN INDUSTRIES LTD.
	KERALA
217	BHEL ELECTRICAL MACHINES LTD.
218	BPCL-KIAL FUEL PVT. LTD.
219	COCHIN SHIPYARD LTD.

S. No.	State / CPSE
220	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
221	HINDUSTAN NEWSPRINT LTD.
222	HLL BIOTECH LTD.
223	HLL INFRA TECH SERVICES LTD.
224	HLL LIFECARE LTD.
225	HLL MEDIPARK LTD
226	PETRONET CCK LTD. MADHYA PRADESH
227	NEPA LTD.
228	NHDC LTD.
229	NORTHERN COALFIELDS LTD. MAHARASHTRA
230	AIR INDIA EXPRESS LTD.
231	ANUSHAKTI VIDHYUT NIGAM LTD.
232	BEL OPTRONICS DEVICES LTD.
233	BHARAT PETRO RESOURCES JPDA
234	BHARAT PETRO RESOURCES LTD.
235	BHARAT PETROLEUM CORPN. LTD.
236	COTTON CORPN. OF INDIA LTD.
237	E. C. G. C. LTD.
238	HINDUSTAN ANTIBIOTICS LTD.
239	HINDUSTAN ORGANIC CHEMICALS LTD.
240	HINDUSTAN PETROLEUM CORPN. LTD.
241	HOTEL CORPN. OF INDIA LTD.
242	INDIAN OIL CORPORATION LTD.
243	INDIAN RARE EARTHS LTD.
244	KONKAN RAILWAY CORPORATION LTD.
245	MAZAGON DOCK SHIPBUILDERS LTD.
246	MILLENNIUM TELECOM LTD.
247	MINERAL EXPLORATION CORPN. LTD.
248	MOIL LTD.
249	MUMBAI RAILWAY VIKAS CORPORATION LTD.
250	NATIONAL FILM DEV. CORPN. LTD.
251	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.
252	NPCIL - NALCO POWER COMPANY LTD.
253	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
254	RICHARDSON & CRUDDAS(1972) LTD.
255	SHIPPING CORPORATION OF INDIA LTD.
256	WESTERN COALFIELDS LTD. MANIPUR
257	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD. MEGHALAYA
258	NORTH EASTERN HANDICRAFTS & HANDLOOM DEV.CORPN. LTD.
259	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. NAGALAND
260	NAGALAND PULP & PAPER COMPANY LTD. ORISSA
261	MAHANADI BASIN POWER LTD.
262	MAHANADI COAL RAILWAY LTD.
263	MAHANADI COALFIELDLS LTD.
264	MJSJ COAL LTD.
265	MNH SHAKTI LTD.
266	NATIONAL ALUMINIUM COMPANY LTD.
267	ORISSA DRUGS & CHEMICALS LTD.
268	UTKAL ASHOK HOTEL CORPN. LTD. PONDICHERRY
269	PONDICHERRY ASHOK HOTEL CORPN. LTD. PUNJAB
270	CHANDIGARH INTERNATIONAL AIRPORT LTD. RAJASTHAN

S. No.	State / CPSE
271	FCI ARAVALI GYPSUM & MINERALS (INDIA) LTD.
272	HINDUSTAN SALTS LTD.
273	HPCL RAJASTHAN REFINERY LTD.
274	INSTRUMENTATION LTD.
275	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.
276	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
277	SAMBHAR SALTS LTD. TAMILNADU
278	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.
279	CHENNAI PETROLEUM CORPORATION LTD.
280	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.
281	IDPL (TAMILNADU) LTD.
282	KAMARAJAR PORT LTD.
283	MADRAS FERTILIZERS LTD.
284	NLC INDIA LTD.
285	NLC TAMIL NADU POWER LTD.
286	SAIL REFRACTORY COMPANY LTD.
287	SETHUSAMUDRAM CORPN. LTD.
288	TAMIL NADU TRADE PROMOTION ORGANISATION TELANGANA
289	BHARAT DYNAMICS LTD.
290	ELECTRONICS CORPN. OF INDIA LTD.
291	HINDUSTAN FLUOROCARBONS LIMITED
292	HMT BEARINGS LTD.
293	MISHRA DHATU NIGAM LTD.
294	NMDC Ltd.
295	NMDC POWER LTD. UTTAR PRADESH
296	ARTIFICIAL LIMBS MFG. CORPN. OF INDIA
297	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
298	BHARAT PUMPS & COMPRESSORS LTD.
299	BRITISH INDIA CORPORATION LTD.
300	BROADCAST ENGG. CONSULTANTS INDIA LTD.
301	BUNDELKHAND SAUR URJA LTD.
302	HLL MOTHER & CHILD CARE HOSPITALS LTD.
303	JAGDISHPUR PAPER MILLS LTD.
304	NATIONAL HANDLOOM DEVELOPMENT CORPORATION LTD.
305	NEYVELI UTTAR PRADESH POWER LTD
306	PROJECTS & DEVELOPMENT INDIA LTD.
307	SCOOTERS INDIA LTD. UTTARANCHAL
308	INDIAN MEDICINES & PHARMACEUTICAL CORPN. LTD.
309	THDC INDIA LTD. WEST BENGAL
310	ANDREW YULE & COMPANY LTD.
311	BALMER LAWRIE & CO. LTD.
312	BALMER LAWRIE INVESTMENTS LTD.
313	BENGAL CHEMICALS & PHARMACEUTICALS LTD.
314	BIRDS JUTE & EXPORTS LTD.
315	BRAITHWAITE & CO. LTD.
316	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
317	BRIDGE & ROOF CO.(INDIA) LTD.
318	BURN STANDARD COMPANY LTD.
319	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.
320	COAL INDIA LTD.
321	EASTERN COALFIELDS LTD.
322	EASTERN INVESTMENT LTD.
323	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.
324	HINDUSTAN CABLES LTD.
325	HINDUSTAN COPPER LTD.

S. No.	State / CPSE
326	HINDUSTAN STEELWORKS COSTN. LTD.
327	HOOGLY DOCK AND PORT ENGINEERS LTD.
328	HOOGLY PRINTING COMPANY LTD.
329	HOOGLY COCHIN SHIPYARD LTD.
330	INLAND & COASTAL SHIPPING LTD.
331	KOLKATA METRO RAIL CORPORATION LTD.
332	M S T C LTD.
333	MAMC INDUSTRIES LTD.
334	NATIONAL JUTE MANUFACTURES CORPORATION LTD.
335	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
336	THE BISRA STONE LIME COMPANY LTD.
337	THE JUTE CORPN. OF INDIA LTD.
338	YULE ELECTRICAL LTD.
339	YULE ENGINEERING COMPANY LTD.

INDAS APPLICABLE CPSEs w.e.f. 1st April 2016

S. No.	Name of CPSEs
1	AIR INDIA EXPRESS LTD.
2	AIR INDIA LTD.
3	AIRLINE ALLIED SERVICES LTD.
4	ANDREW YULE & COMPANY LTD.
5	ANTRIX CORPORATION LTD.
6	BALMER LAWRIE & CO. LTD.
7	BEL OPTRONICS DEVICES LTD.
8	BEL-THALES SYSTEMS LTD.
9	BEML LTD.
10	BHARAT COKING COAL LTD.
11	BHARAT DYNAMICS LTD.
12	BHARAT ELECTRONICS LTD.
13	BHARAT HEAVY ELECTRICALS LTD.
14	BHARAT IMMUNOLOGICALS & BIOLOGICALS CORP. LTD.
15	BHARAT PETRO RESOURCES LTD.
16	BHARAT PETROLEUM CORPN. LTD.
17	BHARAT SANCHAR NIGAM LTD.
18	BHARTIYA RAIL BIJLEE CO. LTD.
19	BHEL ELECTRICAL MACHINES LTD.
20	BRAHAMPUTRA CRACKERS & POLYMER LTD.
21	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.
22	BRIDGE & ROOF CO.(INDIA) LTD.
23	CENTRAL COALFIELDS LTD.
24	CENTRAL MINE PLANNING & DESIGN INSTITUTE LTD.
25	CERTIFICATION ENGINEERS INTERNATIONAL LTD.
26	CHANDIGARH INTERNATIONAL AIRPORT LTD.
27	CHENNAI PETROLEUM CORPORATION LTD.
28	COAL INDIA LTD.
29	COCHIN SHIPYARD LTD.
30	CONCOR AIR LTD.
31	CONTAINER CORPORATION OF INDIA LTD.
32	COTTON CORPN. OF INDIA LTD.
33	DONYI POLO ASHOK HOTEL LTD.
34	DREDGING CORPN. OF INDIA LTD.
35	EASTERN COALFIELDS LTD.
36	ELECTRONICS CORPN. OF INDIA LTD.
37	ENGINEERS INDIA LTD.
38	FERRO SCRAP NIGAM LTD.
39	FERTILIZERS & CHEMICALS (TRAVANCORE) LTD.
40	FRESH & HEALTHY ENTERPRISES LTD.
41	GAIL (INDIA) LTD.
42	GAIL GAS LTD.
43	GARDEN REACH SHIPBUILDERS & ENGINEERS LTD.

S. No.	Name of CPSEs
44	GOA ANTIBIOTICS & PHARMACEUTICALS LTD.
45	GOA SHIPYARD LTD.
46	HIGH SPEED RAIL CORPORATION OF INDIA LTD.
47	HINDUSTAN AERONAUTICS LTD.
48	HINDUSTAN COPPER LTD.
49	HINDUSTAN FLUOROCARBONS LIMITED
50	HINDUSTAN NEWSPRINT LTD.
51	HINDUSTAN ORGANIC CHEMICALS LTD.
52	HINDUSTAN PETROLEUM CORPN. LTD.
53	HINDUSTAN STEELWORKS COSTN. LTD.
54	HLL BIOTECH LTD.
55	HLL INFRA TECH SERVICES LTD.
56	HLL LIFECARE LTD.
57	HMT (INTERNATIONAL) LTD.
58	HMT BEARINGS LTD.
59	HMT CHINAR WATCHES LTD.
60	HMT LTD.
61	HMT MACHINE TOOLS LTD.
62	HMT WATCHES LTD.
63	HOOGLHY PRINTING COMPANY LTD.
64	HOTEL CORPN. OF INDIA LTD.
65	HPCL BIOFUELS LTD.
66	I T I LTD.
67	IDPL (TAMILNADU) LTD.
68	INDIA TOURISM DEV. CORPN. LTD.
69	INDIA TRADE PROMOTION ORGANISATION
70	INDIAN OIL CORPORATION LTD.
71	INDIAN RAILWAY CATERING AND TOURISM CORPN. LTD.
72	INDIAN RARE EARTHS LTD.
73	IRCON INFRASTRUCTURE & SERVICES LTD.
74	IRCON INTERNATIONAL LTD.
75	IRCON PB TOLLWAY LTD.
76	IRCON SHIVPURI GUNA TOLLWAY LTD.
77	J & K MINERAL DEVELOPMENT CORPN. LTD.
78	KAMARAJAR PORT LTD.
79	KANTI BIJLEE UTPADAN NIGAM LTD.
80	KARNATAKA TRADE PROMOTION ORGANISATION
81	KIOCL LTD.
82	KONKAN RAILWAY CORPORATION LTD.
83	M M T C LTD.
84	M S T C LTD.
85	MADRAS FERTILIZERS LTD.
86	MAHANADI COALFIELDLS LTD.
87	MAHANAGAR TELEPHONE NIGAM LTD.
88	MANGALORE REFINERY & PETROCHEMICALS LTD.

S. No.	Name of CPSEs
89	MAZAGON DOCK SHIPBUILDERS LTD.
90	MECON LTD.
91	MILLENNIUM TELECOM LTD.
92	MINERAL EXPLORATION CORPN. LTD.
93	MISHRA DHATU NIGAM LTD.
94	MOIL LTD.
95	NAINI AEROSPACE LTD.
96	NATIONAL ALUMINIUM COMPANY LTD.
97	NATIONAL BACKWARD CLASSES FINANCE & DEVP.CO.
98	NATIONAL FERTILIZERS LTD.
99	NATIONAL INFORMATICS CENTRE SERVICES INCORPORATED
100	NATIONAL MINORITIES DEVP. & FINANCE CORPORATION
101	NATIONAL SAFAI KARAMCHARIS FINANCE & DEVPT. CORPN
102	NATIONAL SCHEDULED CASTES FINANCE & DEVP. CORPN.
103	NATIONAL SCHEDULED TRIBES FINANCE & DEVP. CORPN.
104	NATIONAL SEEDS CORPN. LTD.
105	NATIONAL TEXTILE CORPN. LTD.
106	NBCC (INDIA) LTD.
107	NBCC ENGINEERING AND CONSULTANCY LTD.
108	NBCC SERVICES LTD.
109	NHDC LTD.
110	NHPC LTD.
111	NLC INDIA LTD.
112	NLC TAMIL NADU POWER LTD.
113	NMDC Ltd.
114	NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
115	NORTHERN COALFIELDS LTD.
116	NTPC ELECTRIC SUPPLY COMPANY LTD.
117	NTPC LTD.
118	NTPC VIDYUT VYAPAR NIGAM LTD.
119	NUCLEAR POWER CORPN. OF INDIA LTD.
120	NUMALIGARH REFINERY LTD.
121	OIL & NATURAL GAS CORPORATION LTD.
122	OIL INDIA LTD.
123	ONGC MANGALORE PETROCHEMICALS LTD.
124	ONGC VIDESH LTD.
125	ORISSA MINERAL DEVELOPMENT COMPANY LTD.
126	P E C LTD.
127	PATRATU VIDYUT UTPADAN NIGAM LTD.
128	PAWAN HANS LTD.
129	PETRONET CCK LTD.
130	PONDICHERRY ASHOK HOTEL CORPN. LTD.
131	POWER GRID CORPORATION OF INDIA LTD.
132	POWER GRID WARORA TRANSMISSION LTD.
133	POWER SYSTEM OPERATION CORPORATION LTD.

S. No.	Name of CPSEs
134	POWERGRID KALA AMB TRANSMISSION LTD.
135	POWERGRID NM TRANSMISSION LTD.
136	POWERGRID UNCHAHAR TRANSMISSION LTD.
137	POWERGRID VIZAG TRANSMISSION LTD.
138	PRIZE PETROLEUM COMPANY LTD.
139	PUNJAB LOGISTIC INFRASTRUCTURE LTD.
140	RAIL VIKAS NIGAM LTD.
141	RAILTEL CORPORATION INDIA LTD.
142	RAILTEL ENTERPRISES LTD.
143	RAILWAY ENERGY MANAGEMENT COMPANY LTD.
144	RAJASTHAN ELECTRONICS AND INSTRUMENTS LTD.
145	RANCHI ASHOK BIHAR HOTEL CORPN. LTD.
146	RASHTRIYA CHEMICALS AND FERTILIZERS LTD.
147	RASHTRIYA ISPAT NIGAM LTD.
148	RITES INFRASTRUCTURE SERVICES LTD.
149	RITES LTD.
150	SAIL REFRACTORY COMPANY LTD.
151	SCOOTERS INDIA LTD.
152	SECURITY PRINTING & MINTING CORPN. INDIA LTD.
153	SHIPPING CORPORATION OF INDIA LTD.
154	SIDCUL CONCOR INFRA COMPANY LTD.
155	SJVN LTD.
156	SOLAR ENERGY CORPORATION OF INDIA
157	SOUTH EASTERN COALFIELDS LTD.
158	STATE TRADING CORPN. OF INDIA LTD.
159	STCL LTD.
160	STEEL AUTHORITY OF INDIA LTD.
161	TAMIL NADU TRADE PROMOTION ORGANISATION
162	TCIL BINA TOLL ROAD LTD.
163	TCIL LAKHNADONE TOLL ROAD LTD.
164	TELECOMMUNICATIONS CONSULTANTS (INDIA) LTD.
165	THDC INDIA LTD.
166	THE BISRA STONE LIME COMPANY LTD.
167	URANIUM CORPORATION OF INDIA LTD.
168	UTKAL ASHOK HOTEL CORPN. LTD.
169	VIGNYAN INDUSTRIES LTD.
170	WAPCOS LTD.
171	WESTERN COALFIELDS LTD.

CENTRAL PUBLIC SECTOR ENTERPRISES WHOSE DATA HAS BEEN TREATED AS PROVISIONAL IN 2017-18

S. No.	Name of CPSE	Ministry Name	Remarks
A CENTRAL PUBLIC SECTOR ENTERPRISES WHICH HAVE NOT FURNISHED AUDITED DATA FOR 2017-18			
1	AGRINNOVATE INDIA LTD.	MINISTRY OF AGRICULTURE AND FARMERS WELFARE	
2	AIR INDIA EXPRESS LTD.	MINISTRY OF CIVIL AVIATION	Approved for Disinvestment
3	AIRLINE ALLIED SERVICES LTD.	MINISTRY OF CIVIL AVIATION	Approved for Disinvestment
4	BRAITHWAITE BURN & JESSOP CONSTRUCTION COMPANY LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	
5	FERTILIZER CORPN. OF INDIA LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	Under Revival
6	FOOD CORPN. OF INDIA	MINISTRY OF COMSUMER AFFAIRS,FOOD & PUBLIC DISTRIBUTION	
7	HOTEL CORPN. OF INDIA LTD.	MINISTRY OF CIVIL AVIATION	Approved for Disinvestment
8	HSCC (INDIA) LTD.	MINISTRY OF HEALTH & FAMILY WELFARE	
9	INDIAN DRUGS & PHARMACEUTICALS LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	
10	NAINI AEROSPACE LIMITED	MINISTRY OF DEFENCE	The company became operational from FY. 2017-18.
B: CENTRAL PUBLIC SECTOR ENTERPRISES WHICH HAVE NOT FURNISHED DATA FOR 2017-18			
11	AIR INDIA AIR TRANSPORT SERVICES LTD.	MINISTRY OF CIVIL AVIATION	Approved for Disinvestment
12	AIR INDIA ENGINEERING SERVICES LTD.	MINISTRY OF CIVIL AVIATION	Approved for Disinvestment
13	ANDAMAN & NICOBAR ISL. FOREST & PLANT.DEV.CORPLTD	MINISTRY OF ENVIRONMENT FORESTS CLIMATE CHANGE	Under Closure
14	BHARAT PUMPS & COMPRESSORS LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Approved for Disinvestment
15	BHARAT WAGON & ENGG. CO. LTD.	MINISTRY OF RAILWAYS	Under Closure
16	BIRDS JUTE & EXPORTS LTD.	MINISTRY OF TEXTILES	Under Closure
17	BRITISH INDIA CORPORATION LTD.	MINISTRY OF TEXTILES	
18	BURN STANDARD COMPANY LTD.	MINISTRY OF RAILWAYS	Under Closure
19	CENTRAL INLAND WATER TRANSPORT CORPN. LTD.	MINISTRY OF SHIPPING	
20	HINDUSTAN CABLES LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	
21	HINDUSTAN PAPER CORPORATION LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	
22	HINDUSTAN PHOTO FILMS MANUFACTURING CO. LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Under Liquidation
23	IDPL (TAMILNADU) LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	
24	INSTRUMENTATION LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Union Cabinet in its meeting held on 30.11.2016 decided for closure of Kota Unit and transfer of Palakkad unit of company to Government of Kerala in a time bound manner as per DPE Guidelines
25	NAGALAND PULP & PAPER COMPANY LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	The company was registered with BIFR. As the rehabilitation plan sanctioned by the BIFR could not take off within the stipulated time period, the management approached GOI with a revised rehabilitation program which got approved on 04.06.2013.The mill is under revival and upgradation plan.
26	NATIONAL JUTE MANUFACTURES CORPORATION LTD.	MINISTRY OF TEXTILES	Under Closure
27	NORTH EASTERN REGIONAL AGRI. MARKETING CORPLTD.	MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION	
28	ORISSA DRUGS & CHEMICALS LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	BIFR passed orders for winding up in 2003. High Court of Orissa had appointed a provi sional Liqui dator which has been stayed by a larger bench of the Odisha High Court.
29	PETRONET CCK LTD.	MINISTRY OF PETROLEUM & NATURAL GAS	During the year, PCCKL filed with Ministry of Corpo rate Affairs, an application for merger of PCCKL with BPCL. Ministry of Corporate Affairs has approved the same and PCCKL stands merged with BPCL with effect from 01.06.2018. The appointed date of merger is 01.04.2018
30	RAJASTHAN DRUGS & PHARMACEUTICALS LTD.	MINISTRY OF CHEMICALS & FERTILIZERS	Under Closure
31	RICHARDSON & CRUDDAS(1972) LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Under Revival
32	RITES INFRASTRUCTURE SERVICES LTD.	MINISTRY OF RAILWAYS	Under Liquidation
33	TUNGABHADRA STEEL PRODUCTS LTD.	MINISTRY OF HEAVY INDUSTRIES & PUBLIC ENTERPRISES	Under Closure

LIST OF UNDER CONSTRUCTION CPSEs AS ON 31.3.2018

₹ In Lakhs

S. No.	CPSEs	Status Incorporation	Year of Capital	Authroised	Paid-up Capital
1	ANUSHAKTI VIDHYUT NIGAM LTD.	Subsidiary	2011	500	10
2	BALLABGARH - GN TRANSMISSION CO. LTD.	Subsidiary	2013	5	5
3	BHARAT PETRO RESOURCES JPDA	Subsidiary	2006	6000	6000
4	BHARATIYA NABHIKIYA VIDYUT NIGAM LTD.	Holding	2003	500000	458820
5	BIHAR INFRAPOWER LTD.	Subsidiary	2015	5	5
6	BIHAR MEGA POWER LTD.	Subsidiary	2015	5	5
7	BIJAWAR-VIDARBHA TRANSMISSION LTD	Subsidiary	2017	1	1
8	BPCL-KIAL FUEL PVT. LTD.	Subsidiary	2015	1800	600
9	BUNDELKHAND SAUR URJA LTD.	Subsidiary	2014	6000	400
10	CHANDIL TRANSMISSION LTD.	Subsidiary	2017	0	0
11	CHEYUR INFRA LTD.	Subsidiary	2014	5	5
12	CHHATTISGARH EAST RAILWAYS LTD.	Subsidiary	2013	65000	30600
13	CHHATTISGARH EAST-WEST RAILWAYS LTD.	Subsidiary	2013	111000	50406
14	CHHATTISGARH MEGA STEEL CO. LTD.	Subsidiary	2015	5	5
15	CHHATTISHGARH SURGUJA POWER LTD.	Subsidiary	2006	5	5
16	COASTAL KARNATAKA POWER LTD.	Subsidiary	2006	5	5
17	COASTAL MAHARASHTRA MEGA POWER LTD.	Subsidiary	2006	5	5
18	COASTAL TAMIL NADU POWER LTD.	Subsidiary	2007	5	5
19	DEDICATED FRIGHT CORRIDOR CORP. OF INDIA LTD.	Holding	2007	2200000	765827
20	DEOGHAR INFRA LTD.	Subsidiary	2015	5	5
21	DEOGHAR MEGA POWER LTD.	Subsidiary	2012	5	5
22	DINGCHANG TRANSMISSION LTD.	Subsidiary	2015	5	5
23	DUMKA TRANSMISSION LTD.	Subsidiary	2018	0	0
24	GHATAMPUR TRANSMISSION LTD.	Subsidiary	2016	5	5
25	GHOGARPALLI INTEGRATED POWER COMPANY LTD.	Subsidiary	2009	5	5
26	GRID CONDUCTOR LTD.	Subsidiary	2015	0	0
27	HEMISPHERE PROPERTIES INDIA LTD.	Holding	2005	0	0
28	HLL MEDIPARK LTD	Subsidiary	2016	50	10
29	HLL MOTHER & CHILD CARE HOSPITALS LTD.	Subsidiary	2017	10	1
30	HOOGLY COCHIN SHIPYARD LTD.	Subsidiary	2017	2200	2200
31	HPCL RAJASTHAN REFINERY LTD.	Subsidiary	2012	400000	25505

S. No.	CPSEs	Status Incorporation	Year of Capital	Authroised	Paid-up Capital
32	INDIAN CATALYST PVT. LTD.	Subsidiary	2006	10000	1593
33	INDO RUSSIAN HELICOPTERS LTD.	Subsidiary	2017	0	0
34	INLAND & COASTAL SHIPPING LTD.	Subsidiary	2016	1000	5
35	IRCON DAVANAGERE HAVERI HIGHWAY LTD.	Subsidiary	2017	21705	5
36	JAGDISHPUR PAPER MILLS LTD.	Subsidiary	2008	500	5
37	JHARKHAND CENTRAL RAILWAY LTD.	Subsidiary	2015	50000	5000
38	JHARKHAND INFRAPOWER LTD.	Subsidiary	2015	5	5
39	JHARKHAND KOLHAN STEEL LTD.	Subsidiary	2015	10	1
40	JHARKHAND NATIONAL MINERAL DEVPT. CORPORATION LTD.	Subsidiary	2012	100	1
41	KARNATAKA VIJAY NAGAR STEEL LTD.	Subsidiary	2014	1	1
42	KODERMA TRANSMISSION LTD.	Subsidiary	2018	0	0
43	KOLKATA METRO RAIL CORPORATION LTD.	Holding	2010	0	137722
44	LOKTAK DOWNSTREAM HYDROELECTRIC CORPORATION LTD.	Subsidiary	2009	23000	11769
45	MAHANADI BASIN POWER LTD.	Subsidiary	2012	5	5
46	MAHANADI COAL RAILWAY LTD.	Subsidiary	2015	5	5
47	MAMC INDUSTRIES LTD.	Subsidiary	2010	0	0
48	MANDAR TRANSMISSION LTD.	Subsidiary	2018	0	0
49	MEDINIPUR-JEERAT TRANSMISSION LTD.	Subsidiary	2016	100	1
50	MJSJ COAL LTD.	Subsidiary	2009	20000	9510
51	MNH SHAKTI LTD.	Subsidiary	2009	8510	8510
52	MOHINDER GARH-BHIWANI TRANSMISSION LTD.	Subsidiary	2014	5	5
53	NBCC ENVIRONMENT ENGINEERING LTD.	Subsidiary	2017	0	0
54	NBCC INTERNATIONAL LTD.	Subsidiary	2017	0	0
55	NEYVELI UTTAR PRADESH POWER LTD	Subsidiary	2012	500000	90440
56	NMDC POWER LTD.	Subsidiary	2011	100	55
57	NMDC STEEL LTD.	Subsidiary	2015	30	1
58	NMDC-CMDC LTD.	Subsidiary	2008	20000	19284
59	NPCIL - INDIAN OIL NUCLEAR ENERGY CORPORATION LTD.	Subsidiary	2012	100	100
60	NPCIL - NALCO POWER COMPANY LTD.	Subsidiary	2012	100	10
61	ODISHA INFRAPOWER LTD.	Subsidiary	2014	5	5

S. No.	CPSEs	Status Incorporation	Year of Capital	Authroised	Paid-up Capital
62	OIL INDIA INTERNATIONAL LTD.	Subsidiary	2012	50000	10000
63	ORISSA INTEGRATED POWER LTD.	Subsidiary	2006	5	5
64	POWER GRID MITHILANCHAL TRANSMISSION LTD.	Subsidiary	2017	5	5
65	POWER EQUITY CAPITAL ADVISORS PVT. LTD.	Subsidiary	2008	0	0
66	POWER GRID JABALPUR TRANSMISSION LTD.	Subsidiary	2014	2000	15
67	POWER GRID PARLI TRANSMISSION LTD.	Subsidiary	2014	2000	10
68	POWER GRID SOUTHERN INTERCONNECTOR TRANSMISSION SYSTEM LTD.	Subsidiary	2015	100	5
69	POWER GRID VEMAGIRI TRANSMISSION LTD.	Subsidiary	2011	0	0
70	PUNJAB ASHOK HOTEL COMPANY LTD.	Subsidiary	1998	300	250
71	SAGARMALA DEVELOPMENT COMPANY LTD.	Holding	2016	100000	21500
72	SAKHIGOPAL INTEGRATED POWER COMPANY LTD.	Subsidiary	2009	5	5
73	SETHUSAMUDRAM CORPN. LTD.	Holding	2004	100000	74500
74	SHONGTONG KARCHAM WANGTOO TRANSMISSION LTD	Subsidiary	2017	1	1
75	SJVN THERMAL PVT. LTD.	Subsidiary	1988	300000	43668
76	SOUTH-CENTRAL EAST DELHI POWER TRANSMISSION LTD.	Subsidiary	2015	5	5
77	TANDA TRANSMISSION COMPANY LTD.	Subsidiary	2013	5	5
78	TATIYA ANDHRA MEGA POWER LTD.	Subsidiary	2010	5	5
79	VISAKHAPATANAM PORT LOGISTICS PARK LTD.	Subsidiary	2014	14000	13507
80	WR-NR POWER TRANSMISSION LTD	Subsidiary	2017	5	5
81	YULE ELECTRICAL LTD.	Subsidiary	2007	1500	5
82	YULE ENGINEERING COMPANY LTD.	Subsidiary	2007	300	5

List of CPSEs which have been Added/ Deleted during the year 2017-18

New CPSEs Added during the year 2017-18

Sl No	Name of CPSEs	Ministry Name	Remarks
1	AAI Cargo Logistics & Allied Services Company Ltd.	Ministry Of Civil Aviation	Operating
2	Chandigarh International Airport Ltd.(CHIAL)	Ministry Of Civil Aviation	Operating
3	Chandil Transmission Limited	Ministry Of Power	Under Construction
4	Dumka Transmission Ltd	Ministry Of Power	Under Construction
5	Hemishere Properties India Ltd	D/O OF TELECOMMUNICATIONS	Under Construction
6	HLL Mother & Child care hospitals Ltd	MINISTRY OF HEALTH & FAMILY WELFARE	Under Construction
7	Hoogly Cochin Shipyard Ltd	Ministry of Shipping	Under Construction
8	Indo Russian Helicopters Ltd	MINISTRY OF DEFENCE (D/O DEFENCE PRODUCTION)	Under Construction
9	IRCON Davanagere Haveri Highway Ltd	MINISTRY OF RAILWAYS	Under Construction
10	Jharkhand Central Railway Ltd.	Ministry of Coal	Under Construction
11	Koderma Transmission Ltd	Ministry Of Power	Under Construction
12	Mahanadi Coal Railway Limited	Ministry of Coal	Under Construction
13	Mandar Transmission Ltd	Ministry Of Power	Under Construction
14	NBCC Environment Engineering Ltd	Ministry Of Housing & Urban Affairs	Under Construction
15	NBCC International Ltd.	Ministry Of Housing & Urban Affairs	Under Construction
16	Sagarmala Development Company Ltd	Ministry of Shipping	Under Construction
17	Visakhapatnam Port Logistics Park Ltd.	MINISTRY OF PETROLEUM & NATURAL GAS	Under Construction

CPSEs Deleted/closed during the year 2017-18

Sl No.	Name of CPSEs	Ministry Name	Remarks
1	ASSAM ASHOK HOTEL CORPN. LTD.	Ministry of Tourism	Taken over by Assam State Government
2	CREDA HPCL BIOFUEL LTD.	MINISTRY OF PETROLEUM & NATURAL GAS	Dissolved
3	Fatehgarh Bhadla Transmission Ltd	Ministry Of Power	Taken over by M/s Adani Transmission Limited
4	Goa-Tamnar Transmission Project Ltd	Ministry Of Power	Taken over by M/s Sterlite Grid Limited
5	India Post Payment Bank Ltd	Ministry of Communication and Information Technology	Department of Posts requested to delete the company from PE Survey as it is a payment bank regulated by RBI
6	INDIAN OIL-CREDA BIOFUELS LTD.	MINISTRY OF PETROLEUM & NATURAL GAS	Dissolved
7	INDIAN RAILWAY STATIONS DEVPT. CORPORATION LTD.	MINISTRY OF RAILWAYS	Became Joint Venture of IRCON and Rail Land Development Authority
8	Kohima-Miriani Transmission Ltd taru Power Transmission Limited	Ministry Of Power	Taken over by M/s Kalpa
9	MADHYA PRADESH ASHOK HOTEL CORPN. LTD.	Ministry of Tourism	Taken over by Madhya Pradesh State Government

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 Warrants 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 in clude 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 and reserves & surplus less Reserves created out of revaluation of assets, write-back of depreciation & amalgamation.
10. Net Value Addition consists of Profit before tax (PBT), salaries 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 and (PBDIIIEET)/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, Extraordinary items and Taxes, (PBIEET)/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 and 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, extra ordinary items and taxes.

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